公司资质

TUV认证

SGS认证

CE认证

ISO9001 认证

商标 认证

Skymach

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XH7126 XH7132 数控铣床

CNC MILLING MACHINE

▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等。

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways, T-slots, dovetail grooves, etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body, the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

SPECIFICATIONS	Units	XH7126	XH7132
工作台尺寸 Table size	mm	800*260	1000*320
工作台最大承重 Max. table load	kg	200	300
T 型槽尺寸 T-slot qty-width*distance	mm	3-16*75	3-16*75
主轴转速 spindle speed	rpm	8000	8000
主轴端面到工作台距离 spindle nose to table surface	mm	100-500	100-620
主轴中心到立柱表面距离 Spindle center to Column surface	mm	315	400
主轴锥度 Spindle taper		BT40	BT40
主电机功率 Main motor power	kw	3.7(servo)	5.5(servo)
X 轴行程 X axis travel	mm	500	630
Y 轴行程 Y axis travel	mm	300	400
Z 轴行程 Z axis travel	mm	450	500
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	15/15/15	20/20/20
定位精度 Positioning accuracy	mm	±0.012	±0.012
重复定位精度 Repeat Positioning accuracy	mm	±0.01	±0.01
外形尺寸 Overall dimension	mm	2400*1900*2300	2900*2200*2370
净重 Net Weight	kg	2200	2800

本公司随时进行研究改进工作，因此保有随时修改技术参数的权力，变更时恕不另行通知。
Our company has been conducting research and improvement work on machines, so we reserve the right to improve technical parameters at any time without prior notice.

XK7136(XH7136) 数控铣床

CNC MILLING MACHINE

▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等。

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways, T-slots, dovetail grooves, etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body, the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

SPECIFICATIONS	Units	XK7136(XH7136)
工作台尺寸 Table size	mm	1250*360
工作台最大承重 Max. table load	kg	400
T 型槽尺寸 T-slot qty-width*distance	mm	3-18*80
主轴转速 spindle speed	rpm	8000
主轴端面到工作台距离 spindle nose to table surface	mm	100-650
主轴中心到立柱表面距离 Spindle center to Column surface	mm	465
主轴锥度 Spindle taper		BT40
主电机功率 Main motor power	kw	5.5(servo)
X 轴行程 X axis travel	mm	860
Y 轴行程 Y axis travel	mm	450
Z 轴行程 Z axis travel	mm	550
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	20/20/20
定位精度 Positioning accuracy	mm	±0.008
重复定位精度 Repeat Positioning accuracy	mm	±0.005
外形尺寸 Overall dimension	mm	3000*2300*2550
净重 Net Weight	kg	3000

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VMC640 数控立式加工中心

CNC VERTICAL MACHINING CENTER

▶ 主要特点 MAIN FEATURES

优质树脂砂　High quality resin sand
台湾主轴　Taiwan spindle
台湾滚丝杠和线轨　Twaiwan Screws and guides
台湾压力缸　Taiwan pressure cylinder

该 VMC 适用于机械加工和模具制造 , 能适应从粗加工到精加工的加工要求 , 可完成铣削、钻孔、攻丝、镗孔等多种工序。This VMC is suitable for mechanical processing and mold making.And it can adapt to the processing requirement from rough machining to finish machining .It can also finish many working procedures like milling ,drilling.,tap ping.boring ,etc.

▶ 主要参数 PRODUCT PARAMETERS

SPECIFICATIONS	Units	VMC640
工作台尺寸 Table size	mm	800*300
X 轴行程 X axis travel	mm	600
Y 轴行程 Y axis travel	mm	360
Z 轴行程 Z axis travel	mm	450
工作台最大承重 Max.worktable load	kg	300
T 型槽 (数量 - 宽度 × 间隙) T slot(number-width*pitch)		3-16*90
主轴转速 Max.spindle speed	rpm	8000
主轴锥度 Spindle taper	mm	BT40
主电机功率 Main motor power	kw	5.5
X/Y/Z 轴快移速度 X/Y/Z rapid traverse speed	m/min	24/24/20
切削进给速度 Cutting feed speed	mm/min	1-10000
导轨形式 Guide rail type		线轨 Linear rail
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	410
主轴端部到工作台表面距离 Distance between spindle nose and table surface	mm	100-550
定位精度 Positioning accuracy	mm	±0.0075
重复定位精度 Repeat positioning accuracy	mm	±0.005
刀库 Tool magazine		斗笠 Armless 16
刀具最大直径 Max.tool diameter	mm	ϕ90
刀具最大重量 Max.tool weight	kg	8
机床重量外形尺寸 (长 x 宽 x 高) Machine weight Overall dimension(L*W*H)	kg mm	3000 1900*1700*2100

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VMC650 VMC850 VMC855

数控立式加工中心

CNC VERTICAL MACHINING CENTER

▶ 主要特点 MAIN FEATURES

优质树脂砂 High quality resin sand
台湾主轴 Taiwan spindle
台湾滚丝杠和线轨 Twaiwan Screws and guides
台湾压力缸 Taiwan pressure cylinder

该 VMC 适用于机械加工和模具制造，能适应从粗加工到精加工的加工要求，可完成铣削、钻孔、攻丝、镗孔等多种工序。
This VMC is suitable for mechanical processing and mold making.And it can adapt to the processing requirementfrom rough machining to finish machining .It can also finish many working procedures like milling ,drilling.,tapping.boring ,etc.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	VMC650	VMC650P	VMC850	VMC855
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	650/500/500	600/500/500	800/500/500	800/550/550
主轴鼻端至工作台面距离 The distance fromspindlecenter to worktable 'surface	mm	120-620	120-620	140-640	120-670
主轴中心到立柱表面距离 Spindle centerto Column surface	mm	550	550	550	550
T 型槽规格 T-slot	mm	3*18*90	3*18*90	3*18*90	5*18*100
工作台尺寸 Table size	mm	800*400	800*500	1000*500	1000*550
工作台最大承重 Max.table load	kg	400	400	500	500
主轴转速 (皮带式) Spindle speed（Belt）	rpm	8000	8000	8000	8000
主电机功率 Main motor	kw	5.5	5.5	7.5	7.5
主轴内孔锥度 spindle taper		BT40(φ120)	BT40(Φ120)	BT40(φ140)	BT40(φ140)
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	24/24/24	24/24/24	24/24/24	24/24/24
切削进给 Cutting feed speed	mm/min	1-10000	1-10000	1-10000	1-10000
三轴伺服电机 Three axis Servo motor	kw	2*2*3	2 * 2*3	2*2*3	2*2*3
刀库容量 Magazine tool capacity	pcs	16 (标配伞形，可选 24 把圆盘) 16（standard umbrella type , optional 24dis type)		24 把圆盘 24 (dis type)	24 把圆盘 24(dis type)
定位精度 Positioning accuracy	mm	±0.005	±0.005	±0.005	±0.005
重复定位精度 Repeat Positioning accuracy	mm	±0.003	±0.003	±0.003	±0.003
外形尺寸 Overall dimension	mm	2400*2000*2550	2400*2000*2550	2550*2200*2530	2570*2280*2800
机器重量 Machine weight	kg	3600	4000	5000	5200

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VMC860 VMC1050 数控立式加工中心

VMC860 VMC1050 CNC VERTICAL MACHINING CENTER

● 主要参数　PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	VMC860	VMC1050
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	850/600/600	1000/500/500
主轴鼻端至工作台面距离 The distance from spindle center to worktable 'surface	mm	130-660	130-630
主轴中心到立柱表面距离 Spindle centerto Column surface	mm	590	525
T 型槽规格 T-slot	mm	18/120/5	18/100/7
工作台尺寸 Table size	mm	1000*550	1000*500
工作台最大承重 Max.table load	kg	800	800
主轴转速 (皮带式)Spindle speed	rpm	8000	8000
主电机功率 Main motor	kw	7.5	7.5
主轴内孔锥度 spindle taper		BT40	BT40
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	24/24/20	24/24/20
切削进给 Cutting feed speed	mm/min	1-10000	1-10000
定位精度 Positioning accuracy	mm	±0.0075JIS	±0.0075JIS
重复定位精度 Repeat Positioning accuracy	mm	±0.005JIS	±0.005JIS
刀库容量 Magazine tool capacity	pcs	24 (dis type)	24 (dis type)
外形尺寸 Overall dimension	mm	2900*2400*2800	3200*2400*2800
机器重量 Machine weight	kg	5200	5600

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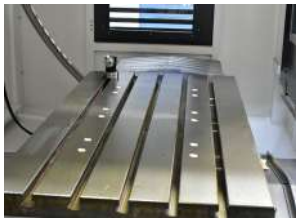
▶ 主要特点　MAIN FEATURES

优质树脂砂　High quality resin sand
台湾主轴　Taiwan spindle
台湾滚丝杠和线轨　Twaiwan Screws and guides
台湾压力缸　Taiwan pressure cylinder

该 VMC 适用于机械加工和模具制造 , 能适应从粗加工到精加工的加工要求 , 可完成铣削、钻孔、攻丝、镗孔等多种工序。This VMC is suitable for mechanical processing and mold making.And it can adapt to the processing requirement from rough machining to finish machining .It can also finish many working procedures like milling ,drilling,tapping.boring ,etc.

VMC1160 VMC1165 VMC1167
数控立式加工中心
CNC VERTICAL MACHINING CENTER



▶ 主要特点 MAIN FEATURES

优质树脂砂 High quality resin sand
台湾主轴 Taiwan spindle
台湾滚丝杠和线轨 Twaiwan Screws and guides
台湾压力缸 Taiwan pressure cylinder

该 VMC 适用于机械加工和模具制造 , 能适应从粗加工到精加工的加工要求 , 可完成铣削、钻孔、攻丝、镗孔等多种工序。
This VMC is suitable for mechanical processing and mold making.And it can adapt to the processing requirement from rough machining to finish machining .It can also finish many working procedures like milling ,drilling,tapping.boring ,etc.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	VMC1160	VMC1165	VMC1167
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	1100/600/600	1100/650/600	1200/600/700
主轴鼻端至工作台面距离 The distance from spindle center to worktable 'surface	mm	120-720	120-720	95-795
主轴中心到立柱表面距离 Spindle centerto Column surface	mm	650	665	650
T 型槽规格 T-slot	mm	18/120/5	5-18*100	5-18*110
工作台尺寸 Table size	mm	1200*600	1200*600	1300*700
工作台最大承重 Max.table load	kg	800	1000	1000
主轴转速 (皮带式)Spindle speed	rpm	8000	8000	8000
主电机功率 Main motor	kw	11/15	11/15	11/15
主轴内孔锥度 spindle taper		BT40(ϕ150)	BT40	BT40
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	24/24/20	24/24/20	24/24/20
切削进给 Cutting feed speed	mm/min	1-10000	1-6000	1-6000
定位精度 Positioning accuracy	mm	±0.0075JIS	±0.0075JIS	±0.0075JIS
重复定位精度 Repeat Positioning accuracy	mm	±0.005JIS	±0.005JIS	±0.005JIS
刀库容量 Magazine tool capacity	pcs	24 (dis type)	24 (dis type)	24 (dis type)
外形尺寸 Overall dimension	mm	2600*2300*2580	3400*2550*2960	3400*2500*3060
机器重量 Machine weight	kg	6000	7000	7000

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VMC1270 VMC1275 数控立式加工中心

CNC VERTICAL MACHINING CENTER

▶ 主要特点 MAIN FEATURES

优质树脂砂 High quality resin sand
台湾主轴 Taiwan spindle
台湾滚丝杠和线轨 Twaiwan Screws and guides
台湾压力缸 Taiwan pressure cylinder

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技术参数 SPECIFICATIONS	单位 Units	VMC1270	VMC1275	VMC1270
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	1200/700/700	1200/750/600	1200/700/600
主轴鼻端至工作台面距离 The distance from spindle center to worktable 'surface	mm	100-800	120-720	87-687
主轴中心到立柱表面距离 Spindle centerto Column surface	mm	750	775	780
T 型槽规格 T-slot	mm	5-18*130	18/100/7	5-18*122
工作台尺寸 Table size	mm	1260*700	1300*700	1260*700
工作台最大承重 Max.table load	kg	1000	800	1200
主轴转速 (皮带式)Spindle speed	rpm	8000	8000	6000
主电机功率 Main motor	kw	11/15	11/15	15/18.5
主轴内孔锥度 spindle taper		BT40(φ150)	BT40(BT50)	BT50
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	24/24/18	24/24/18	24/24/18
切削进给 Cutting feed speed	mm/min	1-6000	1-6000	1-6000
导轨形式 Guide rail type		线轨 Linear rail		两线一硬 X/Y axis linear rail Z axis hard rail
定位精度 Positioning accuracy	mm	±0.0075JIS	±0.0075JIS	±0.0075JIS
重复定位精度 Repeat Positioning accuracy	mm	±0.005JIS	±0.005JIS	±0.005JIS
刀库容量 Magazine tool capacity	pcs	24 (dis type)	24 (dis type)	24 (dis type)
外形尺寸 Overall dimension	mm	3400*2900*3000	3050*2270*2400	3400*2900*3000
机器重量 Machine weight	kg	8000	8200	10000

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VMC1370 VMC1580 VMC1690 VMC1890
数控立式加工中心
CNC VERTICAL MACHINING CENTER

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▶ 主要参数 PRODUCT PARAMETERS

SPECIFICATIONS	Units	VMC1370	VMC1580	VMC1690	VMC1890
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	1300/700/700	1500/800/700	1600/900/700	1800/900/800
主轴鼻端至工作台面距离 The distance from spindle center to worktable 'surface	mm	110-810	170-840	170-800	150-950
主轴中心到立柱表面距离 Spindle centerto Column surface	mm	750	810	950	965
T 型槽规格 T-slot	mm	5-18*110	5-22*135	5-22*165	5-22*165
工作台尺寸 Table size	mm	1400*700	1600*800	1800*900	2000*900
工作台最大承重 Max.table load	kg	1200	1500	1500	2000
主轴转速 (皮带式) Spindle speed	rpm	8000	6000	6000	6000
主电机功率 Main motor	kw	15/18.5	15/18.5	15/18.5	15/18.5
主轴内孔锥度 spindle taper		BT40(ϕ150)/BT50	BT50	BT50	BT50
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	24/24/18	15/15/12	15/15/12	15/15/12
切削进给 Cutting feed speed	mm/min	1-8000	1-5000	1-5000	1-5000
定位精度 Positioning accuracy	mm	±0.0075	±0.01	±0.01	±0.01
重复定位精度 Repeat Positioning accuracy	mm	±0.005	±0.0075	±0.0075	±0.0075
刀库容量 Magazine tool capacity	pcs	24 (dis type)	24 (dis type)	24 (dis type)	24 (dis type)
外形尺寸 Overall dimension	mm	3870*2900*3000	4300*3200*3100	4500*3350*3200	5100*3800*3200
机器重量 Machine weight	kg	8800	13000	14000	15000

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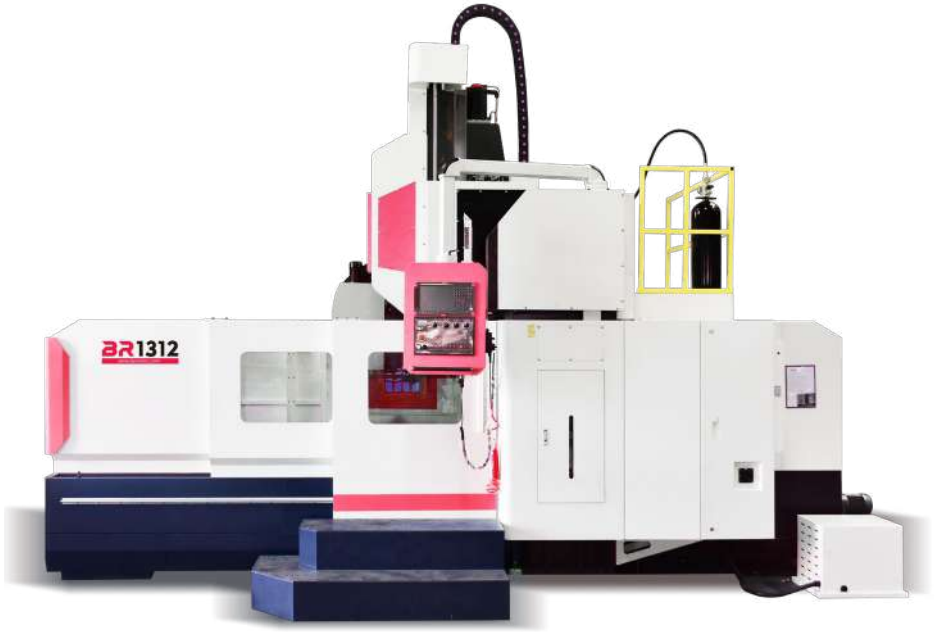
GMC1312/GMC1612G MC1614/GMC2012
数控龙门加工中心
THE GANTRY MACHINING CENTER



▶ 主要特点 MAIN FEATURES

轨道真直度量测 Orbital Straightness Measurement
标准试块测试 Standard test block test
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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	GMC1312	GMC1612	GMC2012
工作台尺寸 (宽 x 长) Table size(W*L)	mm	1400*1050	1600*1050	2000*1050
工作台移动方向行程 (X 轴) Xaxis travel	mm	1350	1650	2100
滑枕座移动方向行程 (Y 轴) Yaxis travel	mm	1200	1200	1200
主轴上下移动方向行程 (Z 轴) Z axis travel	mm	700 100-630(Proboscinal spindle)	700	700
龙门宽度 / 过高 Gantry width/passing height	mm	W:1230/H:860	W:1230/H:860	W:1230/H:860
工作台承重 (t) Table load	t	1	2.5	4
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	120-820		
T 型槽 (数量 - 宽度 × 间隙) T slot(number-width*pitch)		7-22*140		
主轴锥度 Spindle taper		BT40		
主轴转速 Spindle speed	r/min	8000		
快移进给速度 Rapid traverse speed	m/min	24/24/24		
切削进给速度 Cutting feed speed	m/min	10		
主电机功率 Main motor power	kw	11/15		
刀库形式 Tool magazine	mm	圆盘 Arm24		
定位精度 Positioning accuracy	mm	X/Y±0.0075 Z±0.015		
重复定位精度 Repeat positioning accuracy	mm	±0.005		
外形尺寸 (长 x 宽 x 高)Overall dimension(L*W*H)	mm	4300*3200*3600	4300*3200*3600	4300*3200*3600
重量 (约) weight(about)	t	8.5	10.5	13.5

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BR1311A BR1311B 数控龙门加工中心

THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

轨道真直度量测 Orbital Straightness Measurement
标准试块测试 Standard test block test
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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	BR1311A	BR1311B
X*Y*Z 行程 X*Y*Z Travel	mm	1300*1100*530	1300*1100*530
工作台面尺寸 Table size(X*Y)	mm	1300*1100	1300*1100
最大负荷 Maximum load	kg	2000	2000
主轴鼻端至台面距离 Distance from spindle nose to table	mm	100-630(Proboscinal spindle)	100-640(Proboscinal spindle)
主轴箱体主轴安装端面至台面距离 Spindle housing spindle mounting face distance to table surface	mm	240	250
龙门架内宽 Inner width of gantry frame	mm	1200	1200
龙门架可通过的高度 The height through which the gantry can pass	mm	900	870
丝杆规格 (X*Y*Z) Screw specification(X*Y*Z)	mm	40*40*40	40*40*40
滚柱导轨规格 (X*Y*Z)Roller guide specifications(X*Y*Z)	mm	45*45*45	45*45*45-45
滑块数量 (X*Y*Z) Number of sliders(X*Y*Z)	PCS	X:4;Y:4;Z:6	X:4;Y:4;Z:8
丝杆螺距 Lead screw pitch	mm	X/Y/Z*10 or 12	X/Y/Z*10 or 12
T 型槽数量 Number of T-slots	PCS	7-M167	7-M167
主轴 (规格 - 安装直径) spindle(Specifications - Mounting diameter)		150	150
主轴连接方式 Spindle connection mode		Belt Spindle	Belt Spindle
光机外形尺寸 (长 * 宽高)Optical machine dimensions(L*W*H)	mm	3550*2330*2710	3550*2330*2710
光机重量 (约)Casting body weight(about)	T	5.8	6
钣金重量 (约) Sheet metal weight(about)	KG	1200	1300

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BR1312 BR2014 BR2016 BR2022
龙门加工中心
THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

SPECIFICATIONS	Units	BR1312	BR2014	BR2016	BR2022
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	1300/1250/600	2200/1300/750	2000/1500/700	2200/2300/1000
主轴鼻端至工作台距 Spindle nose to table	mm	150~750	150~900	150~850	200~1200
工作台面积 Table size	mm	1400X1050	2000X1050	2000x1400	2000X1800
工作台最大负荷 Max. loading capacity	T	2	4	3	10
T 型槽数尺寸 Size of T-slot	mm	22x140x7	22x180x6	22×165x7	22x180x9
主轴转速 Spindle speed	rpm	BilP30/8000rpm	6000	6000	8000
主轴锥度 Spindle taper		BT40-160	BT50	BT50	
主轴马达 Spindle motor	KW	15/18.5 (广域)	15/18.5 (广域)	15/18.5 (广域)	22/26 ail22
主轴扭矩 Spindle torque	N.m	236	236	113	286
X 快速进给速率 x axis rapid feed rate	mm/min	15000	15000	12000	12000
Y 快速进给速率 Y axis rapid feed rate	mm/min	15000	15000	18000	12000
Z 快速进给速率 Z axis rapid feed rate	mm/min	12000	12000	12000	10000
三轴切削进给率 Three-axis cutting feed rate	mm/min	0-10000	0-10000	0-10000	0-10000
最大刀具长度 Max. tool length	pcs	300	300	300	300
最大刀具直径 Max. tool dia	mm	Ø200	Ø200	Ø200	Ø300 (邻空刀)
最大刀具重量 Max. tool weight	kg	15	15	15	15
刀具规格 Tool specification		BT50	BT50	BT50	BT50
换刀时间 Tool change time	秒	4	4	4	6
定位精度 Positioning	mm	0.010 ／ 1000	0.010 ／ 1000	0.010 ／ 1000	0.010 ／ 1000
重复定位精度 Repeat positioning	mm	0.006 ／ 1000	0.006 ／ 1000	0.006 ／ 1000	0.006 ／ 1000
最小定位单位 Least input increment	mm	0.001	0.001	0.001	0.001
电气容量 Power Capacity	KVA	45	45	48	50
重量 Net weight	t	9.5	15	16	27
机器占地面积 (长 x 宽 x 高) Packing dimensions	mm	4000x2800x3000	6000x3000x3500	6300×3050×4100	7400x4000x3500

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BR1512B BR1714B BR2215B
数控龙门加工中心
HE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	BR1512B	BR1714B	BR2215B
X*Y*Z 行程 X*Y*Z Travel	mm	1500*1200*630	1700*1400*668	2200*1500*800
工作台面尺寸 Table size(X*Y)	mm	1500*1200	1700*1400	2200*1500
最大负荷 Maximum load	kg	3500	5000	9000
主轴鼻端至台面距离 Distance from spindle nose to table	mm	110-740(Proboscinal spindle)	225-895(Proboscinal spindle)	200-1000(Proboscinal spindle)
主轴箱体主轴安装端面至台面距离 Spindle housing spindle mounting face distance to table surface	mm	245	350	345
龙门架内宽 Inner width of gantry frame	mm	1200	1450	1550
龙门架可通过的高度 The height through which the gantry can pass	mm	950	1000	1160
丝杆规格 (X*Y*Z) Screw specification(X*Y*Z)	mm	50*40*40	50*50*50	50*50*50
滚柱导轨规格 (X*Y*Z)Roller guide specifications(X*Y*Z)	mm	45*45*45-35	45*45*45-45	55*55*45-45
滑块数量 (X*Y*Z) Number of sliders(X*Y*Z)	PCS	X:6;Y:4;Z:8	X:6;Y:4;Z:8	X:8;Y:4;Z:8
丝杆螺距 Lead screw pitch	mm	X/Y/Z*10 or 12	X/Y/Z*10 or 12	X/Y/Z*10 or 12
T 型槽数量 Number of T-slots	PCS	7-M167	7-M167	7-M20-M18
主轴 (规格 - 安装直径) spindle(Specifications - Mounting diameter)		150	150/190	150/190
主轴连接方式 Spindle connection mode		Belt Spindle	Belt Spindle	Belt Spindle
光机外形尺寸 (长 * 宽高)Optical machine dimensions(L*W*H)	mm	4186*2420*3010	4980*2850*3200	6200*3000*3492
光机重量 (约)Casting body weight(about)	T	9	11.5	14.5
钣金重量 (约) Sheet metal weight(about)	KG	1400	1500	1800

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BR2516 BR3018 BR3022 BR6323
龙门加工中心
THE GANTRY MACHINING CENTER

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SPECIFICATIONS	Units	BR2516	BR3018	BR3022	BR6323
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	2500/1600/750	3200/1900/750	3200/2300/1000	6200/3200/1250
主轴鼻端至工作台距 Spindle nose to table	mm	150~900	150~900	200~1200	200~1450
工作台面积 Table size	mm	2500X1300	3000X1500	3000X1800	6000X2800
工作台最大负荷 Max. loading capacity	T	5	8	10	24
T 型槽数尺寸 Size of T-slot	mm	22x180x7	22x200x7	22x180x9	28x200x11
主轴转速 Spindle speed	rpm	6000	8000	8000	ailP40—6000
主轴锥度 Spindle taper		BT50	BT50	BT50	BT50
主轴马达 Spindle motor	KW	15/18.5	ail/8000 22/26	22/26ail22	18.5/22 (广域)
主轴扭矩 Spindle torque	N.m	236	286	286	525
X 快速进给速率 x axis rapid feed rate	mm/ min	15000	12000	12000	12000
Y 快速进给速率 Y axis rapid feed rate	mm/ min	15000	12000	12000	12000
Z 快速进给速率 Z axis rapid feed rate	mm/ min	12000	10000	10000	10000
三轴切削进给率 Three-axis cutting feed rate	mm/ min	0-10000	0-10000	0-10000	0-10000
最大刀具长度 Max. tool length	pcs	300	300	300	300
最大刀具直径 Max. tool dia	mm	Ø100	Ø300 (邻空刀)	Ø300 (邻空刀)	Ø100
最大刀具重量 Max. tool weight	kg	15	18	15	15
刀具规格 Tool specification		BT50	BT50	BT50	BT50
换刀时间 Tool change time	秒	6	2.5	6	6
定位精度 Positioning	mm	0.010 ／ 1000	0.010 ／ 1000	0.010 ／ 1000	0.010 ／ 1000
重复定位精度 Repeat positioning	mm	0.006 ／ 1000	0.006 ／ 1000	0.006 ／ 1000	0.006 ／ 1000
最小定位单位 Least input increment	mm	0.001	0.001	0.001	0.001
电气容量 Power Capacity	KVA	55	55	55	55
重量 Net weight	t	19	23	23	65
机器占地面积 (长 x 宽 x 高) Packing dimensions	mm	7200x3900x3500	8200x3300x3500	8400x4000x3500	17500x4800x3200

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BR1614 BR2014 BR2514 数控龙门加工中心

THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

轨道真直度量测 Orbital Straightness Measurement
标准试块测试 Standard test block test
循圆检验 Circumferential measurement test
镭射检验 laser survey
一体式铸件床身及门桥，提供更高的刚性、稳定性 One-piece casting bed and door bridge provide higher rigidity and stability.
Z 轴标配特殊性能 4 线轨、可适配皮带式和直接式换位以及电主轴 滑枕双层内加强多面环抱设计，更优的刚性稳定性
Z-axis is standardized with special performance 4-wire rails, adapted belt-type and direct shift as well as electric spindles
Pillows are double-layered and internally reinforced with multi-faceted encircling design for better rigidity and stability.
Z 轴加装双氮气平衡缸，稳定且上下快速响应
Z-axis is equipped with double nitrogen balancing cylinders for stable and fast response up and down.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR1614	BR2014	BR2514
工作台面尺寸 (宽 × 长)(mm) Worktable size（mm）		1200×1600	1200×2000	2500×1200
工作台移动方向行程 (X 轴 mm) X axis travel (mm)		1600	2200	2500
主轴滑座移动方向行程 (Y 轴 mm) Y axis travel (mm)		1500	1500	1500
主轴上下移动方向行程 (Z 轴 mm) Z axis travel (mm)		800	800	800
龙门宽度 (mm) The width of the gantry(mm)		1500	1500	1500
龙门过高 (mm) The high of the gantry(mm)		1060	1060	1060
主轴端面至工作台面距离 (mm) Distance from spindle end to table surface(mm)		160 ～ 960 短鼻 short nose （选配 60-860 长鼻）(optional 55 ～ 855 long nose)		
工作台 T 型槽 (数目一尺寸 × 间距)Table T-slots (N-S*spacing)		中间 Mid:5-22×195, 两侧 two sides :1-22×145		7-22×170
主轴规格 (型号 / 安装直径)Spindle specifications (type/ mounting diameter)		BT50/ϕ190		
主轴传动方式 Spindle drive mode	皮带主轴（RPM） Belt Spindle speed rpm	6000r/min		
	皮带轮传动比 Belt Pulley Ratio	1.5:1(optional 1:1)		
	ZF 减速 + 皮带 (选配) ZF reduction + belt (optional)	转速（Speed） 6000r/min 传动比（Transmission ratio） 4:1		-
	齿轮头 Gear heads	转速（Speed） 6000r/min 传动比（Transmission ratio）4.4:1		-
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		16		
切削进给速度 (m/min)Cutting feed rate(m/min)		10		
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:5010、Y:5010、Z:5010	X:6310、Y:5010、Z:5010	X:6312、Y:5010、Z:5010
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X 轴线轨：45（选配 55 轨）X-axis: linear way 45 (optional 55 rails). Y 轴：45（选配 55 轨）Y-axis: linear way 45 (optional 55 rails). Z 轴：矩形滑轨 Z-axis: Box way		
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X, Y, Z 轴直连 X, Y, Z axis direct connection		
主轴电机选用推荐 Main motor		22kW		
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:38N · m;Y:30N · m;Z:30N · m(brake)		
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		4700×3400×3700	5500×3400×3700	6500×3400×3700
工作台承重 (t)Table load(t)		2.5	3.5	4.5
光机重量约 (t)Optical machine weight approx. (t)		11.4	12.6	13.5
平衡系统 balance system		手动液压平衡 (选配自动液压平衡) Manual hydraulic balancing (optional automatic hydraulic balancing)		

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BR2017 BR2517 BR3017 数控龙门加工中心

BR2017 BR2517 BR3017 THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR2017	BR2517	BR3017
工作台面尺寸 (宽 × 长)(mm)Worktable size （mm）		1400×2200	1400×2700	1400×3200
工作台移动方向行程 (X 轴 mm)X axis travel (mm)		2200	2700	3200
主轴滑座移动方向行程 (Y 轴 mm)Y axis travel (mm)		2000	2000	2000
主轴上下移动方向行程 (Z 轴 mm)Z axis travel (mm)		800	800	800
龙门宽度 (mm)The width of the gantry(mm)		1800	1800	1800
龙门过高 (mm)The high of the gantry(mm)		1160	1160	1160
主轴端面至工作台面距离 (mm)Distance from spindle end to table surface(mm)		250 ~ 1050	250 ~ 1050	250~1050
工作台 T 型槽 (数目一尺寸 × 间距)Table T-slots (N-S*spacing)		7-22×200	7-22×200	7-22×200
主轴规格 (型号 / 安装直径)Spindle specifications (type/ mounting diameter)		BT50/ϕ190		
主轴传动方式 Spindle drive mode	皮带主轴（RPM） Belt Spindle speed rpm	6000r/min		
	皮带轮传动比 Belt Pulley Ratio	1.5:1(选配 optional 1:1)		
	ZF 减速 + 皮带 (选配) ZF reduction + belt (optional)	转速（Speed ）6000r/min 传动比（Transmission ratio） 4:1		
	齿轮头 Gear heads	转速（Speed ） 6000r/min 传动比（Transmission ratio） 4.4:1		
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		16		
切削进给速度 (m/min)Cutting feed rate(m/min)		10		
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:6310、Y:5010、Z:5010	X:6310、Y:5010、Z:5010	X:8020、Y:5010、Z:5010
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X 轴：55 线轨 X-axis: linear way 55 Y 轴：55 线轨 Y-axis: linear way 55 Y 轴：矩形滑轨 Z-axis: Box way		
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X, Y, Z 轴直连 X, Y, Z axis direct connection		
主轴电机选用推荐 Main motor		22kW		
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:38N · m;Y:30N · m;Z:30N · m(brake)		
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		5500×3800×3700	6500×3800×3700	7960×3800×3700
工作台承重 (t)Table load(t)		4	5	6
光机重量约 (t)Optical machine weight approx. (t)		14	16	17
平衡系统 balance system		手动液压平衡 (选配自动液压平衡) Manual hydraulic balancing (optional automatic hydraulic balancing)		

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BR2018 BR2518 BR3018 BR3518

数控龙门加工中心

THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

轨道真直度量测 Orbital Straightness Measurement
标准试块测试 Standard test block test
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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR2018	BR2518	BR3018
工作台面尺寸 (宽 × 长)(mm) Worktable size（mm）		1600×2200	1600×2700	1600×3200
工作台移动方向行程 (X 轴 mm) X axis travel (mm)		2200	2700	3200
主轴滑座移动方向行程 (Y 轴 mm) Y axis travel (mm)		2000	2000	2000
主轴上下移动方向行程 (Z 轴 mm) Z axis travel (mm)		800	800	800
龙门宽度 (mm) The width of the gantry(mm)		1800	1800	1800
龙门过高 (mm) The high of the gantry(mm)		1160	1160	1160
主轴端面至工作台面距离 (mm) Distance from spindle end to table surface(mm)		250 ～ 1050		
工作台 T 型槽 (数目一尺寸 × 间距)Table T-slots (N-S*spacing)		7-22×200		
主轴规格 (型号 / 安装直径)Spindle specifications (type/ mounting diameter)		BT50/φ190		
主轴传动方式 Spindle drive mode	皮带主轴（RPM） Belt Spindle speed rpm	6000r/min		
	皮带轮传动比 Belt Pulley Ratio	1.5:1(选配 optional 1:1)		
	ZF 减速 + 皮带 (选配) ZF reduction + belt (optional)	转速 Speed 6000r/min 传动比 Transmission ratio 4:1		
	齿轮头 Gear heads	转速 speed 6000r/min 传动比 Transmission ratio 4.4:1		
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		16		
切削进给速度 (m/min)Cutting feed rate(m/min)		10		
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:6310、Y:5010、Z:5010	X:6310、Y:5010、Z:5010	X:8020、Y:5010、Z:5010
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X 轴：55 线轨 X-axis:linear way55 Y 轴：55 线轨 Y-axis: linear way 55 Z 轴：矩形滑轨 Z-axis: Box way		
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X, Y, Z 轴直连 X, Y, Z axis direct connection		
主轴电机选用推荐 Main motor		22kW		
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:38N·m;Y:30N·m;Z:30N·m(brake)		
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		5500×3800×3700	6500×3800×3700	7960×3800×3700
工作台承重 (t)Table load(t)		4	5	6
光机重量约 (t)Optical machine weight approx. (t)		15.5	16.5	17.5
平衡系统 balance system		手动液压平衡 (选配自动液压平衡) Manual hydraulic balancing (optional automatic hydraulic balancing)		

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GMC3518 数控龙门加工中心

THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

- 轨道真直度量测 Orbital Straightness Measurement
- 标准试块测试 Standard test block test
- 循圆检验 Circumferential measurement test
- 镭射检验 laser survey
- 一体式铸件床身及门桥，提供更高的刚性、稳定性 One-piece casting bed and door bridge provide higher rigidity and stability.
- Z 轴标配特殊性能 4 线轨、可适配皮带式和直接式换位以及电主轴 滑枕双层内加强多面环抱设计，更优的刚性稳定性
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- Z 轴加装双氮气平衡缸，稳定且上下快速响应
  Z-axis is equipped with double nitrogen balancing cylinders for stable and fast response up and down.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	GMC3518
工作台尺寸 (宽 x 长) Table size(W*L)	mm	1600*3700
工作台移动方向行程 (X 轴) Xaxis travel	mm	3500
滑枕座移动方向行程 (Y 轴) Yaxis travel	mm	1900
主轴上下移动方向行程 (Z 轴) Z axis travel	mm	800
龙门宽度 / 过高 Gantry width/passing height	mm	W:1900/H:1080
工作台承重 (t) Table load	t	7.5
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	200-1000
T 型槽 (数量 - 宽度 × 间隙) T slot(number-width*pitch)		9-22*180
主轴锥度 Spindle taper		BT50/190
主轴转速 Spindle speed	r/min	6000
快移进给速度 Rapid traverse speed	m/min	15
切削进给速度 Cutting feed speed	m/min	10
主电机功率 Main motor power	kw	15/18.5
刀库形式 Tool magazine	mm	圆盘 Arm24
定位精度 Positioning accuracy	mm	X/Y±0.0075 Z±0.015
重复定位精度 Repeat positioning accuracy	mm	±0.005
外形尺寸 (长 x 宽 x 高)Overall dimension(L*W*H)	mm	10200*4700*4300
重量 (约) weight(about)	t	8.5

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BR2720 BR3020(3220) BR4220
数控龙门加工中心
THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

- 1. 立柱可加高 100、150、200 mm 等 :
- 2. 主轴可选配直联 BT40- 中 150, 主轴转速 12000r/min; 也可选配皮带 BT50-155, 主轴转速 8000r/min;
- 3. 可选配 3 轴线轨 ;
- 4.BR2720，3020，XY 轴导轨标配 55 轨 ;
- 1. The column can be raised by 100, 150, 200 mm, etc.:
- 2. The spindle can be optionally equipped with a direct connection BT40 medium 150, with a spindle speed of 12000 r/min; Belt BT50-155 can also be optionally equipped, with a spindle speed of 8000r/min;
- 3. Optional 3-axis linear rail;
- 4. BR27203020, the XY axis guide rail is equipped with 55 rails as standard;

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	BR2720	BR3020（3220）	BR3720	BR4220
工作台面尺寸 (mm)Worktable size（mm）	1800×2500	3000×1800	3500x1800	4000×1800
工作台移动方向行程 (X 轴 mm)X axis travel (mm)	2700	3200	3700	4200
主轴滑座移动方向行程 (Y 轴 mm)Y axis travel (mm)	2000	2000	2200	2000
主轴上下移动方向行程 (Z 轴 mm)Z axis travel (mm)	1000	1000	1000	1000
龙门宽度 (mm)The width of the gantry(mm)	2000	2000	2000	2000
龙门过高 (mm)The high of the gantry(mm)	1300	1300	1300	1300
主轴端面至工作台面距离 (mm)Distance from spindle end to table surface(mm)	180 ~ 1180(选配加高 Optional raised 300mm)			
工作台 T 型槽 (数目一尺寸 × 间距)Table T-slots (N-S*spacing)	9-22×190			
主轴规格 (型号 / 安装直径)Spindle specifications (type/mounting diameter)	BT50/φ190			
主轴传动方式 Spindle drive mode / 皮带 Belt	转速 Speed 6000r/min, 传动比 Belt Pulley Ratio 1.5:1(optional 1:1)			
快移进给速度 (m/min) Rapid traverse feed speed(m/min)	15	15	15	12
切削进给速度 (m/min)Cutting feed rate(m/min)	10	10	10	8
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch	X:6312、Y:5010、Z:5010	X:8020、Y:5010、Z:5010		
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders	X-axis: linear way 55 X 轴 : 线轨 55 Y-axis: linear way 55 Y 轴 : 线轨 55 Z-axis: Box way Z 轨轴 : 矩形滑轨			
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio	X, Y, Z 轴直连 X, Y, Z axis direct connection		X 轴行星齿轮传动比 X-axis planetary gearing 4:1. Y, Z 轴直连 1:1 Y-axis, Z-axis direct coupling 1:1	
主轴电机选用推荐 Main motor	皮带 22kW 电机 Belt 22kW moter	皮带 22kW 电机 (选配直连 11kW 电机) Belt 22kW moter (Optional straight-junction 11kW motor)	皮带 22kW 电机 Belt 22kW moter	
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation	X:38N·m;Y:30N·m;Z:30N·m(抱闸 brake)		-	X:50N·m;Y:30N·m; Z:30N·m(抱闸 brake)
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H) (mm) Stroke maximum point	6700×3710×3800	8000×3710×3800	-	10000×3710×3800
工作台承重 (t)Table load(t)	5	6	8	9
光机重量约 (t)Optical machine weight approx. (t)	17	About 19T	-	24.5
平衡系统 balance system	手动液压平衡 (选配自动液压平衡) Manual hydraulic balancing (optional automatic hydraulic balancing)			

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GMC3022 GMC4022 GMC5022
数控龙门加工中心
THE GANTRY MACHINING CENTER

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	GMC3022	GMC4022	GMC5022
工作台尺寸 (宽 x 长) Table size(W*L)	mm	2000*3000	2000*4000	2000*5000
工作台移动方向行程 (X 轴) Xaxis travel	mm	3000	4000	5000
滑枕座移动方向行程 (Y 轴) Yaxis travel	mm	2200（副行程 secondary stroke2700 ）		
主轴上下移动方向行程 (Z 轴) Z axis travel	mm	1000		
龙门宽度 / 过高 Gantry width/passing height	mm	2300		
工作台承重 (t) Table load	t	10	12	14
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	280-1280		
T 型槽 (数量 - 宽度 × 间隙) T slot(number-width*pitch)		9-28*200		
主轴锥度 Spindle taper		BT50/200		
主轴转速 Spindle speed	r/min	6000		
快移进给速度 Rapid traverse speed	m/min	12	12	12
切削进给速度 Cutting feed speed	m/min	8	8	8
主电机功率 Main motor power	kw	18.5	18.5	18.5
刀库形式 Tool magazine	mm	圆盘 Arm30		
定位精度 Positioning accuracy	mm	X/Y±0.0075 Z±0.015		
重复定位精度 Repeat positioning accuracy	mm	±0.005		
外形尺寸 (长 x 宽 x 高)Overall dimension(L*W*H)	mm	10750*5940*5100	12750*5940*510	14750*5940*5100
重量 (约) weight(about)	t	39	43	48

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BR2723 BR3023 BR4023 数控龙门加工中心

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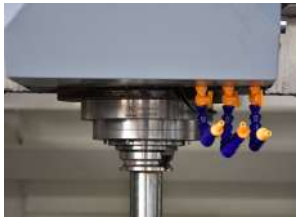

▶ 主要特点 MAIN FEATURES

- 1. 立柱可加高 100、150、200 mm 等 ;
- 2. 主轴可选配直联 BT40- 中 150, 主轴转速 12000r/min; 也可选配皮带 BT50-155, 主轴转速 8000r/min
- 3. 工作台可选配 2000 宽
- 1. The column can be raised by 100, 150, 200 mm, etc;
- 2. The spindle can be optionally equipped with a direct connection BT40 medium 150, with spindle speed 12000 r/min; Belt BT50-155 can also be optionally equipped, with a spindle speed of 8000r/min
- 3. The workbench can be optionally equipped with a width of 2000

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR2723	BR3023	BR4023
工作台面尺寸 (宽 × 长)(mm) Worktable size（mm）		2000×2700	2000×3200	2000×4200
工作台移动方向行程 (X 轴 mm) X axis travel (mm)		2700	3200	4200
主轴滑座移动方向行程 (Y 轴 mm) Y axis travel (mm)		2300	2300	2300
主轴上下移动方向行程 (Z 轴 mm) Z axis travel (mm)		1000	1000	1000
龙门宽度 (mm) The width of the gantry(mm)		2340	2340	2340
龙门过高 (mm) The high of the gantry(mm)		1300	1300	1300
主轴端面至工作台面距离 (mm) Distance from spindle end to table surface(mm)		180 ～ 1180(选配加高 optional raise 300mm)		
工作台 T 型槽 (数目一尺寸 × 间距)Table T-slots (N-S*spacing)		9-22×190		
主轴规格 (型号 / 安装直径)Spindle specifications (type/ mounting diameter)		BT50/φ190		
主轴传动方式 Spindle drive mode	皮带主轴（RPM） Belt Spindle speed rpm	转速 Speed 6000r/min, 传动比 transmission ratio 1.5:1 (1:1 选配 optional)		
	ZF 减速 + 皮带 (选配) ZF reduction + belt (optional)	转速 Speed 6000r/min, 传动比 transmission ratio4:1		
	直结式 direct current	转速 Speed 12000r/min		
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		15	15	12
切削进给速度 (m/min)Cutting feed rate(m/min)		10	10	8
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:6312、Y:6310、Z:5010	X:8020、Y:6310、Z:5010	X:8020、Y:6310、Z:5010
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X 轴：55 线轨 (选配 45 轨) X-axis: linear rail 55 (optional 45 rail) Y 轴：55 线轨 (选配 45 轨) Y-axis: linear rail 55(optional 45 rail) Z 轴：矩形滑轨 Z-axis: Box way		
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X, Y, Z 轴直连 X, Y, Z axis direct connection	X 轴行星齿轮传动比 Y, Z 轴直连 1:1 X-axis planetary gearing 4:1. Y-axis, Z-axis direct coupling 1:1	
主轴电机选用推荐 Main motor		皮带 22kW 电机 (选配 直结 11kw 电机) Belt 22kW motor (optional straight-junction 11kW motor)		
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:38N · m;Y:30N · m;Z:30N · m(brake)		X:50N·m: Y:30N·m; Z:30N·m(brake 抱闸)
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		6700×4010×3800	8000×4010×3800	10000×4010×3800
工作台承重 (t)Table load(t)		5	6	9
光机重量约 (t)Optical machine weight approx. (t)		17.5t	19.5T	24.5
平衡系统 balance system		手动液压平衡 (选配氮气，自动液压平衡) Manual balancing system (optional nitrogen, automatic balancing system)		

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GMC4027 GMC5027 GMC6027 GMC8027
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▶ 主要特点 MAIN FEATURES

- 轨道真直度量测 Orbital Straightness Measurement
- 标准试块测试 Standard test block test
- 循圆检验 Circumferential measurement test
- 镭射检验 laser survey
- 一体式铸件床身及门桥，提供更高的刚性、稳定性 One-piece casting bed and door bridge provide higher rigidity and stability.
- Z 轴标配特殊性能 4 线轨、可适配皮带式和直接式换位以及电主轴 滑枕双层内加强多面环抱设计，更优的刚性稳定性
  Z-axis is standardized with special performance 4-wire rails, adapted belt-type and direct shift as well as electric spindles Pillows are double-layered and internally reinforced with multi-faceted encircling design for better rigidity and stability.
- Z 轴加装双氮气平衡缸，稳定且上下快速响应
  Z-axis is equipped with double nitrogen balancing cylinders for stable and fast response up and down.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	GMC4027	GMC5027	GMC6027	GMC8027
工作台尺寸 (宽 x 长) Table size(W*L)	mm	2300*4000	2300*5000	2300*6000	2300*8000
工作台移动方向行程 (X 轴) Xaxis travel	mm	4000	5000	6000	8000
滑枕座移动方向行程 (Y 轴) Yaxis travel	mm	2700(副行程 Secondary stroke 3050)			
主轴上下移动方向行程 (Z 轴) Z axis travel	mm	1000(选配 Opt.1250)			
龙门宽度 / 过高 Gantry width/passing height	mm	w:2700/H:1400			
工作台承重 (t) Table load	t	12	16	20	24
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	250 ～ 1750(可选配加高 250、500mm Opt.Heighten 250、500mm)			
T 型槽 (数量 - 宽度 × 间隙) T slot(number-width*pitch)		11-28*200			
主轴锥度 Spindle taper		BT50/200			
主轴转速 Spindle speed	r/min	6000			
快移进给速度 Rapid traverse speed	m/ min	12			
切削进给速度 Cutting feed speed	m/ min	6-10			
主电机功率 Main motor power	kw	18.5			
刀库形式 Tool magazine	mm	圆盘 Arm30			
定位精度 Positioning accuracy	mm	X/Y±0.0075 Z±0.015			
重复定位精度 Repeat positioning accuracy	mm	±0.005			
外形尺寸 (长 x 宽 x 高) Overall dimension(L*W*H)	mm	12840*7370*6770	14840*7370*6770	16840*7370*6770	21640*7370*6770
重量 (约) weight(about)	t	45.5	51.5	57.5	73.5

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GMC3014 GMC3016 GMC3516
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▶ 主要特点 MAIN FEATURES

- 轨道真直度量测 Orbital Straightness Measurement
- 标准试块测试 Standard test block test
- 循圆检验 Circumferential measurement test
- 镭射检验 laser survey
- 一体式铸件床身及门桥，提供更高的刚性、稳定性 One-piece casting bed and door bridge provide higher rigidity and stability.
- Z 轴标配特殊性能 4 线轨、可适配皮带式和直接式换位以及电主轴 滑枕双层内加强多面环抱设计，更优的刚性稳定性
  Z-axis is standardized with special performance 4-wire rails, adapted belt-type and direct shift as well as electric spindles Pillows are double-layered and internally reinforced with multi-faceted encircling design for better rigidity and stability.
- Z 轴加装双氮气平衡缸，稳定且上下快速响应
  Z-axis is equipped with double nitrogen balancing cylinders for stable and fast response up and down.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	GMC3014	GMC3016	GMC3516
工作台尺寸 (宽 x 长) Table size(W*L)	mm	1200*3100	1400*3100	1400*3600
工作台移动方向行程 (X 轴) Xaxis travel	mm	3000	3000	3500
滑枕座移动方向行程 (Y 轴) Yaxis travel	mm	1500	1700	1700
主轴上下移动方向行程 (Z 轴) Z axis travel	mm	800	800	800
龙门宽度 / 过高 Gantry width/passing height	mm	W:1500/H:1030	W:1700/H:1080	W:1700/H:1080
工作台承重 (t) Table load	t	5.5	6	7
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	150~950	200 ～ 1000	200 ～ 1000
T 型槽 (数量 - 宽度 × 间隙) T slot(number-width*pitch)		7-22*170	7-22*200	7-22*200
主轴锥度 Spindle taper		BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000
快移进给速度 Rapid traverse speed	m/min	15	15	15
切削进给速度 Cutting feed speed	m/min	10	10	10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine	mm	圆盘 Arm24	圆盘 Arm24	圆 Arm24
定位精度 Positioning accuracy	mm	X/Y±0.0075 Z±0.015		
重复定位精度 Repeat positioning accuracy	mm	±0.005		
外形尺寸 (长 x 宽 x 高)Overall dimension(L*W*H)	mm	8700*4200*4200	9200*4500*4300	10200*4500*4300
重量 (约) weight(about)	t	21.5	22.5	25

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BR3028 BR4028 BR5028 BR6028
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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR3028	BR4028	BR5028	BR6028
工作台面尺寸 (宽 × 长) (mm)Worktable size （mm）		2300×3000 (optional： 2500×3000	2300×4000	2300×5000	2300×6000
工作台移动方向行程 (X 轴 mm)X axis travel (mm)		3000	4000	5000	6000
主轴滑座移动方向行程 (Y 轴 mm)Y axis travel (mm)		2800(副行程 3050)2800(secondary trip 3050)			
主轴上下移动方向行程 (Z 轴 mm)Z axis travel (mm)		1000	1000	1000	1000
龙门宽度 (mm) The width of the gantry(mm)		2800	2800	2800	2800
龙门过高 (mm) The high of the gantry(mm)		1400	1400	1400	1400
主轴端面至工作台面距离 (mm)Distance from spindle end to table surface(mm)		280 ~ 1280(选配加高 optional raise180、250、300、430)	280 ~ 1280		
		选配齿轮头：短鼻 :385~1385、中鼻 :330~1330、长鼻 :240~1240 Optional gear head: short nose: 385-1385, medium nose: 330-1330, long nose: 240-1240			
工作台 T 型槽 (数目一尺寸 × 间距) Table T-slots (N-S*spacing)		11-28×200			
主轴规格 (型号 / 安装直径) Spindle specifications (type/mounting diameter)		BT50/φ200			
主轴传动方式 Spindle drive mode	皮带 Belt	转速 Speed 6000r/min, 皮带轮传动比 Belt Pulley Ratio 1.5:1(选配 optional 1:1)			
	ZF 减速 + 皮带 (选配) ZF reduction + belt(optional)	转速 Speed 6000r/min, 传动比 transmission ratio 4:1			
	齿轮头 Gear heads	转速 Speed6000r/min, 传动比 transmission ratio4.4:1			
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		10	10	10	10
切削进给速度 (m/min) Cutting feed rate(m/min)		6	6	6	6
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:8020、Y:6316、Z:5010	X:8020、Y:6316、Z:5010	X:8020、Y:6316、Z:5010	X:10020、Y:6316、Z:5010
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X-axis: linear way 55 /10 X 轴 : 滚柱导轨 55/10 Y-axis: linear way 55 /4 Y 轴 : 滚柱导轨 55/4 Z-axis: Box way Z 轨轴 : 矩形滑轨	X-axis: linear way 55 X 轴 : 线轨 55 Y-axis: linear way 55 Y 轴 : 线轨 55 Z-axis: Box way Z 轨轴 : 矩形滑轨		
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X 轴行星齿轮传动比 4：1；Y 轴行星齿轮传动比 3：1；Z 轴直连传动比 4：1 (选配：X 轴皮带传动 2.5:1；Y 轴直联传动 1:1；Z 轴直联传动 1:1) X-axis planetary gearing 4:1； Y-axis planetary gearing 3:1； Z-axis direct drive 1:1 (Option: X-axis belt drive 2.5:1; Y- and Z-axis direct drive 1:1 Y, Z axis direct drive 1:1)			
主轴电机选用推荐 Main motor		22kw 广域电机 22kW Wide-area motors			
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:50N · m;Y:40N · m;Z:30N · m(brake 抱闸)			
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		7750×5140×4100	9750×5260×4100	11750×5260×4100	13750×5260×4100
工作台承重 (t)Table load(t)		10	12	15	18
光机重量约 (t)Optical machine weight approx. (t)		33	38	43	50

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▶ 主要特点 MAIN FEATURES

- 1. 工作台面尺寸宽可选配 2500mm
- 2. 此机床可做方滑枕
- 1. The workbench size is optional with a width of 2500mm
- 2. This machine tool can be used as a square slider

BR4032 BR5032 BR6032 BR8032

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▶ 主要特点 MAIN FEATURES

- 1.BR4032 可选配整体加高 250、500、750mm 立柱，此时为 580~1830;830~2080:1080~2330;BR5032、6032、8032 可选配整体加高 250、500、750mm 立柱，此时为 500~1750;750~2000:1000~2250;
- 2. 此机床可做方滑枕
- 1. BR4032 can be optionally equipped with an overall height increase of 250, 500, and 750mm columns, which is 580-1830 at this time; 830~2080:1080~2330;BR5032、6032 and 8032 can be optionally equipped with integral raised columns of 250, 500, and 750mm, which are 500-1750 at this time; 750~2000:1000~2250;
- 2.This machine tool can be used as a square slider

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR4032	BR5032	BR6032	BR8032
工作台面尺寸 (宽 × 长) (mm)Worktable size （mm）		3000×4000	3000×5000	3000×6000	3000×8000
工作台移动方向行程 (X 轴 mm)X axis travel (mm)		4000	5000	6000	8000
主轴滑座移动方向行程 (Y 轴 mm)Y axis travel (mm)		3200(副行程 chesecondary trip3700)			
主轴上下移动方向行程 (Z 轴 mm)Z axis travel (mm)		1250(选配 optional：1500)			
龙门宽度 (mm) The width of the gantry(mm)		3200	3200	3200	3200
龙门过高 (mm) The high of the gantry(mm)		1700	1700	1700	1700
主轴端面至工作台面距离 (mm)Distance from spindle end to table surface(mm)		250 ~ 1500(可选配整体加高 250、500、750mm 立柱，此时为 500~1750:750~2000:1000~2250) (optional overall heightened 250, 500, 750mm column, at this time for 500 ~ 1750; 750 ~ 2000; 1000 ~ 2250)			
工作台 T 型槽 (数目一尺寸 × 间距) Table T-slots (N-S*spacing)		15-28×200			
主轴规格 (型号 / 安装直径) Spindle specifications (type/mounting diameter)		BT50/ϕ200			
主轴传动方式 Spindle drive mode	皮带式传动 (选配) Belt drive (optional)	转速 Rotating speed 6000r/min. 传动比 Transmission ratio 1.5:1			
	ZF 减速 + 皮带 (选配) ZF reduction + belt (optional)	转速 Rotating speed 6000r/min. 传动比 Transmission ratio 4:1			
	齿轮头 Gear heads	最高转速 Maximum speed 6000r/min 传动比 Transmission ratio 4.4:1			
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		10	10	8	8
切削进给速度 (m/min) Cutting feed rate(m/min)		6	6	6	5
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:8020、Y:8020、Z:6316	X:8020、Y:8020、Z:6316	X:10020、Y:8020、Z:6316	X:10020(action nut)、Y:8020、Z:6316
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X 轴 : 3 线轨 55；X-axis: 3 linear way 55 Y 轴 : 2 线轨 55；Y-axis: 2 linear way 55 Z 轴 : 矩形滑轨 55；Z-axis: Box way			
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X 行星齿轮 5:1; Y 行星齿轮 4:1; Z 行星齿轮 3:1 X planetary gear 5:1; Y planetary gear 4:1; Z planetary gear 3:1		X 行星齿轮 7:1; Y 行星齿轮 4:1; Z 行星齿轮 3:1 X planetary gear 7:1 ; Y planetary gear 4:1. Z planetary gear 3:1	X 行星齿轮 3:1+P 皮带 2.5:1; Y 行星齿轮 4:1; Z 行星齿轮 3:1 X planetary gear 3:1 + belt 2.5:1 Y planetary gear 4:1. Z planetary gear 3:1
主轴电机选用推荐 Main motor		30kW 广域电机（Wide-area motors）			
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:60N·m; Y:40N·m; Z:40N·m(抱闸 brake)			
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		10040×6570X5770	12440×6570×5770	14440×6570×5770	19240×6570×5770
工作台承重 (t)Table load(t)		12	15	18	22
光机重量约 (t)Optical machine weight approx. (t)		43	48	53	63

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BR5038 BR6038 BR8038
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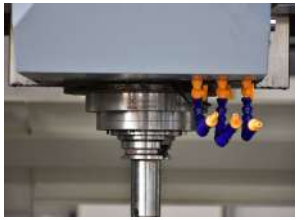

▶ 主要特点 MAIN FEATURES

- 1. 立柱可加高 100、150、200 等
- 2. 此机床可做方滑枕
- 1.The column can be raised by 100, 150, 200, etc.
- 2.This machine tool can be used as a square slider

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR5038	BR6038	BR8038
工作台面尺寸 (宽 × 长) (mm)Worktable size（mm）		3000×5000	3000×6000	3000×8000
工作台移动方向行程 (X 轴 mm)X axis travel (mm)		5000	6000	8000
主轴滑座移动方向行程 (Y 轴 mm)Y axis travel (mm)		3800(副行程 secondary trip4260)		
主轴上下移动方向行程 (Z 轴 mm)Z axis travel (mm)		1250(选配 Optional 1500)		
龙门宽度 (mm) The width of the gantry(mm)		3800	3800	3800
龙门过高 (mm) The high of the gantry(mm)		1700	1700	1700
主轴端面至工作台面距离 (mm)Distance from spindle end to table surface(mm)		250~1500(可选配整体加高 250、500、750mm 立柱 , 此时为 500~1750:750~2000:1000~2250) 250 ~ 1500 (optional overall heightened 250, 500, 750mm column, at this time for 500 ~ 1750; 750 ~ 2000; 1000 ~ 2250)		
工作台 T 型槽 (数目一尺寸 × 间距) Table T-slots (N-S*spacing)		15-28×200		
主轴规格 (型号 / 安装直径) Spindle specifications (type/mounting diameter)		BT50/φ200		
主轴传动方式 Spindle drive mode	皮带式传动 (选配) Belt drive (optional)	转速 Rotating speed 6000r/min. 传动比 Transmission ratio 1.5:1		
	ZF 减速 + 皮带 (选配) ZF reduction + belt (optional)	转速 Rotating speed 6000r/min. 传动比 Transmission ratio 4:1		
	齿轮头 Gear heads	转速 Speed6000r/min, 传动比 transmission ratio4.4:1		
快移进给速度 (m/min) Rapid traverse feed speed(m/min)		10	8	8
切削进给速度 (m/min) Cutting feed rate(m/min)		6	5	5
X、Y、Z 轴滚珠丝杠规格 / 螺距 X, Y, Z Axis Ball Screw Specifications/Pitch		X:8020、Y:8020、Z:6316	X:10020、Y:8020、Z:6316	X:10020(action nut)、Y:8020、Z:6316
X、Y、Z 轴导轨规格 / 滑块数量 X, Y, Z axis guide specifications/number of sliders		X 轴 : 3 线轨 55； X-axis: 3 linear way 55 Y 轴 : 2 线轨 55； Y-axis: 2 linear way 55 Z 轴 : 矩形滑轨 55； Z-axis: Box way		
X、Y、Z 轴伺服电机传动方式及传动比 X、Y、Z axis servo motor drive type and ratio		X 行星齿轮 5:1; Y 行星齿轮 4:1; Z 行星齿轮 3:1 X planetary gear 5:1 ; Y planetary gear 4:1; Z planetary gear 3:1	X 行星齿轮 7:1; Y 行星齿轮 4:1; Z 行星齿轮 3:1 X planetary gear 7:1 ; Y planetary gear 4:1; Z planetary gear 3:1	X 行星齿轮 7:1+ 皮带 2.5:1; Y 行星齿轮 4:1; Z 行星齿轮 3:1 X planetary gear 7:1 + belt 2.5:1 Y planetary gear 4:1. Z planetary gear 3:1
主轴电机选用推荐 Main motor		30kW g 广域电机 Wide-area motors		
X、Y、Z 三相伺服电机推荐 X, Y, Z three-phase servo motor recommendation		X:60N · m;Y:40N · m;Z:40N · m(抱闸 brake)		
光机外形尺寸 (长 × 宽 × 高)(mm) 行程最高点 Optical machine external dimensions (L×W×H)(mm) Stroke maximum point		12440×7170×5770	14440×7170×5770	19240×6570×5770
工作台承重 (t)Table load(t)		17	20	24
光机重量约 (t)Optical machine weight approx. (t)		50	55	65

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HMC50H HMC63H HMC63HP
卧式加工中心
HORIZONTAL MACHINING CENTER

▶ 主要特点 MAIN FEATURES

卧式加工中心是一种高精度、高效率的机床，能够用来加工精密零件，尤其是在航空、航天、汽车、电子、能源等领域有着广泛的应用。卧式加工中心具有较大的加工空间，相对于立式加工中心，卧式加工中心的以其多功能性而著称，能够在工件的不同面上执行各种加工操作，包括铣削、钻孔和攻丝，而无需重新定位。这种设计对于某些类型的加工任务尤为有利，常用于制造和精密工程领域。
The horizontal machining center is a high-precision, high-efficiency machine tool that can be used to process precision parts. It is widely used in aviation, aerospace, automobiles, electronics, energy and other fields. Horizontal machining centers have a larger machining space. Compared with vertical machining centers, horizontal machining centers are known for their versatility and can perform various machining operations on different sides of the workpiece, including milling, drilling and Tapping without repositioning. This design is particularly advantageous for certain types of machining tasks and is commonly used in manufacturing and precision engineering.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	HMC-50H	HMC63H	HMC63H（齿轮箱） HMC63H（Gearbox）	HMC63HP(Z 轴硬轨) HMC63HP(Z-AXIS BOXWAY)	HMC63H 正 T 交换 HMC63H(Positive T exchange)
XX/Y/Z 轴 X/Y/Z axis	700*610*600	1100/750/900	1100/880/900	1100/900/920	1000/900/910
主轴端面至工作台中心距离 Distance from spindle nose to worktable	60 ~ 660	130 ~ 1030	130 ~ 1030	200 ~ 1120	200 ~ 1100
主轴中心到工作台面距离 Distance from spindle center to worktable	40 ~ 650	120 ~ 870	0 ~ 880	70 ~ 970	70 ~ 970
减速比 Reduction ratio	1:240	1:240	1:240	1:240	1:240
工作台尺寸（长 * 宽） Worktable size（L*W）	500*500	630×700	630×700	630×700	630×630
最大承重 Max. load	500	1500	1500	1500	1200
工作台分度数 Worktable indexing	1° /0.001°	1° /0.001°	1° /0.001°	1° /0.001°	1° /0.001°
T 型槽（槽数 - 槽宽 - 间距） T slot(number-width-pitch)	5-18-80	5-22-125	5-22-125	5-22-125	5-18-125
主轴锥孔（型号 / 安装尺寸） Spindle taper（modle/DIA）	BT40-150	BT50-190	BT50-190	BT50-190	BT50-190
主轴转速 Spindle speed	8000	6000	6000	6000	6000
X/Y/Z 轴快速进给 X/Y/Z axis rapid feed	30/30/30	24/24/24	24/24/24	24/24/20	30/30/30
最大切削进给 Max.cutting feed	10000	10000	10000	10000	10000
换刀方式 Exchanger type	Arm	Arm	Arm	Arm	Arm
刀柄规格 Tool holder	BT40	BT50	BT50	BT50	BT50
刀具容量 Tool capacity	BT40-24/30 圆盘 (Disc)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)
最大刀具重量 Max.tool weight	8	18	18	18	18
最快换刀时间（T-T） Fastest tool change time (T-T)	2.5	5	5	5	5
主电机功率 Motor power	11/15	15/18.5	15/18.5	15/18.5	15/18.5
X/Y/Z 定位精度 X/Y/Z positioning accuracy	±0.006	±0.006	±0.006	±0.006	±0.006
四轴分割 The 4th-axis segmentation	±5	±5	±5	±5	±5
重复定位精度 Repeatable positioning accuracy	±0.004	±0.004	±0.004	±0.004	±0.004
四轴定位 The 4th-axis positioning	±1	±1	±1	±1	±1
主电机 Main motor	12/10000rpm	IP30/8000rpm	IP30/8000rpm	IP30/8000rpm	IP30/8000rpm
X 轴电机 X axis	22/2000rpm	30/2000rpm	30/2000rpm	30/2000rpm	30/2000rpm
Y 轴电机 Y axis	22B/2000rpm	30B/2000rpm	30B/2000rpm	30B/2000rpm	30B/2000rpm
Z 轴电机 Z axis	22-2000rpm	40/2000rpm	40/2000rpm	40/2000rpm	40/2000rpm
The 4th-axis	12/2000rpm	12/2000rpm	12/2000rpm	12/2000rpm	12/2000rpm
X/Y/Z 轴 X/Y/Z axis	40/40/40	40/40/50	40/40/50	40/40/50	50/50/50
X/Y/Z 轴 滚柱 X/Y/Z(Roller)	45/45/45	45/45/55	45/45/55	45/45/55	65/55/65
整机 Completed machine	1400	1500	1500	1500	1190
长 * 宽 * 高 L*W*H	2500*3300*2560	3850×3550×3200	3850×3550×3200	3850×3550×3200	-
重量约 Weight	7	12	12	12.4	15

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HMC80H HMC80HP HMC100H
卧式加工中心
HORIZONTAL MACHINING CENTER

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	HMC80HP(轻型 Z 轴硬轨) HMC80HP(Light Z-AXIS BOXWAY)	HMC80H 标配、选配齿轮箱 HMC80H(Opt Gearbox)	HMC100H	HMC100H（齿轮箱） HMC100H（Gearbox)
XX/Y/Z 轴 X/Y/Z axis	1100/900/920	1300/9000/1000	1600/1000/1000	1600/1000/1000
主轴端面至工作台中心距离 Distance from spindle nose to worktable	200 ~ 1120	200 ~ 1200	200 ~ 1200	200 ~ 1200
主轴中心到工作台面距离 Distance from spindle center to worktable	70 ~ 970	80 ~ 1080	120 ~ 1120	0 ~ 1000
减速比 Reduction ratio	1:240	1:200	1:200	1:200
工作台尺寸（长 * 宽） Worktable size（L*W)	800×800	800*800	1000*1000	1000*1000
最大承重 Max. load	1500	2500	2500	2500
工作台分度数 Worktable indexing	1° /0.001°	1° /0.001°	1° /0.001°	1° /0.001°
T 型槽（槽数 - 槽宽 - 间距） T slot(number-width-pitch)	5-22-125	5-22-160	5-22-160	5-22-160
主轴锥孔（型号 / 安装尺寸） Spindle taper（modle/DIA）	BT50-190	BT50-190	BT50-190	BT50-190
主轴转速 Spindle speed	6000	6000	6000	6000
X/Y/Z 轴快速进给 X/Y/Z axis rapid feed	24/24/20	20/20/20	20/20/20	20/20/20
最大切削进给 Max.cutting feed	10000	10000	10000	10000
换刀方式 Exchanger type	Arm	Arm	Arm	Arm
刀柄规格 Tool holder	BT50	BT50	BT50	BT50
刀具容量 Tool capacity	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)
最大刀具重量 Max.tool weight	18	18	18	18
最快换刀时间（T-T) Fastest tool change time (T-T)	5	5	5	5
主电机功率 Motor power	15/18.5	15/18.5	15/18.5	15/18.5
X/Y/Z 定位精度 X/Y/Z positioning accuracy	±0.006	±0.006	±0.006	±0.006
四轴分割 The 4th-axis segmentation	±5	±5	±5	±5
重复定位精度 Repeatable positioning accuracy	±0.004	±0.004	±0.004	±0.004
四轴定位 The 4th-axis positioning	±1	±1	±1	±1
主电机 Main motor	IP30/8000rpm	IP30/8000rpm	IP30/8000rpm	IP30/8000rpm
X 轴电机 X axis	30/2000rpm	30/2000rpm	30/2000rpm	30/2000rpm
Y 轴电机 Y axis	30B/2000rpm	30B/2000rpm	30B/2000rpm	30B/2000rpm
Z 轴电机 Z axis	40/2000rpm	40/2000rpm	40/2000rpm	40/2000rpm
The 4th-axis	12/2000rpm	12/2000rpm	12/2000rpm	12/2000rpm
X/Y/Z 轴 X/Y/Z axis	40/40/50	50/50/50	50/50/50	50/50/50
X/Y/Z 轴 滚柱 X/Y/Z(Roller)	45/45/55	55/55/55	55/55/55	55/55/55
整机 Completed machine	1500	2000	2000	2000
长 * 宽 * 高 L*W*H	3850×3550×3200	4850/6880×4280×4100	4850/6880×4280×4100	4850/6880×4280×4100
重量约 Weight	13	16.5	17.3	17.3

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HMC630S HMC800S HMC1000S
卧式加工中心
HORIZONTAL MACHINING CENTER

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	Units	HMC630S	HMC800S	HMC1000S
工作台尺寸 Table size	mm	630*630	800*800	1000*1000
工作台左右行程 (X 轴) X axis travel	mm	1050	1300	1600
工作台前后行程 (Z 轴) Z axis travel	mm	900	1000	1000
主轴箱上下行程 (Y 轴) Y axis travel	mm	700	1000	1000
主轴中心到工作台面距离 Distance from spindle center to table surface	mm	120-870	150-1150	120-1120
主轴端部到工作台中心距离 Distance between spindle nose and table center	mm	130-1030	200-1200	200-1200
工作台数量 Table quantity	pcs	2	2	2
T 型槽（槽数 - 槽宽 - 间距） T slot(number-width-pitch)	mm	5-22*125	5-22*125	5-22*125
工作台最大承重 Max.worktable load	kg	800	1500	1500
工作台分度 Table Indexing	°	1° *360	1° *360	1° *360
转台最大速度 Maximum speed of table	r/min	10	10	10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5
主轴锥度 Spindle taper		BT50-190	BT50-190	BT50-190
主轴转速 Max.spindle speed	rpm	6000	6000	6000
切削进给速度 Cutting feed speed	mm/min	1-10000	1-10000	1-10000
快移速度 Rapid traverse speed	m/min	36/20/24	24/20/24	24/20/24
刀库 Tool magazine		圆盘 Arm 30	圆盘 Arm 30	圆盘 Arm 30
刀具最大直径 Max.tool diameter	mm	112/200	112/200	112/200
刀具最大长度 Max.tool length	mm	400	400	400
刀具最大重量 Max.tool weight	kg	18	18	18
刀具交换时间（刀对刀） Tool change time (tool to tool)	sec	3	3	3
机床最小设定单位 Machine minimum setting unit	mm	0.001	0.001	0.001
X、Y、Z 向定位精度 X,Y,Z axis positioning accuracy	mm	0.012	0.012	0.012
X、Y、Z 向重复定位精度 X,Y,Z axis repeat positioning accuracy	mm	0.008	0.008	0.008
B 轴定位精度（工作台旋转） B axis positioning accuracy	"	10"	10"	10"
B 轴重复定位精度（工作台旋转） B axis repeat positioning accuracy	"	5"	5"	5"
机床重量 Machine weight	kg	15000	20000	22000
外形尺寸（长 x 宽 x 高） Overall dimension(L*W*H)	mm	6200*4100*3200	6600*4300*3300	7000*4500*3300

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HMC1410H HMC125HS 卧式加工中心

HORIZONTAL MACHINING CENTER

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	HMC1410H	HMC1410H 转台承重 5 吨 HMC1410H(Load 5T)	HMC125HS
XX/Y/Z 轴 X/Y/Z axis	1800/1000/1400	2000/1000/1400	2700/1600/1600
主轴端面至工作台中心距离 Distance from spindle nose to worktable	350 ~ 1750	200 ~ 1600	200 ~ 1600
主轴中心到工作台面距离 Distance from spindle center to worktable	120 ~ 1120	120 ~ 1120	550 ~ 2150, 膛杆伸 500 550 ~ 2150,Bore rod extension 500
减速比 Reduction ratio	1:200	1:360	1:360
工作台尺寸（长 * 宽） Worktable size（L*W)	1000*1000	1200*1200	1250*1250
最大承重 Max. load	2500	5000	5000
工作台分度数 Worktable indexing	1° /0.001°	1° /0.001°	1° /0.001°
T 型槽（槽数 - 槽宽 - 间距） T slot(number-width-pitch)	5-22-160	7-22-140	7-22-140
主轴锥孔（型号 / 安装尺寸） Spindle taper（modle/DIA）	BT50-190	BT50-190	BT50-190
主轴转速 Spindle speed	6000	6000	6000
X/Y/Z 轴快速进给 X/Y/Z axis rapid feed	20/20/20	20/20/20	16/16/16/8
最大切削进给 Max.cutting feed	10000	10000	10000
换刀方式 Exchanger type	Arm	Arm	Arm
刀柄规格 Tool holder	BT50	BT50	BT50
刀具容量 Tool capacity	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)	BT50-30/40 圆盘 (Disc) BT50-60 链式 (Chain)
最大刀具重量 Max.tool weight	18	18	18
最快换刀时间（T-T) Fastest tool change time (T-T)	5	5	5
主电机功率 Motor power	15/18.5	15/18.5	15/18.5
X/Y/Z 定位精度 X/Y/Z positioning accuracy	±0.006	±0.006	±0.006
四轴分割 The 4th-axis segmentation	±5	±5	±5
重复定位精度 Repeatable positioning accuracy	±0.004	±0.004	±0.004
四轴定位 The 4th-axis positioning	±1	±1	±1
主电机 Main motor	IP30/8000rpm	IP30/8000rpm	IP30/8000rpm
X 轴电机 X axis	30/2000rpm	30/2000rpm	30/2000rpm
Y 轴电机 Y axis	30B/2000rpm	30B/2000rpm	30B/2000rpm
Z 轴电机 Z axis	40/2000rpm	40/2000rpm	40/2000rpm
The 4th-axis	12/2000rpm	12/2000rpm	12/2000rpm
X/Y/Z 轴 X/Y/Z axis	50/50/50	50/50/50	63/63/63
X/Y/Z 轴 滚柱 X/Y/Z(Roller)	55/55/55	55/55/55	65/65/65
整机 Completed machine	2400	2400	2500
长 * 宽 * 高 L*W*H	5250/7080×4480×4100	5250/7080×4480×4100	6350×6200×4200
重量约 Weight	18.5	20	32

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BR-WZ320B BR-WZ550B BR-WZ650B
牛头式五轴加工中心
BULLHEAD TYPE FIVE-AXIS MACHINING CENTER

▶ 主要特点 MAIN FEATURES

五轴联动加工中心也叫五轴加工中心，是一种科技含量高、精密度高专门用于加工复杂曲面的加工中心，五轴联动加工中心有高效率、高精度的特点，工件一次装夹就可完成复杂的加工。能够适应像汽车零部件、飞机结构件等现代模具的加工。 五轴联动数控加工中心系统是解决叶轮、叶片、船用螺旋桨、重型发电机转子、汽轮机转子、大型柴油机曲轴等等加工的唯一手段。
The five-axis linkage machining center is also called the five-axis machining center. It is a high-tech, high-precision machining center specially used for machining complex curved surfaces. The five-axis linkage machining center has the characteristics of high efficiency and high precision. The workpiece can complete complex machining in one clamping. It can adapt to the processing of modern molds such as automotive parts and aircraft structural parts. The five-axis linkage machining center system is the only means to solve the processing of impellers, blades, marine propellers, heavy generator rotors, turbine rotors, large diesel engine crankshafts, etc.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	Units	BR-WZ320B	BR-WZ550B	BR-WZ650B
工作台面尺寸 Dimension of worktable	mm	φ400	φ550	φ650
左右行程 Left and right travel(X)(	mm	800(Left：500,Right：300)	800(Left：500,Right：320)	800(Left：500,Right：320)
前后行程 ront and back travel(Y)	mm	360	450	520
上下行程 vertical stroke(Z)	mm	400	400	500
主轴中心至立柱导轨距离 Distance from spindle center to column guide rail	mm	184	156	187
主轴端面至工作台面距离 Distance from spindle end face to work surface	mm	200-600	200-600	150-650
工作台 T 型槽 (数目 - 尺寸 × 间距) Table T-slots (Number - size × spacing)	-	8-14×45° (发散型)) Divergence form	8-14×45° (发散型)) Divergence form	8-14×45°（发散型）) Divergence form
主轴规格 (型号 / 安装尺寸)Spindle specification (Model/mounting size)	-	BT40/φ120 直联 (选配电主轴) Direct,optional Electric spindle	电主轴 HSK63A Electric spindle	BT40/ Ø150 直联（选配电主轴) Direct,optionalElectric spindle
主轴转速 Spindle speed	rpm	12000（选配 optional:20000)	20000	15000（选配 optional:20000)
刀库规格 Tool magazine specifications	-	标配 BT40-24T 圆盘刀库（选配链式) Disc tool magazine (optional Chain tool magazine)	HSK63A-24T 圆盘刀库 Disc tool magazine	标配 BT40-24T 圆盘刀库（选配链式) Disc tool magazine (optional Chain tool magazine)
X/Y/Z 轴滚珠丝杆规格 X/Y/Z axis ball screw specifications	-	4012/4012/3212	4012/4012/4012	4012/4012/4012
X/Y/Z 轴线轨规格 X/Y/Z axis rail specifications	-	35# 滚柱线轨 35#Roller linear way	45# 滚柱 (X)/35# 滚柱 (YZ) Roller linear way	45# 滚柱线轨 45#Roller linear way
三轴快移速度 Three axis fast moving speed	M/min	X=36,Y=36,Z=36	X=24,Y=24,Z=24	X=24,Y=24,Z=24
X/Y/Z 电机联接方式 Connection mode of X/Y/Z motor	-	直联 Direct	直联 Direct	直联 Direct
推荐选用主电机参数 Main motor parameters are recommended.	KW	7.5	主轴扭矩 spindle torque(S1/S6)35/42NM	9
推荐选用 X.Y.Z 轴电机参数 X.Y.Z axis motor parameters are recommended.	NM	22,22,22	22,22,22	22,22,22
床身垫块高度 Bed pad height(mm)	mm		40	60
导轨护罩支架 Guide rail guard bracket(X、Y、Z)	mm	145、100、无 None	——	——
工作台承重 Table Loading	kg	水平 200、垂直 160 Horizontal200，Vertical 160	水平 300、垂直 180 Horizontal300，Vertical 180	水平 300/ 垂直 180 Horizontal300，Vertical 180
内、外钣金 (含链式排屑机、小推车) Internal and external sheet metal (including chain chip conveyor, trolley)	kg	选配 optional	选配 optional	选配 optional
水冷 / 油冷 / 液压站 Water cooling/oil cooling/hydraulic station	-	无 None	5kw 水冷机 / 标配 / 标配	无 None
光机净重约 (含五轴转台) Net weight of casting frame (including five axis turntable)	T	4.7	6	7.5

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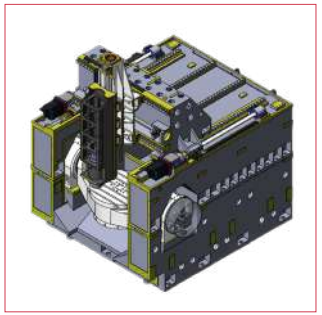
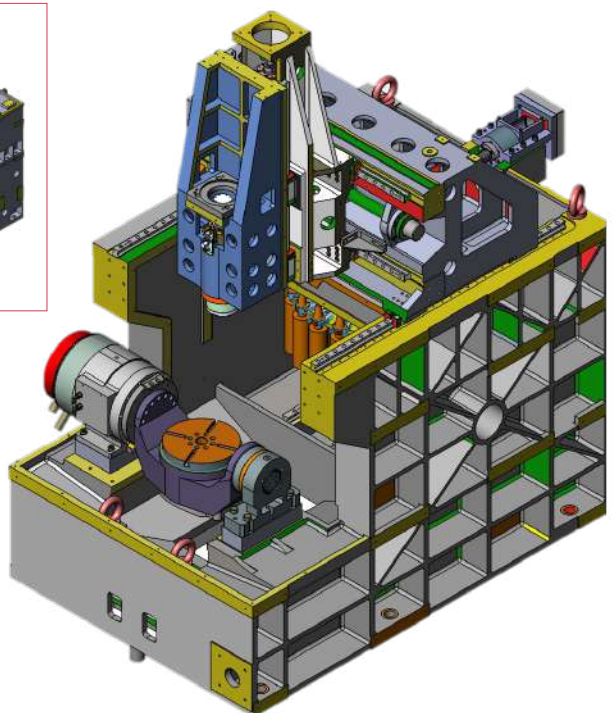
BR-TW260 BR-TW400 BR-TW650 BR-TW800
天车式五轴加工中心
CROWN-TYPE FIVE-AXIS MACHINING CENTER



BR-TW800



BR-TW260

▶ 主要特点 MAIN FEATURES

五轴联动加工中心也叫五轴加工中心，是一种科技含量高、精密度高专门用于加工复杂曲面的加工中心，五轴联动加工中心有高效率、高精度的特点，工件一次装夹就可完成复杂的加工。能够适应像汽车零部件、飞机结构件等现代模具的加工。 五轴联动数控加工中心系统是解决叶轮、叶片、船用螺旋桨、重型发电机转子、汽轮机转子、大型柴油机曲轴等等加工的唯一手段。
The five-axis linkage machining center is also called the five-axis machining center. It is a high-tech, high-precision machining center specially used for machining complex curved surfaces. The five-axis linkage machining center has the characteristics of high efficiency and high precision. The workpiece can complete complex machining in one clamping. It can adapt to the processing of modern molds such as automotive parts and aircraft structural parts. The five-axis linkage machining center system is the only means to solve the processing of impellers, blades, marine propellers, heavy generator rotors, turbine rotors, large diesel engine crankshafts, etc.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	Units	BR-TW260	BR-TW400	BR-TW650	BR-TW800
工作台面尺寸 Dimension of worktable (mm)	mm	φ260(选配)	φ400	φ630(选配 optional)	φ800
左右行程 Left and right travel(X)(mm)	mm	400	500	700	850
前后行程 ront and back travel(Y)(mm)	mm	500	500	780(前 ront 420, 后 back32)	1000
上下行程 vertical stroke(Z)(mm)	mm	350	450	500	600
主轴端面至工作台面距离 Distance from spindle end face to work surface(mm)	mm	130-480	100-550	120-620	180-780
工作台 T 型槽 (数目 - 尺寸 × 间距) Table T-slots (Number - size × spacing)	mm	4-12×90° (发散型，选配)Divergence form, optional	4-12×90° (发散型，选配)Divergence form, optional	7-14×80° (选配)optional	7-22×110
主轴规格 (型号 / 安装尺寸) Spindle specification (Model/ mounting size)	-	BT30/φ100 直联 Direct	BT40/φ150 直联 Direct	BT40/φ150 直联 Direct	BT40/φ150 直联 Direct
主轴转速 Spindle speed	-	20000	12000	12000	12000
刀库规格 Tool magazine specifications	rpm	BT30-20T 平置伞形 Horizontal umbrella tool magazine	BT40-20T 平置伞形 Horizontal umbrella tool magazine	BT40-20T 平置式链式刀库 Horizontal chain tool magazine	BT40-40T 平置式链式刀库 Horizontal chain tool magazine
X/Y/Z 轴滚珠丝杆规格 X.Y.Z axis ball screw specifications	-	4012/4012/4012	4012/4012/4012	4012/5512/4012	4012/5020/4012
X/Y/Z 轴线轨规格 X/Y/Z axis rail specifications	-	30# 滚柱线轨 R oller linear way	35# 滚柱线轨 Roller linear way	45# 滚柱线轨 Roller linear way	45# 滚柱线轨 Roller linear way
三轴快移速度 Three axis fast moving speed(M/min)	-	X=36,Y=36,Z=36	X=36,Y=36,Z=36	X=36,Y=24,Z=36	X=36,Y=36,Z=36
X.Y.Z 电机联接方式 Connection mode of X.Y.Z motor	M/ min	直联 Direct	直联 Direct	直联 Direct	直联 Direct
推荐选用主电机参数 Main motor parameters are recommended.(KW)	-	5.5-7.5	7.5	11	15
推荐选用 X.Y.Z 轴电机参数 X.Y.Z axis motor parameters are recommended.(NM)	KW	16,20,20	16,20,20	20,40,30	22,30×2,30
床身垫块高度 Bed pad height(mm)	NM	60	60	30	30
工作台承重 Table Loading(kg)	mm	水平 80、中直 50(选配) Horizontal 80， vertical 50 （optional）	水平 300、垂直 180(选配) Horizontal 300， vertical 180 （optional）	水平 600、垂直 360(选配) Horizontal 600， vertical 360 （optional）	水平 1200、垂直 800(选配)Horizontal 1200， vertical 800 （optional）
水冷 / 油冷 / 液压站 Water cooling/oil cooling/hydraulic station	mm	无 none	无 none	无 none	无 none
光机净重约 (含五轴转台) Net weight of casting frame (including five axis turntable)	kg	3.6	3.6	7.5	15.0

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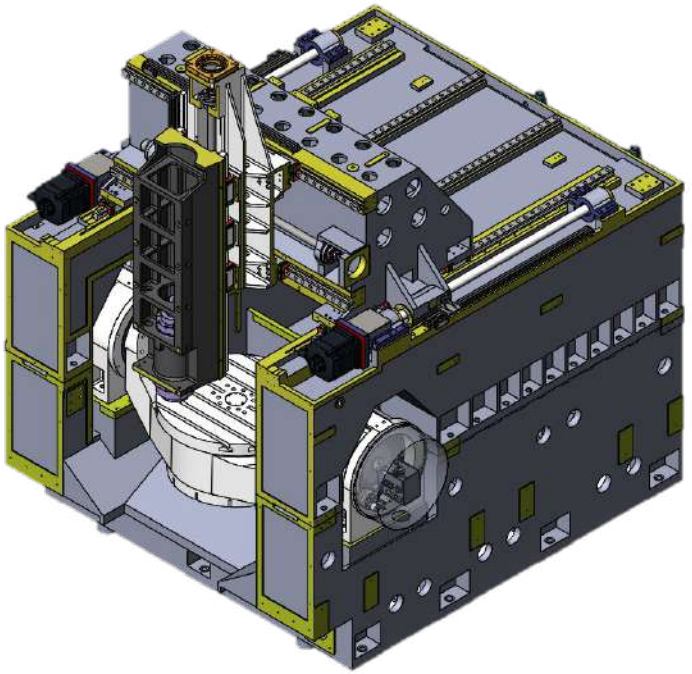
BR-C400 BR-C650A BR-C650B BR-C800A BR-C800B

天车式五轴加工中心

BULLHEAD TYPE FIVE-AXIS MACHINING CENTER



▶ 主要特点 MAIN FEATURES

五轴联动加工中心也叫五轴加工中心，是一种科技含量高、精密度高专门用于加工复杂曲面的加工中心，五轴联动加工中心有高效率、高精度的特点，工件一次装夹就可完成复杂的加工。能够适应像汽车零部件、飞机结构件等现代模具的加工。 五轴联动数控加工中心系统是解决叶轮、叶片、船用螺旋桨、重型发电机转子、汽轮机转子、大型柴油机曲轴等等加工的唯一手段。

The five-axis linkage machining center is also called the five-axis machining center. It is a high-tech, high-precision machining center specially used for machining complex curved surfaces. The five-axis linkage machining center has the characteristics of high efficiency and high precision. The workpiece can complete complex machining in one clamping. It can adapt to the processing of modern molds such as automotive parts and aircraft structural parts. The five-axis linkage machining center system is the only means to solve the processing of impellers, blades, marine propellers, heavy generator rotors, turbine rotors, large diesel engine crankshafts, etc.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		Units	BR-C400（Y 轴单驱）Y-axis single drive	BR-C650A（Y 轴双驱）Y-axis dual drive	BR-C650（Y 轴单驱）Y-axis single drive	BR-C800A（Y 轴双驱）Y-axis dual drive	BR-C800（Y 轴单驱）Y-axis single drive
行程 travel	X 轴行程 X-axis travel	mm	500	750	700	850	850
	Y 轴行程 Y-axis travel	mm	500	1000	780	1000	945
	Z 轴行程 Z-axis travel	mm	450	600	500	600	600
	A 轴行程 A-axis travel	deg	-120 ~ +120	-120 ~ +120	-120 ~ +120	-120 ~ +120	-120 ~ +120
	C 轴行程 C-axis travel	deg	n×360	n×360	n×360	n×360	n×360
	X 轴行程关于工作台中心分布 X-axis travel is distributed about the center of the table	mm	-250 ~ +250	-375 ~ +375	-350 ~ +350	-425 ~ +425	-425 ~ +425
	Y 轴行程关于 A 轴轴线分布 Y-axis travel distribution with respect to A-axis	mm	—250 ~ +250	—500 ~ +500	—420 ~ +360	—500 ~ +500	—500 ~ +445
	主轴鼻端到台面最大距离 Maximum distance from spindle end face to work surface	mm	550	750	620	780	780
	主轴鼻端到台面最小距离 Minimum distance from spindle end face to work surface	mm	100	150	120	180	180
工作台 workbench	类型 type	/	直驱（选配上银 RAB400）Direct drive (optional HIWIN RAB400 turntable)	直驱（选配上银 RAB630 转台）Direct drive (optional HIWIN RAB630 turntable)		直驱（选配上银 RAB800 转台）Direct drive (optional HIWIN RAB800 turntable)	
	工作台尺寸 Table size	mm	Φ400	Φ630	Φ630	Φ800	Φ800
	工作台最大载 Maximum load of workbench	kg	500	850	850	1200	1200
	工件最大回转 Maximum rotating diameter of the workpiece	mm	Φ450	Φ800	Φ800	Φ1000	Φ1000
	工件最大高度 Maximum height of workpiece	mm	305	525	485	550	550
主轴（标配）Spindle (standard)	主轴类型 Spindle type	/	机械主轴 Mechanical spindle				
	主轴锥孔规格 Spindle taper hole specification	/	BT40	BT40	BT40	BT40	BT40
	主轴电机推荐额定功 Recommended rated power of spindle motor	kW	7.5	11	11	15	15
	主轴转速范围 Spindle speed range	rpm	12000	12000	12000	12000	12000
主轴（选配）Spindle (Optional)	主轴类型 Spindle type	/	电主轴 Motor spindle				
	主轴锥孔规格 Spindle taper hole specification	/	HSK-A63	HSK-A63	HSK-A63	HSK-A63	HSK-A63
	主轴套筒直径 Spindle sleeve diameter	mm	ϕ150	ϕ150	ϕ150	ϕ190	ϕ190
	主轴额定功率 Spindle power rating	kW	20	20	20	30	30
	主轴额定扭矩 Rated spindle torque	N.M	S1:35/S6:42	S1:35/S6:42	S1:35/S6:42	S1:70/S6:85	S1:70/S6:85
	主轴转速范围 Spindle speed range	rpm	20000	20000	20000	16000	16000
刀库（选配）Tool magazine (optional)	刀库形式 Tool magazine form	/	平置式链式 Horizontal chain tool magazine				
	刀库容量 Tool capacity	/	24/32	32/40	32/40	32/40	32/40
	最大刀具直径 / 长度 Maximum tool diameter/length	mm	ϕ60/250	ϕ80/300	ϕ80/300	ϕ80/300	ϕ80/300
进给 Feed	X/Y/Z 轴快速移动速 X/Y/Z axis fast moving speed	m/min	36/36/36	36/36/36	36/24/36	36/36/36	36/15/36
	X/Y/Z 轴线轨规格 X/Y/Z axis rail specifications	N.M	35/35/35 滚柱 Roller linear way	45/45/45 滚柱 Roller linear way			
	X/Y/Z 轴丝杆规格 X/Y/Z axis ball screw specifications	/	R4012/R4012/R4012	R4012/R5020/R4012	R4012/R5512/R4012	R4012/R5020/R4012	R4012/R5512/R4012
	推荐选用 X/Y/Z 轴电机扭矩 recommended X/Y/Z axis motor torque	/	⩾ 16、⩾ 22、⩾ 22	⩾ 22、⩾ 30×2、⩾ 30	⩾ 22、⩾ 40、⩾ 30	⩾ 22、⩾ 30×2、⩾ 30	⩾ 22、⩾ 40、⩾ 30
其他 Other	光机重量（不含转台）Net weight of casting frame (excluding turntable)	T	约 45000(About)	约 11000(About)	约 8000(About)	约 12000(About)	约 95000(About)

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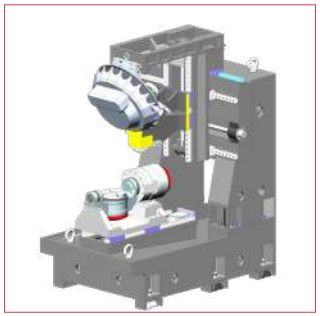
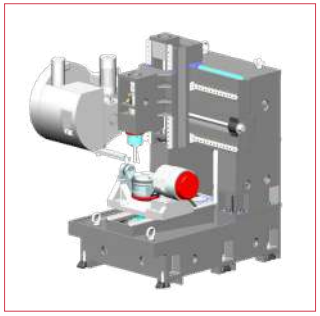
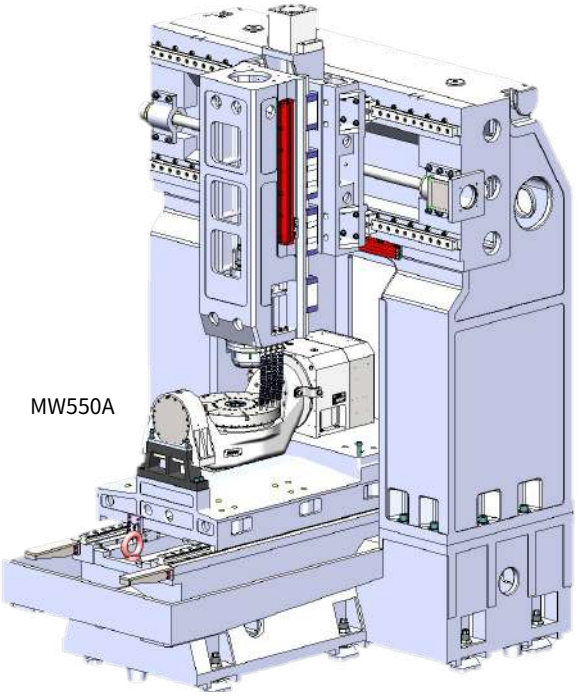
BR-MW210A BR-MW210B BR-MW550A
龙门式五轴加工中心
GANTRY TYPE FIVE-AXIS MACHINING CENTER



MW210A



MW210B



MW550A

▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	Units	BR-MW210A	BR-MW210B	BR-MW550A
工作台面尺寸 Dimension of worktable	mm	ϕ200	ϕ200	Φ550
X 轴行程 X axis travel	mm	600	700	900
Y 轴行程 X axis travel	mm	360	400	600
Z 轴行程 X axis travel	mm	300	300	450
主轴中心至立柱导轨距离 (mm)Distance from spindle center to column guide rail	mm	380	320	395
主轴端面至工作台面距离 Distance from spindle nose to work surface(mm)	mm	120-420	120-420	120-570
工作台 T 型槽 (数目 - 尺寸 × 间距)Table T-slots (Number - size × spacing)	-	4-12×90° (发散型) Divergence form	4-12×90° (发散型) Divergence form	4-12×45°（发散性） Divergence form
主轴规格 (型号 / 安装尺寸)Spindle specification (Model/mounting size)	-	BT30/ϕ100 直联 Direct	BT40/ϕ120 直联 Direct	BT40/ϕ150 直联 Direct
主轴转速 Spindle speed	rpm	20000	12000	12000
刀库规格 Tool magazine specifications	/	BT30-21T 夹臂式 Clamp-arm tool magazine	BT40-24T 圆盘 Disc tool magazine	BT40-24T 圆盘 Disc tool magazine
主轴额定扭矩 （N.m） Spindle rated torque (N.m)	/	/	/	35（S1）42（S6）
X/Y/Z 轴滚珠丝杆规格 X/Y/Z axis ball screw specifications	/	2816/2816/3216	2816/2816/3216	5510/5510/5510
X/Y/Z 轴线轨规格 X/Y/Z axis rail specifications	/	XY30# 滚珠线轨 Ball linear way/ Z30# 滚柱线轨 Roller linear way	XY30# 滚珠线轨 Ball linear way/ Z30# 滚柱线轨 Roller linear way	45# 滚柱线轨 45# Roller linear way
三轴快移速度 Three axis fast moving speed	m/min	X=30,Y=30,Z=30	X=30,Y=30,Z=30	X=24,Y=24,Z=24
X.Y.Z 电机联接方式 Connection mode of X.Y.Z motor	/	直联 Direct	直联 Direct	直联 Direct
推荐选用主电机参数 Recommended main motor parameters	kW	3.7-5.5	5.5-7.5	7.5-11
推荐选用 X/Y/Z 轴电机参数 Recommended x/y/z axis motol parameters recommended.	kW	22,16,16	22,16,16	22,22,22
床身垫块高度 Bed pad height	mm	40	40	50
工作台承重 Table Loading	kg	水平 40、垂直 24 Horizontal 40， vertical 24	水平 50、垂直 30 Horizontal 50， vertical 30	水平 300/ 垂直 180 Horizontal 300， vertical 180
水冷 / 油冷 / 液压站 Water cooling/oil cooling/hydraulic station	/	无 None	无 None	无 None
光机净重约 (含五轴转台) Net weight of casting frame (including five axis turntable)	T	3.1T	3.1T	6T

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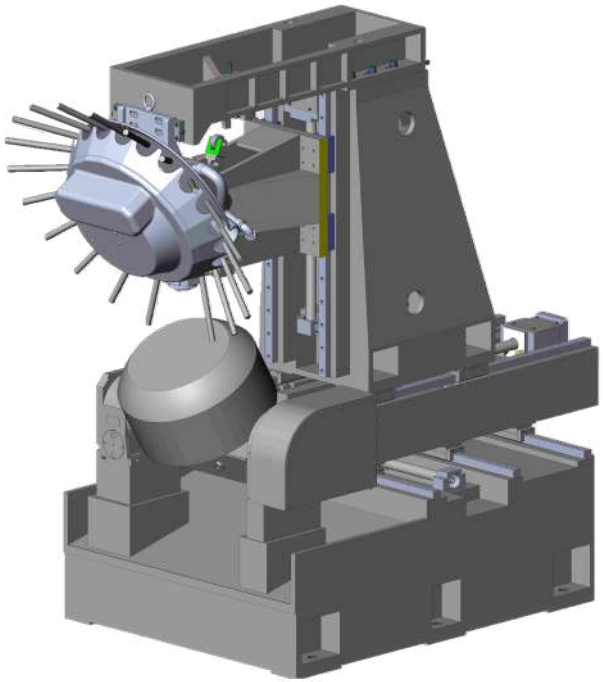
BR-DW260 BR-VW320 BR-VW320A BR-L1160B

动柱式五轴加工中心

MOVING COLUMN TYPE FIVE-AXIS MACHINING CENTER



BR-DW400

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	Units	BR-DW400	BR-VW320	BR-VW320A	BR-L1160B
工作台面尺寸 Dimension of worktable	mm	ϕ400	ϕ320	ϕ320	ϕ400
X 轴行程 X axis travel	mm	500	800	800	1100
Y 轴行程 X axis travel	mm	500	550	550	600
Z 轴行程 X axis travel	mm	300	550	550	300/600（装 300 加高垫）300 heightening pad installed
主轴端面至工作台面距离 Distance from spindle nose to work surface	mm	140-440	120-670	110-660	120-420/120-720（装 300 加高垫）300 heightening pad installed
工作台 T 型槽 (数目 - 尺寸 × 间距) Table T-slots (Number - size × spacing)	mm	8-14×45° (发散型 Divergence form)	4-14×90° (发散型 Divergence form)	4-(14H7×90°)	8-(12H7×45°)
主轴规格 (型号 / 安装尺寸) Spindle specification (Model/ mounting size)	-	BT30/ϕ100	BT40/ϕ150 直联 Direct	BT40/ϕ150 短鼻 short nose	BT40/ϕ150
主轴转速 Spindle speed	-	20000	12000	12000	12000
刀库规格 Tool magazine specifications	rpm	BT30-21T 普通夹臂式 Clamp-arm tool magazine	BT40-24T 圆盘 Disc tool magazine		BT40-24T 圆盘 Disc tool magazine
X/Y/Z 轴滚珠丝杆规格 X.Y.Z axis ball screw specifications	-	3616	4016	4016	4012
X/Y/Z 轴线轨规格 X/Y/Z axis rail specifications	-	35# 滚柱线轨 Roller linear way	MSR35/MSR45 MSR45（滚柱线轨 Roller linear way）	MSR35 滚柱 Roller linear way/ MSR45 滚柱 Roller linear way MSR456 滑块滚柱 Slider roller	MSR45（滚柱线轨 Roller linear way）
三轴快移速度 Three axis fast moving speed	-	X=36,Y=36,Z=36	X=36,Y=36,Z=36	X=48,Y=48,Z=48	X=24,Y=24,Z=24
X.Y.Z 电机联接方式 Connection mode of X.Y.Z motor	M/ min	直联 Direct	直联 Direct	直联 Direct	直联 Direct
推荐选用主电机参数 Main motor parameters are recommended.	-	5.5	7.5	7.5	7.5
推荐选用 X.Y.Z 轴电机参数 X.Y.Z axis motor parameters are recommended.	KW	22,22,22	16,16,16	16,16,22	16,16,16
床身垫块高度 Bed pad height	NM	40			
导轨护罩支架 Guide rail guard bracket(X、Y、Z)	mm		420、245、无 None	415、280、225	420、250、无 None
工作台承重 Table Loading	mm	水平 300、垂直 180 Horizontal 300，vertical 180	水平 60、垂直 36 Horizontal 60，vertical 36	水平 60、垂直 36 Horizontal 60，vertical 36	水平 200、垂直 150 Horizontal 200，vertical 150
水冷 / 油冷 / 液压站 Water cooling/oil cooling/hydraulic station	kg	无 None	无 None	无 None	无 None
光机净重约 (含五轴转台) Net weight of casting frame (including five axis turntable)		3.5	3.7	3.5(不含转台) Excluding five axis turntable	5.2(不含转台) Excluding five axis turntable

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▶ 主要特点 MAIN FEATURES

五轴联动加工中心也叫五轴加工中心，是一种科技含量高、精密度高专门用于加工复杂曲面的加工中心，五轴联动加工中心有高效率、高精度的特点，工件一次装夹就可完成复杂的加工。能够适应像汽车零部件、飞机结构件等现代模具的加工。 五轴联动数控加工中心系统是解决叶轮、叶片、船用螺旋桨、重型发电机转子、汽轮机转子、大型柴油机曲轴等等加工的唯一手段。
The five-axis linkage machining center is also called the five-axis machining center. It is a high-tech, high-precision machining center specially used for machining complex curved surfaces. The five-axis linkage machining center has the characteristics of high efficiency and high precision. The workpiece can complete complex machining in one clamping. It can adapt to the processing of modern molds such as automotive parts and aircraft structural parts. The five-axis linkage machining center system is the only means to solve the processing of impellers, blades, marine propellers, heavy generator rotors, turbine rotors, large diesel engine crankshafts, etc.

BR-600 BR-700 数控立式钻攻中心

CNC VERTICAL DRILLING AND TAPPING CENTER

▶ 主要特点 MAIN FEATURES

立式钻攻中心主要用于加工精度高、工序多、形状复杂的板、盘、壳、模具等零件。一次装夹即可连续完成二维三维曲面、斜面的铣、钻、铰、铰、镗、攻丝及精密加工。加工程序化，缩短生产周期，使用户获得良好的经济效益。

Vertical drilling and tapping center is mainly used to process plate, disc, shell, mold and other parts with high precision, multiple processes and complex shape. It can continuously complete milling, drilling, reaming, reaming, boring, tapping and precise machining of two-dimensional three-dimensional curved surface and inclined plane in one clamping process. The processing is programmed and the production cycle is shortened, so that users can obtain good economic benefits.

▶ 主要参数 PRODUCT PARAMETERS

SPECIFICATIONS	Units	BR-600	BR-700
X/Y/Z 轴行程 X/Y/Z axis travel	mm	600/400/350	700/400/350
主轴鼻端至工作台面距离 Distance from spindle nose to table surface	mm	135-485	135-485
主轴转速 Spindle Speed	rpm	20000/2400	20000/24000
刀具存储容量 Tool storage capacity	PCS	21	21
最大刀具直径（相邻刀具） Max. tool diameter(adjacent tools)	mm	1200*600	1300*700
最大刀具长度 Max tool length	mm	250	250
刀具最大重量 Max tool weight	kg	3	3
换刀时间 Tool change time	sec	1.6	1.6
主电机功率 Spindle power(30-minute stop-motion)	kw	3.7/5.5	3.7/5.5
X/Y/Z 轴电机功率 X/Y/Z-axis motor power	kw	1.5/ 1.5/3.0	1.5/ 1.5/3.0
工作台尺寸 Table size	mm	700x420	700x420
工作台 T 型槽尺寸 Table T slot size	mm	3*14*125	3*14*125
工作台装载 Worktable-Loading	kg	300	300
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	48/48/48	48/48/48
进给速率 Cutting feed rate	mm/min	5-20000	5-20000
定位精度 Positioning accuracy	mm	±0.003/300	±0.003/300
重复性定位精度 Repeatability positioning accu racy	mm	±0.005/300	±0.005/300
重量 Weight	kg	3300	3500
电力需求 Power demand	KVA	20	20
外形尺寸 Overall Size	mm	2220X1900X23 00	2220X1900X23 00
油箱容量 Tank capacity	L	210	210
压缩空气 Compressed air	Kg/m2	6--8	6--8

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BCK520 30°斜床身数控车床

30° CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

BCK520 系列采用整体式斜床身平导轨结构，配置高刚性箱式机械主轴、十二工位伺服刀塔、液压套筒尾座、整体式外防护以及独立式内防护系统，通过先进的设计理念和严格的制造工艺，使产品集刚性、精度、稳定性、环保性于一身，是高端制造的信赖之选。

The BCK520 series adopts an integral inclined bed and flat guide rail structure, and is equipped with a high-rigidity box-type mechanical spindle, a twelve-station servo turret, a hydraulic sleeve tailstock, an integral outer protection and an independent inner protection system. Through advanced design concept and strict manufacturing process, the product integrates rigidity, precision, stability and environmental protection, and is the trusted choice for high-end manufacturing.

▶ 主要参数 PRODUCT PARAMETERS

爆款热卖

TECHNICAL SPECIFICATIONS	Units	BCK520
床身上最大回转直径 Max. swing over the bed	mm	Φ520
最大切削直径 Max. cutting diameter	mm	Φ360
最大切削长度 Max. cutting length	mm	600
主轴端 Spindle nose		A2-6
主轴转速 Spindle speed	r/min	50~4500
主轴轴承内径 Spindle bearing bore	mm	Φ100
刀架类型 Tool turret type		卧式液压 8 工位
外径车刀刀柄尺寸 External diameter turning tool shank size	mm	25
内径车刀刀柄尺寸 Internal diameter turning tool shank size	mm	40
Rapid feed rate 快速进给速度	m/min	X:30 Z:30
Tailstock taper hole type 尾座锥孔类型	莫氏	MT.5
Tailstock travel 尾座行程	mm	450（套筒行程 100）
Spindle motors 主轴电机	KW	15/11
X/Z axis positioning accuracy X/Z 轴定位精度	mm	0.005
X/Z axis repeatable positioning accuracy X/Z 轴重复定位精度	mm	0.003
Machine height 机械高度	mm	1750
Occupied area 占地面积	mmxmm	2500X1690
Machine weight 机床重量	kg	4400

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TCK6340 TCK6340S TCK6350

45°斜床身数控车床

45° CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 45 度斜床身
- 高精度台湾直线导轨
- 排屑量大且方便 , 右排屑式和后排屑式可二选一
- 主轴单元分重切式和高速两种
- 重切式主轴单元适合轴承和齿轮类的加工
- 高速式主轴单元适合高速高精加工
- 丝杠预拉伸结构
- 排刀架
- 可选配刀塔

- 45 degrees slant bed CNC lathe
- Higher accuracy Taiwan linear guideways
- Chip conveying capacity is large and convenient, customer could choose
- Chip conveying in the right or in the back
- Spindle unit has two types. the heavy cutting type and the high speed type.
- The first one is suitable for bearing and gear processing. The second cing type is suitable for the high speed and high precision processing.
- Customers could choose any type of them.
- Screw pre-stretching structure
- Gang type tool standard
- Optional turret

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TCK6340	TCK6340S	TCK6350
床身上最大回转直径 Max. Swing over bed	mm	400	400	520
滑板上最大车削直径 Max. swing diameter over slide	mm	140	140	220
最大工件长度 Distance between centers	mm	200	400/300	410/310
最大棒料直径 Max.bar capacity	mm	45	45	55
最大盘类加工直径 Max processing diameter of plate type work piecee	mm	400	400	500
主轴通孔直径 Diameter of spindle through hole		A2-5	A2-5	A2-6
主轴端部形式 Spindle nose	mm	56	56	66
主轴转速范围 Spindle speed range	r/min	50-3500	50-3500	50-3000
主轴换挡方式 Spindle shift mode		无极变速 Stepless Speed		
主电机功率 Main motor power	kw	5.5	5.5	7.5
卡盘类型 Chuck type		液压夹头 / 手动卡盘 Hydraulic collet / manual chuck		液压卡盘 Hydraulic chuck
卡盘形式 Chuck size	Inch	8	8	10
X/Z 轴快移速度 X/Z axis rapid traverse	m/min	24/24	24/24	24/24
X 轴伺服电机扭矩 X axis servo motor torque	N.m	6	6	7.5
Z 轴伺服电机扭矩 Z axis servo motor torque	N.m	6	6	7.5
× 轴行程 X axis travel	mm	400	400	500
Y 轴行程 Y axis travel	mm	300	500	500
导轨形式 Guide way type		直线导轨 linear way		
刀架形式 Tool post type		排刀座 Gang type	排刀架，可选配刀塔 Gang type optional tool turret	
刀具尺寸 Tool shank size	mm	20*20/ϕ25	20*20/ϕ25	25*25/ϕ32
额定总功率 Total rated power	kw	10	12	13
额定总电流 Total rated curent	A	21	26	28
机床重量 Net weight	kg	2300	2600	3000
机床尺寸 Machine dimension(L*W*H)	mm	2200*1530*1780	2390*1530*1780	2500*1620*1890

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TCK36A TCK46A TCK50A

斜床身数控车床

CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 45 度斜床身
- 高精度台湾直线导轨
- 排屑量大且方便 , 右排屑式和后排屑式可二选一
- 主轴单元分重切式和高速两种
- 重切式主轴单元适合轴承和齿轮类的加工
- 高速式主轴单元适合高速高精加工
- 丝杠预拉伸结构
- 排刀架
- 可选配刀塔

- 45 degrees slant bed CNC lathe
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- Customers could choose any type of them.
- Screw pre-stretching structure
- Gang type tool standard
- Optional turret

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TCK36A	TCK46A	TCK50A
床身上最大回转直径 Max. swing over the bed	mm	360	460	500
横滑板上最大回转直径 Swing over cross slide	mm	140	170	250
最大工件长度 Max.workpiece length	mm	300	350	350/500
主轴孔径 Spindle bore	mm	56	56	66
棒料通孔直径 Bar capacity	-	44	44	55
主轴端部形式 Spindle nose type	-	A2-5	A2-5	A2-6
主轴转速级数 Spindle speed steps		无级 Stepless		
主轴转速范围 Spindle speed range	rpm	4000	3500	3000
刀架类型 Turret/tool post	-	8 寸液压刀塔 Hydraulic turret 8position		
刀具尺寸 Tool size	mm	20*20	25*25	25*25
X 轴行程 Xaxis travel	mm	185	240	240
Z 轴行程 Z axis travel	mm	350	400	350/500
X 轴快速进给速度 Xaxis rapid traverse	mm/min	24000	24000	18000
Z 轴快速进给速度 Zaxis rapid traverse	mm/min	24000	24000	18000
主电机功率 Main motor power	KW	5.5	7.5	11
尾座套筒直径 Tailstock quill diameter	mm	65	70	70
尾座套筒锥度 Tailstock qulltaper	-	MT4	MT5	MT5
尾座套筒行程 Tailstock quill travel	mm	60	80	80
导轨形式 Guide rail type	-	斜床身线轨 Slant bed linear rail		
机床重量 Machine weight	kg	2400	2600	3100/3300
外形尺寸 (长 × 宽 × 高) Overalldimension(L*W*H)	mm	2200*1600*1850	2500*1950*1950	2600/2700*2000*2000

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TCK56 TCK63 TCK80 斜床身数控车床

CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 45 度斜床身
- 高精度台湾直线导轨
- 排屑量大且方便 , 右排屑式和后排屑式可二选一
- 主轴单元分重切式和高速两种
- 重切式主轴单元适合轴承和齿轮类的加工
- 高速式主轴单元适合高速高精加工
- 丝杠预拉伸结构
- 标配排刀架
- 可选配刀塔

- 45 degrees slant bed CNC lathe
- Higher accuracy Taiwan linear guideways
- Chip conveying capacity is large and convenient, customer could choose
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- Spindle unit has two types. the heavy cutting type and the high speed type.
- The first one is suitable for bearing and gear processing. The second cing type is suitable for the high speed and high precision processing.
- Customers could choose any type of them.
- Screw pre-stretching structure
- Standard Gang type tool standard
- Optional turret

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TCK56	TCK63	TCK80
床身上最大回转直径 Swing over bed	mm	560	720	800
最大工件长度 Distance between centers	mm	500/1000	1000/1500/2000/3000	1000/1500/2000/3000
最大切削直径 Max. cutting diameter	mm	350	500	600
主轴通孔直径 Diameter of spindle through hole		65	80	80
主轴端部形式 Spindle nose	mm	A2-6(可选 OptionalA2-8)	A2-8	A2-11
主轴换挡方式 Spindle shift mode		无级 Stepless	无级 Stepless	无级 Stepless
主轴转速范围 Spindle speed range	r/min	50-4500	50-3500	50-3500
卡盘形式 Chuck size	Inch	8 寸中空液压卡盘 8"Hollow hydraulic chuck	10 寸中空液压卡盘 10"Hollow hydraulicchuck	12 寸中空液压卡盘 12"Hollow hydraulic chuck
刀架类型 Turret/tool post		8 工位伺服刀塔 Servo turret 8 position	12 工位伺服刀塔 Servo turret 12 position	
X 轴行程 x axis travel	mm	200	250	250
Z 轴行程 z axis travel	mm	550/1050	1020/1520/2050/3050	1020/1520/2050/3050
X 轴快速进给速度 X axis rapid traverse	m/min	30	12	12
Z 轴快速进给速度 Z axis rapid traverse	m/min	30	16	16
主电机功率 Motor power of spindle	kw	11/15	15/18.5	18.5/22
尾座套筒锥度 Tailstock quill taper	N.m	MT4(Opt.MT5)	MT5	MT6
尾座行程 Tailstock travel	N.m	400/900	900/1400/1900/2900	900/1400/1950/2950
导轨形式 Guide way type		45°斜床身线轨 45° Slant bed linear rail		
机床重量 Net weight	kg	3700/4500	5000/6000/7000/9000	6000/7000/8000/10000

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TCK56Y TCK63Y TCK80Y 斜床身数控车床

CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 高精度台湾直线导轨
- 高速主轴单元，可选配自制主轴
- 高强度铸铁
- 自动集中润滑
- 整体斜床身

- Higher accuracy Taiwan linear guideways
- Higher speed spindle unit,Optional homemade spindle
- Higher rigidity cast iron
- Integrated automatic lubrication
- One-piece Casting slant bed CNC lathe

该机床适用于加工各种中小型轴类、盘类零件，可以车削各种螺纹、圆弧、圆锥及回转体的内外曲面，广泛应用于水暖器材、阀门、电器、仪表、汽车、摩托车、轴承等行业。

The machine is The machine issuitable to process all kinds of smalland middle-sized shaft and plate workpiece, and could also turn variousthreads, circle arc, circular cone, insideand outside surface of revolved body.This machine is widely used in sanitary,valve, electrical appliance, instrument,automobile, motorcycle,bearings andso on.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TCK56Y	TCK63Y	TCK80Y
床身上最大回转直径 Swing over bed	mm	560	720	800
最大工件长度 Distance between centers	mm	500/1000	1000/1500/2000/3000	1000/1500/2000/3000
最大切削直径 Max.cutting diameter	mm	310	500	600
主轴通孔直径 Diameter of spindle through hole		65	80	80
主轴端部形式 Spindle nose	mm	A2-6(可选 Opt.A2-8)	A2-11(可选 Opt.A2-8)	A2-11(可选 Opt.A2-8)
主轴换挡方式 Spindle shift mode		无级 Stepless	无级 Stepless	无级 Stepless
主轴转速范围 Spindle speed range	r/min	50-4500	2000(3000)	2000(3000)
卡盘形式 Chuck size	Inch	8 寸中空液压卡盘（可选 10 寸 ）8"Hollow hydraulic chuck（Opt.10"）	12 寸中空液压卡盘 12"Hollow hydraulicchuck	12 寸中空液压卡盘 12"Hollow hydraulic chuck
刀架类型 Turret/tool post		12 工位动力刀塔 12 Position power turret		
X 轴行程 x axis travel	mm	200	300	350
Y 轴行程 Y axis travel	mm	±50	±50	±50
Z 轴行程 Z axis travel	mm	450/900	900/1400/1900/2900	900/1400/1900/2900
X 轴快速进给速度 X axis rapid traverse	m/min	30	12	12
Y 轴快速进给速度 Y axis rapid traverse	m/min	12	12	12
Z 轴快速进给速度 Z axis rapid traverse	m/min	30	16	16
主电机功率 Main motor power	kw	11/15	15/18.5（Opt.37）	18.5（Opt.37）
尾座套筒锥度 Tailstock quill taper	N.m	MT4(Opt.MT5)	MT5	MT6
尾座行程 Tailstock travel	N.m	400/900	900/1400/1900/2900	900/1400/1950/2950
导轨形式 Guide way type		斜床身线轨 Slant bed linear rail	斜床身线轨 / 硬轨 Slant bed linear rail/hard guide way	
机床重量 Net weight	kg	4800/6500	6000/7000/8000/10000	7000/8000/9000/11000

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BR-650-750/1000/1500/2000/3000
斜床身数控车床
CNC SLANT BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

该机床适用于加工各种中小型轴类、盘类零件，可以车削各种螺纹、圆弧、圆锥及回转体的内外曲面，泛应用于水暖器材、阀门、电器、仪表、汽车、摩托车、轴承等行业。

The machine is suitable to process all kinds of small and middle-sized shaft and plate work piece,and could also turn various threads,circle arc,circular cone, inside and outsidesurface of revoved body.This machine is widely used in sanitary, valve\ electrical appliance \ instrument \ automobile \ motoreycle \ bearings and so on.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	BR-650/1000/1500	BR-650-1000D/1500D	BR-650-1000DY/1500DY
床面上最大回转直径 Max. turning diameter over bed	mm	Φ650	Φ650	Φ660
最大加工直径 Max. machining diameter	mm	Φ630	Φ550	Φ600
刀架上最大加工直径 Max processing diameter on the tool post	mm	Φ400	Φ400	Φ440
最大加工长度 Max processing length	mm	1000/1500	1000/1500	1000/1500
两顶尖距离 Distance between two centers	mm	1320/1820	1320/1820	1320/1820
X/Z/Y 轴极限行程 X/Z/Y axis limit travel	mm	350/1620	350/1620	350/1620/100(±50)
X/Z/Y 轴连接方式 X/Z/Y axis connection method		直联 Direct	直联 Direct	直联 Direct
主轴头形式 Spindle nose type		A2-8	A2-8	A2-8
可选装液压卡盘 Hydraulic Chuck		标准 10 寸 standard 10 inch（opt 12）	标准 10 寸 standard 10 inch（opt 12）	标准 10 寸 standard 10 inch（opt 12）
推荐主轴电机功 Recommended spindle motor power	kw	11-15KW	11-15KW	11-15KW
主轴最高转速 Spindle speed	rpm	2600rpm	2600rpm	2600rpm
主轴孔直径 Spindle bore diameter	mm	Φ87	Φ87	Φ87
棒料通径 Bar capacity	mm	Φ72	Φ72	Φ72
刀塔类型 Turret type		液压 / 伺服刀塔 12T Servo Turret	BMT55 动力刀塔 BMT55 Power Turret	Y 轴动力刀塔 BMT55 Y axis Power Turret BMT55
套筒直径 Tailstock diameter	mm	Φ100	Φ100	Φ100
套筒行程 Tailstock sleece travel	mm	120	120	120
尾座最大行程 Max. tailstock stroke	mm	1250	1250	1250
尾座套筒锥孔 Tailstock sleeve tapered hole		莫氏 5 号	莫氏 5 号	莫氏 5 号
外形尺寸 Overall dimensions	mm	3170/3670×1180×1700	3170/3670×1180×1700	3236/3736×1480×1870
重量（约重） Weight (approx.)	Kg	5000kg/6000kg	5200kg/6200kg	5300kg/6300kg

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50ZWT 55ZWT 数控斜床身车床

CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

50ZWT 斜床身数控车床采用组合式、模块化设计思路，整体式床身设计结构，符合高精密数控机床的加工需求，具有国内同行业领先的技术和独特的创新。既适合盘类、轴类零件的刚性车削需求，又能满足高精度的车削需求。广泛应用于军工、汽车、医疗、家电等行业。

分体式外置水箱，方便清洁打扫，可选择侧排削或后排削，方便实现机床自动化及生产线。

The 50ZWT inclined bed CNC lathe adopts a combined and modular design idea, and the overall bed design structure meets the processing requirements of high-precision CNC machine tools, and has the leading technology and unique innovation in the domestic industry. It is not only suitable for rigid turning requirements of disc and shaft parts, but also high-precision turning requirements. Widely used in military, automotive, medical, home appliances and other industries.

The split-type external water tank is convenient for cleaning and cleaning. You can choose side cutting or rear cutting, which is convenient for the automation of machine tools and production lines.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	50ZWT			55ZWT	
		A2-5	A2-6	A2-8	A2-6	A2-8
床身 Bed frame		整体 30°斜床身 Overall 30° inclined bed			整体 15°斜床身 Overall 15° inclined bed	
床鞍 Saddle		电机轴承座一体式鞍座 Motor bearing seat integrated saddle				
主轴箱 Headstock		平置 Lay flat				
尾座 Tailstock		方轨加 V 轨 Square rail plus V rail				
水箱 Water tank		后置式独立水箱 或 侧置式独立水箱 Rear-mounted independent water tank or side-mounted independent water tank				
排屑机 Chip conveyor		后排屑水箱一体 或 侧排屑水箱分体 Rear chip removal tank integrated or side chip removal tank split				
进给轴电机安装尺寸 Feed axis motor installation dimensions	mm	130mm 法兰 110mm 止口 130mm flange 110mm spigot				
X 轴行程 X-axis travel	mm	260mm-280mm			250mm-280mm	
Z 轴行程 Z-axis travel	mm	510mm			550mm-600mm	
工作台尺寸 Worktable size	mm	350mm×267mm			430mmx340mm	
台面中心高 Countertop center height	mm	110mm				
机床最大回转直径 Max. swing diameter over bed	mm	500mm			550mm	
盘类加工直径 Max. disc type workpiece processing diameter	mm	300mm	350mm	350mm	300mm	
轴类加工直径 × 长度 Shaft machining diameter × length	mm	150mm×500mm	200mm×500mm	250mm×400mm	250mmx420mm	250x500mm
主轴型号 Spindle model		A2-5	A2-6	A2-8	A2-6	A2-8
主轴外径 Spindle outer diameter	mm	170mm	200mm	230mm	200mm	230mm
主轴转速 Spindle speed	rpm	5000rpm	4500rpm	3500rpm	4500rpm	3500rpm
主轴通孔 Spindle bore	mm	56mm	66mm	86mm	66mm	59mm
配用夹具 Equipped with fixture		A2-5/6 寸 Inch	A2-6/8 寸 Inch	A2-8/10 寸 Inch	A2-5/6 寸 Inch	A2-8/10 寸 Inch
尾座结构 Tailstock structure		精密套筒式 Precision sleeve				
尾座移动方式 Tailstock movement		滑动 Slide				
顶尖型号 Top model		莫氏 4 号 MT 4	莫氏 4/5 号 MT4/5	莫氏 5 号 MT 5	莫氏 5 号 MT 5	
套筒外径 Sleeve outer diameter	mm	75mm	95mm	95mm	95mm	
顶尖工作压力 Top job pressure		5-20KG				
顶尖行程 Center travel	mm	100mm				
尾座行程 Tailstock travel	mm	420mm				
卡盘顶尖距离 distance between chuck and center	mm	600mm			650mm	
X 轴重复定位 X-axis repeat positioning	mm	±0.003mm			±0.003mm	
Z 轴重复定位 Z axis repeat positioning	mm	±0.005mm			±0.005mm	
X 轴导轨型号 X-axis guide model		30 滚柱 30 rollers			35 滚柱 35 rollers	
Z 轴导轨型号 Z-axis guide model		35 滚柱 35 rollers			45 滚柱 45 rollers	
X 轴丝杆型号 X-axis screw model		3208/3210			3208/3210	
Z 轴丝杆型号 Z-axis screw model		3210/3208/4010			3206	
丝杆轴承 Screw bearing		2562			2562	
光机尺寸 Machine body size	mm	2200mm×1100mm×1250mm			2300mmx1200mmx1500mm	
含外罩尺寸 Cover size inctused	mm	2650mm×1500mm×1700mm			2650mmx2450mmx1950mm	
光机重量 Machine body weight	kg	3000KG	3050KG	3100KG	3850kg	
整机重量 Total Weight	kg	3200KG	3250KG	3350KG	4250kg	

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80ZWT 15°斜床身数控车床

15° CNC SLANT-BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

55ZWYT 斜床身数控车床采用组合式、模块化设计思路，整体式床身设计结构，符合高精密数控机床的加工需求，具有国内同行业领先的技术和独特的创新。既适合盘类、轴类零件的刚性车削需求，又能满足高精度的车削需求。广泛应用于军工、汽车、医疗、家电等行业。

分体式外置水箱，方便清洁打扫，可选择侧排削或后排削，方便实现机床自动化及生产线。

The 55ZWYT inclined bed CNC lathe adopts a combined and modular design idea, and the overall bed design structure meets the processing requirements of high-precision CNC machine tools, and has the leading technology and unique innovation in the domestic industry. It is not only suitable for rigid turning requirements of disc and shaft parts, but also high-precision turning requirements. Widely used in military, automotive, medical, home appliances and other industries.

The split-type external water tank is convenient for cleaning and cleaning. You can choose side cutting or rear cutting, which is convenient for the automation of machine tools and production lines.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	80ZWT	
		A2-6	A2-8
床身 Bed frame		高刚性整体 15°阶梯轨床身 High-rigidity overall 15° stepped rail bed	
床鞍 Saddle		阶梯式、电机轴承座一体式鞍座 Step type, motor bearing seat integrated saddle	
主轴箱 Headstock		平置 Lay flat	
尾座 Tailstock		方轨加 V 轨 Square rail plus V rail	
排屑机 Chip conveyor		后排屑水箱一体 Rear chip removal tank integrated	
进给轴电机安装尺寸 Feed axis motor installation dimensions	mm	130mm 法兰 110mm 止口 130mm flange 110mm spigot	
X 轴行程 X-axis travel	mm	350mm	
Z 轴行程 Z-axis travel	mm	850mm	
台面中心高 Countertop center height		145mm	
工作台尺寸 Worktable size	mm	350mm×267mm	
机床最大回转直径 Max. swing diameter over bed	mm	650mm	
盘类加工直径 Max. disc type workpiece processing diameter	mm	500mm	500mm
轴类加工直径 × 长度 Shaft machining diameter × length	mm	300mm×800mm	300mm×800mm
主轴型号 Spindle model		A2-8	A2-11
主轴外径 Spindle outer diameter	mm	230mm	260mm
主轴转速 Spindle speed	rpm	3500rpm	3000rpm
主轴通孔 Spindle bore		86mm	96mm
配用夹具 Equipped with fixture		A2-8/10 寸 Inch	A2-11/12 寸 Inch
尾座结构 Tailstock structure		精密套筒式 Precision sleeve	
尾座移动方式 Tailstock movement		滑动 Slide	
顶尖型号 Center model		莫氏 5 号 Morse 5	
套筒外径 Sleeve outer diameter	mm	95mm	
顶尖工作压力 Tip job pressure	kg	5-20KG	
顶尖行程 Tip travel	mm	100mm	
尾座行程 Tailstock travel	mm	600mm	
卡盘顶尖距离 distance between chuck and center	mm	600mm	600mm
X 轴重复定位 X-axis repeat positioning	mm	±0.003mm	
Z 轴重复定位 Z axis repeat positioning		±0.005mm	
X 轴导轨型号 X-axis guide model		45 滚柱 45 rollers	
Z 轴导轨型号 Z-axis guide model		45 滚柱 45 rollers	
X 轴丝杆型号 X-axis screw model		3208/3210	
Z 轴丝杆型号 Z-axis screw model		4010	
丝杆轴承 Screw bearing		2562	
光机尺寸 Machine body size	mm	2200mm×1250mm×1500mm	
含外罩尺寸 Cover size	mm	3000mm×1500mm×1850mm	
光机重量 Machine body weight	kg	4500KG	
整机重量 Machine Weight		5000KG	

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BR-20H-400/500 高精度硬轨斜床数控车床

HIGH-PRECISION HARD RAIL INCLINED BED CNC LATHE

▶ 主要特点 MAIN FEATURES

- 45°斜床整体结构，具有最佳加工稳定性，且排屑顺畅；
- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- X、Z 为宽润的硬轨滑道，快速进给率达 20 米 / 分经硬化处理及精密研磨，采用可视化多点集中润滑系统，独特硬轨铲刮装配工艺，且有吸振之功能减少了刀具损耗，提高了工件质量。

- The whole structure of 45 inclined bed has the best processing stability and smooth chip removal;
- The integrated assembled spindle adopts high rigid bearing structure to ensure axial force and radial force;
- The machine bed is made of HT300 casting, which can provide greater shock resistance and reduce deformation, making the machine not only durable but also with outstanding performance.
- X and Z are wide and smooth hard rail slideways, with a fast feed rate of 20m/min. After hardening and precise grinding, a visual multi-point centralized lubrication system is adopted, which has a unique assembly process of hard rail scraping, and has the function of vibration absorption, which reduces tool loss and improves workpiece quality.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-20H-400	BR-20H-400D	BR-20H-400DY	BR-20H-500	BR-20H-500D	BR-20H-500DY
床面最大上回转直径 The max. swing diameter over bed	Φ460	Φ600	Φ600	Φ450	Φ630	Φ630
最大加工直径 Max. machining diameter	Φ400（Φ460：280 cutterhead）	Φ450	Φ400	Φ350	Φ380	Φ380
刀架上最大加工直径 Max. swing diameter over tool post	Φ260	Φ350	Φ340	Φ300	Φ350	Φ380
最大加工长度 Max. processing length	400mm	350mm	360mm	520mm	465mm	500mm
两顶尖距离 Distance between centers	420mm	——	——	——	——	——
主轴头形式（可选卡盘）Spindle nose type（optional Chuck）	A2-6（8"）	A2-6（8"）	A2-6（8"）	A2-6（8"）	A2-6（8"）	A2-6（8"）
推荐主轴电机功率 Spindle motor power	11-15KW	11-15KW	11-15KW	15KW	15KW	11-15KW
主轴最高转速 Spindle speed	3000rpm	3000rpm	3000rpm	4000rpm	3000rpm	3000rpm
主轴孔直径 Spindle through hole diameter	Φ61	Φ61	Φ61	Φ66	Φ66	Φ61
棒料通径 Through the bar diameter	Φ52	Φ52	Φ52	Φ52	Φ52	Φ52
主轴电机安装形式 Spindle motor mounting form	——	——	——	立式法兰 Vertical flange	立式法兰 Vertical flange	——
X/Z 轴丝杆规格 X/Z axis lead screw specification	3210/3210	3210/3210	3210/3210	3210/4010	3210/4010	3210/4010
Y 轴丝杆规格 Y-axis lead screw specification	——	——	2508	——	——	3210
X 轴极限行程 X-axis limit travel	245mm	245mm	255mm	220mm	220mm	230mm
Y 轴极限行程 Y-axis limit travel	——	——	60(±30)	——	——	60(±30)
Z 轴极限行程 Z-axis limit travel	420	420	500	560	560	500
X 轴电机扭矩 X-axis motor torque	11N.M	11N.M	11N.M	11N.M	11N.M	11N.M
Y 轴电机扭矩 Y-axis motor torque	——	——	7 N.M	——	——	11N.M
Z 轴电机扭矩 Z-axis motor torque	15N.M	15N.M	11N.M	11N.M	15N.M	11N.M
X/Z 轴直线导轨规格 X/Z axis linear guide specifications	——	——	Hard Way	Hard Way	Hard Way	Hard Way
Y 轴直线导轨规格 Y axis linear guide specifications	——	——	Hard Way	——	——	Hard Way
Z 轴极限行程 Z-axis limit travel	420mm	420mm	500mm	560mm	560mm	500mm
Z 轴电机转矩 Z-axis motor torque	15N.M	15N.M	11N.M	11N.M	15N.M	11N.M
X/Z 轴连接方式 X/Z axis connection type	直联 Direct connection	直联 Direct connection	直联 Direct connection	直联 Direct connection	直联 Direct connection	直联 Direct connection
Y 轴连接方式 Y-axis connection type	——	——	直联 Direct connection	——	——	直联 Direct connection
刀塔 Turret	H80	SHD20U-330	Y 轴硬轨动力塔 Y axis hard rail power tower	——	BMT55-350	TCSDY80H-12T-330
刀塔中心高尺寸 Turret center height size	80mm	80mm、100mm	——	145mm	100mm	——
套筒直径 Tower station	8T/12T	——	15T	10T	12T	12T
动力头规格 Power head specification	——	——	BMT40/ER20	——	——	BMT55/ER32
动力头速度 Power head speed	——	——	3000rpm	——	——	3000rpm
动力头电机功率 Power head motor power	——	——	2.5KW	——	——	2.5KW
动力头与电机传动比 Power head to motor ratio	——	——	1 ： 1	——	——	1 ： 1
套管直径 Sleeve diameter	75mm	75mm	75mm	75mm	75mm	75mm
套筒行程 Sleeve travel	80mm	80mm	80mm	80mm	80mm	80mm
尾座最大行程 Max. tailstock travel	300mm	300mm	300mm	——	——	400mm
尾座套筒锥孔 Tailstock sleeve taper	MT4	MT4	MT4	MT4	MT4	MT4
床身形式及斜度 Bed type and inclination	Integrated/45°	Integrated/45°	Integrated/45°	Integrated/45°	Integrated/45°	Integrated/45°
外型尺寸（长 × 宽 × 高） Machine size（L * W * H）	1850x1020x1500	1850x1020x1500	2110x1280x1750	2770x1835x1770	2770x1835x1770	2850x1835x1770

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BR-25H(A) 高精度重型硬轨斜床身数控车床

HIGH-PRECISION HEAVY-DUTY HARD RAIL SLANT BED CNC LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- X、Z 为宽润的硬轨滑道，快速进给率达 20 米 / 分经硬化处理及精密研磨，采用可视化多点集中润滑系统，独特硬轨铲刮装配工艺，且有吸振之功能减少了刀具损耗，提高了工件质量。

- The integrated assembled spindle adopts high rigid bearing structure to ensure axial force and radial force;
- The machine bed is made of HT300 casting, which can provide greater shock resistance and reduce deformation, making the machine not only durable but also with outstanding performance.
- X and Z are wide and smooth hard rail slideways, with a fast feed rate of 20m/min. After hardening and precise grinding, a visual multi-point centralized lubrication system is adopted, which has a unique assembly process of hard rail scraping, and has the function of vibration absorption, which reduces tool loss and improves workpiece quality.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-25H - 750	BR-25HA -750	BR-25H - 1000	BR-25HA -1000	BR-25H- 1500	BR-25HA -1500	BR-25H - 2000	BR-25HA -2000	BR-25H - 3000	BR-25HA -3000
床面最大上回转直径 Max. swing diameter over bed	Φ730									
最大加工直径 Max. machining diameter	Φ640(Only 440 cutter head）仅限 440 刀盘									
刀架上最大加工直径 Max. swing diameter over cross slide	Φ440									
最大加工长度 Max. processing length	740mm	680mm	1020mm	960mm	1640mm	1580	2240	2180	3140	3080
主轴头形式 Spindle type	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11
可选用卡盘 (特殊配置) Optional chuck (optional)accessories)	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）
推荐主轴电机功率 Spindle motor power	15/18.5 KW									
主轴最高转速 Spindle speed	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm
主轴孔直径 Spindle bore	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102
棒料通径 Through the bar diameter	Φ75	Φ91	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88
X/Z 轴丝杆规格 X/Z axis lead screw specification	4008/5010									
X/Z 轴导轨规格 X/Z axis linear guide specification	硬轨 Hard Way									
X/Z 轴极限行程 X/Z axis limit travel	330mm/940mm		330mm/1240mm		330mm/1840mm		330mm/2440mm		330mm/3340mm	
X/Z 轴电机扭矩 X/Z axis motor torque	22 N.M/22 N.M									
X /Z 轴连接方式 X/Z axis connection type	直联 Direct connection									
可选装刀塔 (特殊配置) Turret	NC125、SH125									
工位数 Tower station	10T/12T									
推荐刀塔中心高尺寸 Turret center height size	125mm									
套筒直径 Sleeve diameter	100mm									
套筒行程 Sleeve travel	80mm									
尾座最大行程 Tailstock max.travel	785mm		1085mm		1685mm		2285mm		3185mm	
尾座套筒锥孔 Tailstock sleeve taper	MT5									
床身斜度 Bed type and inclination	Integrated/30°									
尺寸 Machine size（L * W * H)	2940/1503/1554		3240/1503/1554		3840/1503/1554		4440/1503/1554		5340/1503/1554	

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BR-25H(A)-D 高精度重型硬轨斜床身数控车床 / 车削中心

HIGH-PRECISION HEAVY-DUTY HARD RAIL SLANT BED CNC LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- X、Z 为宽润的硬轨滑道，快速进给率达 20 米 / 分经硬化处理及精密研磨，采用可视化多点集中润滑系统，独特硬轨铲刮装配工艺，且有吸振之功能减少了刀具损耗，提高了工件质量。

- The integrated assembled spindle adopts high rigid bearing structure to ensure axial force and radial force;
- The machine bed is made of HT300 casting, which can provide greater shock resistance and reduce deformation, making the machine not only durable but also with outstanding performance.
- X and Z are wide and smooth hard rail slideways, with a fast feed rate of 20m/min. After hardening and precise grinding, a visual multi-point centralized lubrication system is adopted, which has a unique assembly process of hard rail scraping, and has the function of vibration absorption, which reduces tool loss and improves workpiece quality.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-25H-750D	BR-25HA-750D	BR-25H-1000D	BR-25HA-1000D	BR-25H-1500D	BR-25HA-1500D	BR-25H-2000D	BR-25HA-2000D	BR-25H-3000D	BR-25HA-3000D
床面最大上回转直径 Max. swing diameter over bed	Φ730									
最大加工直径 Max. machining diameter	Φ560									
刀架上最大加工直径 Max. processing diameter over cross slide	Φ440									
最大加工长度 Max. processing length	630mm	570mm	930mm	870mm	1530mm	1470mm	2120mm	2070mm	3020mm	2960mm
主轴头形式 Spindle end type	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11
可选用卡盘（特殊配置）Optional chuck (Special Configurations)	10 "(12")	12 "(15")	10 "(12 ")	12 "(15")	10 "(12 ")	12 "(15")	10 "(12 ")	12"(15 ")	10 "(12")	12 "(15")
推荐主轴电机功率 Main motor power	15/18.5 KW									
主轴最高转速 Spindle speed	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm
主轴孔直径 Spindle bore	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102
棒料通径 Through the bar diameter	Φ75	Φ91	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88
X/Z 轴丝杆规格 X/Z axis lead screw specification	4008/5010									
X/Z 轴导轨规格 X/Z axis linear guide specification	硬轨 Hard Way									
X/Z 轴极限行程 X/Z axis limit travel	330mm/940mm		330mm/1240mm		330mm/1840mm		330mm/2440mm		330mm/3340mm	
X/Z 轴电机扭矩 X/Z axis motor torque	22 N.M/22 N.M									
X / Z 轴连接方式 X/Z axis connection type	直连 Direct connection									
刀塔 Turret	BMT65-380、SHD25BR-380									
工位数 Tower station	12T									
动力头规格 Power head specification	BMT65/ER32									
动力头转速 Power head speed	3000rpm									
推荐刀塔中心高尺寸 Turret center height size	125mm									
套筒直径 Sleeve diameter	100mm									
套筒行程 Sleeve travel	80mm									
尾座最大行程 Tailstock max.travel	785mm		1085mm		1685mm		2285mm		3185mm	
尾座套筒锥孔 Tailstock sleeve taper	MT5									
床身斜度 Bed type and inclination	整体式 Integrated/30°									
尺寸 Machine size (L * W * H)	2940/1503/1554		3240/1503/1554		3840/1503/1554		4440/1503/1554		5340/1503/1554	

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BR-25H(A)-DY 高精度重型硬轨斜床身数控车床 / 车铣复合中心

BR-25H(A)-DY HIGH-PRECISION HEAVY-DUTY HARD RAIL SLANT BED CNC LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- X、Z 为宽润的硬轨滑道，快速进给率达 20 米 / 分经硬化处理及精密研磨，采用可视化多点集中润滑系统，独特硬轨铲刮装配工艺，且有吸振之功能减少了刀具损耗，提高了工件质量。

- The integrated assembled spindle adopts high rigid bearing structure to ensure axial force and radial force;
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- X and Z are wide and smooth hard rail slideways, with a fast feed rate of 20m/min. After hardening and precise grinding, a visual multi-point centralized lubrication system is adopted, which has a unique assembly process of hard rail scraping, and has the function of vibration absorption, which reduces tool loss and improves workpiece quality.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-25H-750DY	BR-25HA-750DY	BR-25H-1000DY	BR-25HA-1000DY	BR-25H-1500DY	BR-25HA-1500DY	BR-25H-2000DY	BR-25HA-2000DY	BR-25H-3000DY	BR-25HA-3000DY
床面最大上回转直径 Max. swing diameter over bed	Φ920									
最大加工直径 Max. machining diameter	Φ600									
刀架上最大加工直径 Max. processing diameter over cross slide	Φ600									
最大加工长度 Max. processing length	650mm	590mm	950mm	890mm	1550mm	1490mm	2100mm	2040mm	3040mm	2980mm
主轴头形式 Spindle end type	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11
可选用卡盘 (特殊配置) Optional chuck (Special Configurations)	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）
主轴电机功率 Main motor power	15/18.5 KW									
主轴最高转速 Max. spindle speed	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm
主轴孔直径 Spindle bore diameter	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102
棒料通径 Through the bar diameter	Φ75	Φ91	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88
X/Z/Y 轴丝杆规格 X/Z/Y axis lead screw specification	4008/5010									
X/Z/Y 轴导轨规格 X/Z/Y axis linear guide specification	硬轨 Hard Way									
X/Z/Y 轴极限行程 X/Z/Y axis limit travel	330/940/120(±60)		330/1240/120(±60)		330/1840/120(±60)		330/2440/120(±60)		330/3340/120(±60)	
X/Z/Y 轴电机扭矩 X/Z/Y axis motor torque	22 N.M/22 N.M/15N.M									
X/Z/Y 轴连接方式 X/Z/Y axis connection type	直联 / 直联 / 同步轮 Direct connection/Direct connection/Synchronizing wheel									
可选装刀塔（特殊配置）Turret	SHD25BR-380(BMT65-380)									
工位数 Tower station	12T									
动力头规格 Power head specification	BMT65/ER32									
动力头转速 Power head speed	3000rmp									
推荐刀塔中心高 Turret center height	125mm									
动力头与刀座传动比 Ratio of power head to motor	1:1									
刀塔中心高尺寸 Turret center height size	125mm									
套筒直径 Sleeve diameter	100mm									
套筒行程 Sleeve travel	80mm									
尾座最大行程 Max. tailstock travel	785mm		1085mm		1685mm		2285mm		3185mm	
尾座套筒锥孔 Tailstock sleeve taper	MT5									
床身斜度 Bed type and inclination	Integrated/30°									
尺寸 Machine size（L * W * H）	2940/1503/1950		3240/1503/1950		3840/1503/1950		4440/1503/1950		5340/1503/1950	

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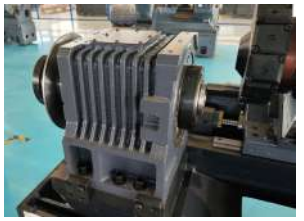
BR150L BR150LA BR150DY BR150LADY
紧凑型精密斜床身数控车床
COMPACT PRECISION INCLINED BED CNC LATHE



▶ 主要特点 MAIN FEATURES

采用 30°斜式整体布局，床身底座一体化结构，高强度 HT300 铸件；
X、Z 为宽润的硬轨滑道，快速进给率达 20 米 / 分经硬化处理及精密研磨，采用可视化多点集中润滑系统；
整机设计紧凑合理，可实现侧排及后排屑，大大的减小占地面积，可实现多机连线自动化生产。

Adopting 30° inclined overall layout, integrated structure of bed and base, high-strength HT300 castings.
X, Z for the wide wet hard rail slideway, fast feed rate of 20 m / min by hardening treatment and precision grinding, the use of visualization of multi-point centralized lubrication system.
Compact and reasonable design of the whole machine can realize side and rear chip discharge, greatly reducing the floor space, and can realize multi-machine line automation production.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-150L	BR-150LA	BR-150DY	BR-150LADY(A2-6)
床面最大上回转直径 Max. swing diameter over bed	Φ510		Φ510	
最大加工直径 Max. machining diameter	Φ250		Φ250	
刀架上最大加工直径 Max. processing diameter over cross slide	Φ150		Φ150	
最大加工长度 Max. processing length	260	245	235	225
主轴头形式 Spindle end type	A2-5（6″）	A2-6（8″）	A2-5（6″）	A2-6（8″）
可选用卡盘（特殊配置） Optional chuck（Special Configurations）	10″（12″）	12″（15″）	10″（12″）	12″（15″）
主轴电机功率 Main motor power	5.5～7.5KW	7.5～11KW	5.5～7.5KW	5.5～7.5KW
主轴最高转速 Max. spindle speed	4500rpm	3500rpm	4500rpm	3500rpm
主轴孔直径 Spindle bore diameter	Φ56	Φ66	Φ56	Φ66
棒料通径 Through the bar diameter	Φ45	Φ52	Φ45	Φ52
X/Z 轴丝杆规格 X/Z axis lead screw specification	3208/3210			
Y 轴丝杆规格 Y axis lead screw specification	——		2508	
X/Z 轴线性导轨规格 X/Z axis linear guide specifications	35/35		35/35	
Y 轴线性导轨规格 Y axis linear guide specifications	——		25	
X/Z 轴极限行程 X/Z axis limit travel	135/370		135/370	
Y 轴极限行程 Y axis limit travel	——		60(±30)	
X/Z 轴电机扭矩 X/Z axis motor torque	11N.M/11N.M		11N.M/11N.M	
Y 轴电机扭矩 Y axis motor torque	——		7 N.M	
X/Z 轴连接方式 X/Z axis connection type	Direct connection		Direct connection	
刀塔 Turret	SH80-825-280		——	
工位数 Tower station	12T		12T	
动力刀塔 Power station turret	——		Y-axis power tower	
动力头规格 Power head specification	——		BMT40/ER20	
动力头转速 Power head speed	——		3000rpm	
动力头电机功率 Power head motor	——		2.5Kw	
动力头与电机的传动比 Power head to motor ratio	——		1 ： 1	
刀塔中心高 Turret center height	80mm		——	
床身形式及斜度 Bed type and inclination	Integrated/30°		Integrated/30°	
外型尺寸 Machine size（L * W * H）	1430×1025×1380		1430×1025×1470	

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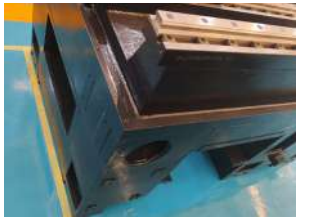
BR160L BR160LA BR160LD BR160LAD BR160LDY BR160LADY 高精度线轨斜床身数控车床

HIGH-PRECISION LINEAR GUID RAIL CNC SLANT BED LATHE MACHINE



▶ 主要特点 MAIN FEATURES

○ 采用 30°斜式整体布局，床身底座一体化结构；
○ 高强度 HT300 铸件，组织致密，强度好，硬度恰当，磨擦系数低；
○ 具有自润性，底座床身整体型箱结构，大大增强了机床的整体刚性和稳定性，且有吸振之功能，减少了刀具损耗，提高了工件质量；
○ 整机布局紧凑合理，其高转速、高精度、高刚性和丰富的配置，为用户在使用中提供了高效率和高可靠性的保证。

○ Adopt 30 inclined overall layout and integrated structure of bed base;
○ High-strength HT300 casting has compact structure, good strength, appropriate hardness and low friction coefficient;
○ With self-lubrication, the integral box structure of the base bed greatly enhances the overall rigidity and stability of the machine tool, and has the function of absorbing vibration, reducing tool loss and improving workpiece quality;
○ The layout of the whole machine is compact and reasonable, and its high speed, high precision, high rigidity and rich configuration provide users with high efficiency and high reliability in use.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-160L	BR-160LA	BR-160LD	BR-160LAD	BR-160LDY	BR-160LADY
床面最大上回转直径 Max. swing diameter over bed	Φ460		Φ460		Φ500	
最大加工直径 Max. machining diameter	Φ400		Φ350		Φ400	
刀架上最大加工直径 Max. swing diameter over cross slide	Φ200		Φ200		Φ200	
最大加工长度 Max. processing length	410mm	390mm	350mm	330mm	370mm	330mm
主轴头形式 Spindle end type	A2-5	A2-6	A2-5	A2-6	A2-5（6 "）	A2-6（8 "）
主轴电机功率 Spindle motor power	7.5KW	11KW	7.5KW	11KW	7.5KW	11KW
主轴最高转速 Spindle speed	4500rpm	3000rpm	4500rpm	3000rpm	4500rpm	3000rpm
主轴通孔直径 Spindle through hole diameter	Φ56	Φ66	Φ56	Φ66	Φ56	Φ66
棒料通径 Through the bar diameter	Φ46	Φ52	Φ45	Φ52	Φ45	Φ52
X/Z 轴丝杆规格 X/Z axis lead screw specification	3210/3210		3210/3210		3210/3210	
Y 轴丝杆规格 Y axis lead screw specification	--		--		2508	
X/Z 轴线轨规格 X/Z axis linear guide specifications	35/35		35/35		35/35	
Y 轴线轨规格 Y axis linear guide specifications	--		--		25	
X/Z 轴极限行程 X/Z axis limit travel	210/475		210/475		210/475	
Y 轴极限行程 Y axis limit travel					60(±30)	
X/Z 轴电机扭矩 X/Z axis motor torque	11N.M/11N.M		11N.M/11N.M		11N.M/11N.M	
Y 轴电机扭矩 Y axis motor torque					7 N.M	
X/Z/Y 轴连接类型 X/Z /Y axis connection type	Direct connection		Direct connection		Direct connection	
刀塔 Turret	80825		BMT45/ER20			
工位数 Tower station	8T/10T/12T		12T		12T	
动力塔 Power tower	--		--		Y-axis power tower	
动力头规格 Power head specification	--		--		BMT40/ER20	
动力头转速 Power head speed	--		--		3000rpm	
动力头电机功率 Power head motor	--		--		2.5Kw	
动力头与电机传动比 Transmission ratio of power axis and tool apron			--		1 ： 1	
刀塔中心高尺寸 Turret center height size	80mm		80mm		--	
套筒直径 Sleeve diameter	65mm					
套筒行程 Sleeve travel	80mm					
尾座最大行程 Tailstock max. travel	300mm					
尾座套筒锥孔 Tailstock sleeve taper	MT4					
床身形式及斜度 Bed type and inclination	Integrated/30°		Integrated/30°		Integrated/30°	
外型尺寸 Machine size（L * W * H）	1730×1273×1328		1730×1273×1328		1730×1473×1700	

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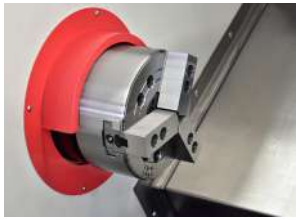
BR200L BR200LA BR200LD BR200LAD BR200LDY BR200LADY 高精度线轨斜床身数控车床

HIGH-PRECISION LINEAR WAY CNC SLANT BED LATHE MACHINE



▶ 主要特点 MAIN FEATURES

- 床身采用 HT300 铸铁一体成型 30°斜床式结构 ;
- 宽大四方床身，搭配 45/45 精密线性导轨 ;
- 主轴箱体与尾座水平结构，更稳定，刚性更好

- The bed adopts HT300 cast iron integrated 30 inclined bed structure;
- Wide square bed with 45/45 precision linear guide rail;
- The horizontal structure of spindle box and tailstock is more stable and rigid.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-200L	BR-200LA	BR-200LD	BR-200LAD	BR-200LDY	BR-200LADY
床面最大上回转直径 Max. swing diameter over bed	Φ560		Φ660		Φ650	
最大加工直径 Max. machining diameter	Φ460		Φ380		Φ420	
刀架上最大加工直径 Max. swing diameter over cross slide	Φ200		Φ200		Φ200	
最大加工长度 Max. processing length	540	500	450	410	450	410
主轴头形式 Spindle end type	A2-6（8”）	A2-8（10”）	A2-6（8”）	A2-8（10”）	A2-6（8”）	A2-8（10”）
主轴电机功率 Spindle motor power	11KW	15KW	11KW	15KW	11KW	15KW
主轴最高转速 Spindle speed	4000rpm	2500rpm	4000rpm	2500rpm	4000rpm	2500rpm
主轴通孔直径 Spindle through hole diameter	Φ66	Φ87	Φ66	Φ87	Φ66	Φ87
棒料通径 Through the bar diameter	Φ52	Φ75	Φ52	Φ75	Φ52	Φ75
X/Z 轴丝杆规格 X/Z axis lead screw specifications	3210/4010		3210/4010		3210/4010	
Y 轴丝杆规格 Y axis lead screw specifications	--		--		2108	
X/Z 轴线轨规格 X/Z axis linear guide specifications	45/45		45/45		45/45	
Y 轴线轨规格 Y axis linear guide specification	--		--		Hard rail	
X/Z 轴极限行程 X/Z axis limit travel	230/610		230/610		230/610	
Y 轴极限行程 Y axis limit travel					60(±50)	
X/Z 轴电机扭矩 X/Z axis motor torque	11N.M/11N.M		11N.M/11N.M		11N.M/11N.M	
Y 轴电机扭矩 Y axis motor torque					11N.M	
X/Z/Y 轴连接类型 X/Z /Y axis connection type	Direct connection		Direct connection		Direct connection	
刀塔 Turret	H100		BMT55/ER25			
工位数 Tower station	8T/10T/12T		12T		12T	
动力塔 Power tower	--		--		Y-axis power tower	
动力头规格 Power head specification	--		--		BMT45/ER25	
动力头转速 Power head speed	--		--		3000rpm	
动力头电机功率 Power head motor power	--		--		2.5Kw	
动力头与电机传动比 Transmission ratio of power axis and tool apron			--		1:1	
刀塔中心高尺寸 Turret center height size	100		100			
套筒直径 Sleeve diameter	80					
套筒行程 Sleeve travel	80					
尾座最大行程 Tailstock max. travel	450					
尾座套筒锥孔 Tailstock sleeve taper	MT40					
床身形式及斜度 Bed type and inclination	Integrated/30°		Integrated/30°		Integrated/30°	
外型尺寸 Machine size（L * W * H）	1730×1273×1328		1730×1273×1328		1730×1273×1700	

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BR-25L(A) 高精度线轨斜床身数控车床

HIGH-PRECISION LINEAR GUID RAIL CNC SLANT BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- 床身采用 HT300 铸铁一体成型 30°斜床式结构；

- The integrated assembled spindle adopts high rigid bearing structure to ensure axial force and radial force;
- The machine bed is made of HT300 casting, which can provide greater shock resistance and reduce deformation, making the machine not only durable but also with outstanding performance.
- The bed adopts HT300 cast iron integrated 30 inclined bed structure;

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-25L- 750	BR-25LA-750	BR-25L- 1000	BR-25LA-1000	BR-25L- 1500	BR-25LA-1500	BR-25L- 2000	BR-25LA-2000
床面最大上回转直径 Max. swing diameter over bed	Φ830							
最大加工直径 Max. machining diameter	Φ620							
刀架上最大加工直径 Max. swing diameter over cross slide	Φ460							
最大加工长度 Max. processing length	650mm	490mm	950mm	890mm	1550mm	1490mm	2150mm	2090mm
主轴头形式 Spindle end type	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11
可选用卡盘（特殊配置）Optional chuck（optional）accessories)	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）
推荐主轴电机功率 Spindle motor power	15/18.5 KW							
主轴最高转速 Spindle speed	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm
主轴孔直径 Spindle bore	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102
棒料通径 Through the bar diameter	Φ75	Φ91	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88
X/Z 轴丝杆规格 X/Z axis lead screw specification	4008/5010							
X/Z 轴线性导轨规格 X/Z axis linear guide specifications	45/45							
X/Z 轴极限行程 X/Z axis limit travel	330mm/930mm		330mm/1230mm		330mm/1830mm		330mm/2430mm	
X/Z 轴电机扭矩 X/Z axis motor torque	22 N.M/22 N.M							
X /Z 轴连接方式 X/Z axis connection type	直联 Direct connection							
可选装刀塔（特殊配置）Turret	NC125、SH125							
工位数 Tower station	10T/12T							
推荐刀塔中心高尺寸 Turret center height size	125mm							
套筒直径 Sleeve diameter	100mm							
套筒行程 Sleeve travel	80mm							
尾座最大行程 Tailstock max.travel	785mm		1085mm		1685mm		2285mm	
尾座套筒锥孔 Tailstock sleeve taper	MT5							
床身斜度 Bed type and inclination	Integrated/30°							
外形尺寸 Machine size（L * W * H)	2760/1510/1580		3360/1510/1580		3960/1510/1580		4560/1510/1580	

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BR-25L(A)-D 高精度线轨斜床身数控车床 / 车削中心

HIGH-PRECISION LINEAR GUID RAIL CNC SLANT BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- 床身采用 HT300 铸铁一体成型 30°斜床式结构；

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- The machine bed is made of HT300 casting, which can provide greater shock resistance and reduce deformation, making the machine not only durable but also with outstanding performance.
- The bed adopts HT300 cast iron integrated 30 inclined bed structure;

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	BR-25L- 750D	BR-25LA-750D	BR-25L-1000D	BR-25LA-1000D	BR-25L-1500D	BR-25LA-1500D	BR-25L-2000D	BR-25LA-2000D
床面最大上回转直径 Max. swing diameter over bed	Φ830							
最大加工直径 Max. machining diameter	Φ620							
刀架上最大加工直径 Max. swing diameter over cross slide	Φ460							
最大加工长度 Max. processing length	610mm	550mm	910mm	850mm	1510mm	1450mm	2110mm	2050mm
主轴头形式 Spindle end type	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11	A2-8	A2-11
可选用卡盘（特殊配置）Optional chuck (optional) accessories)	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）	10”（12”）	12”（15”）
推荐主轴电机功率 Spindle motor power	15/18.5 KW							
主轴最高转速 Spindle speed	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm	2500rpm	1800rpm
主轴孔直径 Spindle bore	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102	Φ87	Φ102
棒料通径 Through the bar diameter	Φ75	Φ91	Φ75	Φ88	Φ75	Φ88	Φ75	Φ88
X/Z 轴丝杆规格 X/Z axis lead screw specifications	4008/5010							
X/Z 轴线性导轨规格 X/Z axis linear guide specifications	45/45							
X/Z 轴极限行程 X/Z axis limit travel	330mm/930mm		330mm/1230mm		330mm/1830mm		330mm/2430mm	
X/Z 轴电机扭矩 X/Z axis motor torque	22 N.M/22 N.M							
X / Z 轴连接方式 X/Z axis connection type	直连 Direct connection							
可选装刀塔（特殊配置）Turret	SHD25-380							
工位数 Tower station	12T							
动力头规格 Power head specification	BMT65/ER32							
动力头转速 Power head speed	3000rpm							
推荐刀塔中心高尺寸 Turret center height size	125mm							
套筒直径 Sleeve diameter	100mm							
套筒行程 Sleeve travel	80mm							
尾座最大行程 Tailstock max.travel	785mm		1085mm		1685mm		2485mm	
尾座套筒锥孔 Tailstock sleeve taper	MT5							
床身斜度 Bed type and inclination	整体式 Integrated/30°							
尺寸 Machine size (L * W * H)	2760/1510/1610		3360/1510/1610		3960/1510/1580		3360/1510/1610	

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BR570DS 双主轴斜床身数控车床

DOUBLE SPINDLE INCLINED BED CNC LATHE

▶ 主要特点 MAIN FEATURES

双轴车削中心将双主轴车削与 Y 轴、C 轴和动力刀具相结合，创造出适合任何车间的、强大的“一体化”加工解决方案。可以执行偏心铣削、钻削和攻丝作业，从而提高加工能力。标配 12 工位 BMT55 刀塔和同步 C 轴，可实现多用途 4 轴加工能力。相对的主轴支持完全同步旋转，并能让动态部件通过，进而减少循环时间。

Y-axis turning center combines dual-spindle turning with Y axis, C axis, and live tooling to create a powerful “done-in-one” machining solution for any shop. Off-center milling, drilling, and tapping operations are possible for increased machining capabilities. It comes standard with a 12-station BMT55 turret and synchronized C axis for versatile 4-axis capability. The opposed spindles support fully synchronized turning, and allow on-the-fly part pass-off to reduce cycle times.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR570DS
床身上最大回转直径 Swing over bed		Φ680
最大加工直径 maximum machining diameter		Φ400（TSCDY80HP-12T 刀盘对边 350）
刀架上最大加工直径 Maximum machining diameter on the tool holder		Φ400
两卡盘最大 / 最小距离 Maximum/minimum distance between two chucks		690/40
第一主轴参数 First spindle parameters	主轴头形式（可选卡盘） Spindle head form (optional chuck)	A2-6（8”）
	电主轴电机功率 Recommended spindle motor power	15KW/11-15KW
	电主轴最高转速 Spindle maximum speed	3000rpm/4200rpm
	主轴孔直径 Spindle hole diameter	Φ66
	棒料通径 Bar diameter	Φ52
X/Z/W 轴丝杠规格 X/Z/W axis screw specifications		3210/4010/4010
X/Z/W 轴极限行程 X/Z/W axis limit travel		260/830/650
推荐 X/Z/W 轴电机扭矩 Recommended X/Z/W axis motor torque		11N.M/15N.M/11N.M
X/Z/W 轴线轨规格 X/Z/W axis rail specifications		45/45/35
X/Z/W 轴连接方式 X/Z/W axis connection mode		直联 Direct
刀塔 Turret		可选 optional
推荐中心高 Recommended turret center height dimension		170
第二主轴参数 Second spindle parameters	主轴头形式（可选卡盘） Spindle head form (optional chuck)	A2-5（6”）
	电主轴电机功率 Recommended spindle Recommended spindle motor power	11KW
	电主轴最高转速 Spindle maximum speed	6000rpm
	主轴孔直径 Spindle hole diameterRecommended spindle motor power	Φ56
	棒料通径 Bar diameter	Φ42
床身形式及斜度 Bed type and inclination		整体式 /30° Integrated/30°
外形尺寸（长 × 宽 × 高） Machine size（L * W * H）		2077×1297×1427
约重 Weight (approx. weight)		2800kg

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BR600SY 斜床身双主轴车铣复合

DOUBLE SPINDLE INCLINED BED TURNING AND MILLING COMPOUND

▶ 主要特点 MAIN FEATURES

双轴车削中心将双主轴车削与 Y 轴、C 轴和动力刀具相结合，创造出适合任何车间的、强大的“一体化”加工解决方案。可以执行偏心铣削、钻削和攻丝作业，从而提高加工能力。标配 12 工位 BMT55 刀塔和同步 C 轴，可实现多用途 4 轴加工能力。相对的主轴支持完全同步旋转，并能让动态部件通过，进而减少循环时间。

Y-axis turning center combines dual-spindle turning with Y axis, C axis, and live tooling to create a powerful “done-in-one” machining solution for any shop. Off-center milling, drilling, and tapping operations are possible for increased machining capabilities. It comes standard with a 12-station BMT55 turret and synchronized C axis for versatile 4-axis capability. The opposed spindles support fully synchronized turning, and allow on-the-fly part pass-off to reduce cycle times.

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		Units	BR600SY/500	BR600SY/1000
床身上最大回转直径 Swing over bed		mm	600	600
最大加工直径 maximum machining diameter		mm	500	1000
最大切削直径 Max.cutting diameter		mm	460	460
第一主轴参数 First spindle parameters	主轴类型 Spindle type	-	电主轴 Electrical spindle	电主轴 Electrical spindle
	主轴端部形式 Spindle nose type	-	A2-6	A2-6
	主轴孔直径 Spindle bore	mm	65	65
	主轴转速 Spindle speed	rpm	4500	4500
	主轴电机功率 Spindle motor power	kw	30	30
第二主轴参数 Second spindle parameters	主轴类型 Spindle type	-	电主轴 Electrical spindle	电主轴 Electrical spindle
	主轴端部形式 Spindle nose type	-	A2-5	A2-5
	主轴孔直径 Spindle bore	mm	56	56
	主轴转速 Spindle speed	rpm	4500	4500
	主轴电机功率 Spindle motor power	kw	11	11
第一主轴卡盘端面到第二主轴卡盘端面距离 The distance from the end face of the first spindle chuck to the end face of the second spindle chuck		mm	50-600	50-1000
X 轴行程 X axis travel		mm	280	280
Y 轴行程 Y axis travel		mm	±50	±50
Z 轴行程 Z axis travel		mm	550	550
C 轴行程 C axis travel		°	360°	360°
X/Y/Z 快速移动 X/Y/Z axis rapid traverse		m/min	30/30/10	30/30/10
刀架形式 Tool holder type		-	12 position live turret	12 position live turret
刀架规格 Tool holder specifications		-	BMT55-ER32	BMT55-ER32
机床重量 Machine weight		kg	5500	7000

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BR52MY-550 BR75MY-530
插补 Y 斜床身数控车床
COMPENSATION Y-AXIS TURN-MILLING COMPOUND

▶ 主要特点 MAIN FEATURES

- 一体装配式主轴，采用高刚性轴承结构，确保轴向受力及径向受力；
- 床身采用 HT300 铸件一体成型，能提供较大的防震阻尼及减低变形量，使得机台不但耐用而且具有特别突出的性能表现；
- 床身采用 HT300 铸铁一体成型 30°斜床式结构；

- The integrated assembled spindle adopts high rigid bearing structure to ensure axial force and radial force;
- The machine bed is made of HT300 casting, which can provide greater shock resistance and reduce deformation, making the machine not only durable but also with outstanding performance.
- The bed adopts HT300 cast iron integrated 30 inclined bed structure;

▶ 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		Units	BR52MY-550	BR75MY-530
加工范围 Processing range	机床最大回转直径 Max. swing diameter over bed	mm	600mm	
	盘类最大加工直径 Max. machining diameter	mm	300mm	
	最大车削长度 Max. turning length	mm	550mm	
	最大铣削长度 Max.milling length	mm	620mm	605mm
	卡爪至刀盘最小距离 Minimum distance from jaw to cutter distance	mm	-70mm	-85mm
	卡爪至刀盘最大距离 Max. distance from jaw to cutter distance	mm	550mm	535mm
	台面中心高 Center height of countertop	mm	100mm	
	工作台尺寸 Workbench size	mm	488mm*388mm	
主轴 Spindle	主轴结构 Spindle structure	-	高刚性整体机械主轴 / 电主轴 High rigidity integral mechanical spindle/electric spindle	
	主轴鼻端形式 Spindle nose type	-	A2-6	A2-8
	主轴通孔 Spindle through hole diameter	mm	ф66mm	ф86mm
	主轴最高转速 Spindle speed	r/min	0-4500r/min	0-3000r/min
	主轴皮带轮齿形 Main shaft belt tooth profile	-	8YU	
回转尾顶 Turning tail top	顶尖型号 Tip model	-	莫式 4 号 (固定顶尖)MT 4 (fixed center)	
	尾座结构 Tailstock structure	-	伺服尾座 Servo tailstock	
	尾座行程 Tailstock travel	mm	500mm	500mm
	卡爪至顶尖最大距离 Max. distance from jaw to tip	mm	630mm	610mm
进给 Feed	进给电机法兰 Feed motor flange	-	130 型 /174 型 Model 130 / Model 174	
	X 轴导轨型号 X-axis guide model	-	35 滚柱 35 roller	
	Y 轴导轨型号 Y-axis guide model	-	35 滚柱 35 roller	
	Z 轴导轨型号 Z-axis guide model	-	45 滚柱 45 roller	
	尾座导轨型号 Tailstock guide model	-	35 滚柱 35 roller	
	X 轴丝杆型号 X axis screw model	-	3210-C3	
	Y 轴丝杆型号 Y-axis screw model	-	3210-C3	
	Z 轴丝杆型号 Z-axis screw model	-	3210-C3	
	尾座丝杆型号 Tailstock model	-	3210-C3	
	丝杆轴承 Screw bearing	-	2562-P4	
行程 Distance of travel	X 轴最大行程 (刀盘尺寸 330mm)X-axis max. travel (cutter size 330mm)	mm	260mm(- 110mm 至 +150mm)	
	Y 轴最大行程 X-axis max. travel	mm	+58~ - 50mm(85mm 中心高刀座 Center height Tool holder)	
		mm	+58~ - 58mm(100mm 中心高刀座 Center height Tool holder)	
	Z 轴最大行程 Z-axis max. travel	mm	620mm	
	尾座最大行程 Maximum travel of tailstock	mm	500mm	
快移速度 Fast moving speed	X 轴快速定位 X-axis fast positioning	m/min	⩽ 24m/min	
	Y 轴快速定位 Y-axis fast positioning	m/min	⩽ 10m/min	
	Z 轴快速定位 Z-axis fast positioning	m/min	⩽ 24m/min	
	尾座快速定位 Quick positioning of tailstock		⩽ 10m/min	
精度 Accuracy	X 轴重复定位 Repeat positioning on X-axis	mm	±0.003mm	
	Y 轴重复定位 Repeat positioning on Y-axis	mm	±0.003mm	
	Z 轴重复定位 Repeat positioning on Z-axis	mm	±0.003mm	
可选附件 Optional standard accessories	外防护钣金 Outer protective sheet metal	-	全包围防护 Full protection	
	内防护钣金 Internal protective sheet metal	-	全防护 Full protection	
	动力刀塔 Power tool turret	-	BMT45- 15 position/BMT55- 12 position	
可选附件 Optional accessories	排屑机 Chip conveyor	-	后排水箱一体排屑机 Rear water tank integrated chip conveyor	
	回转油缸 Rotary cylinder	-	8 寸中 52mm 通孔 8 "hollow 52mm through hole	
	液压卡盘 Hydraulic chuck	-	A2-6(8 寸)	
	主轴拉杆 Spindl pull rod	-	M60*2-M60*2 通孔 ф52mm	
	X 轴联轴器 X axis coupling	-	丝杆端 ф22mm/ 总长 80mm Screw end ф22mm/ total length 80mm	
	Y 轴联轴器 Y axis coupling	-		
	Z 轴联轴器 Z axis coupling	-		
	液压站 Hydraulic power station	-	2HP- 三路容量 50L2HP- Three-way capacity 50L	
	稀油电动润滑泵 Thin oil electric lubrication pump	-	单相 220V-4L 检知容积式 Single-phase 220-4L detection volumetric type	
	水泵 Water pump	-	三相 380V- 浸入式循环泵 Three-phase 380V- immersion circulating pump	

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CK6120 CK6125 数控平床身车床

CNC FIAT BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

标准配置	Standard configuration	可选配置	Optional configuration
排刀	Gang type	液压卡盘	Hydraulic chuck
手动三爪卡盘	3-jaw manual chuck	6/8 电动刀塔	Electric turet 6/8·positionHydraulic
无级变速	Stepless	液压尾座	tailstock
		无级变速	Stepless

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK6120	CK6125
床身上最大回转直径 Max. swing diameter over bed	mm	190	230
横滑板上最大回转直径 Max. swing over cross slide	mm	80	125
最大工件长度 Distance between centers	mm	200	200
主轴孔径 Spindle bore	mm	37	50
主轴孔径锥度 Spindle bore tape	-	MT5	MT5
主轴端部形式 Spindle nose type	-	A2-4	A2-5
主轴转速级数 Spindle speed steps	-	无级 Stepless	无级 Stepless
主轴转速范围 Spindle speed range	rpm	150-2500	150-2500
刀架类型 Turret/tool post	-	排刀 Gang type	排刀 Gang type
刀具尺寸 Tool size	mm	16*16	16*16
X 轴行程 X-axis travel	mm	300	300
Z 轴行程 Z-axis travel	mm	320	320
X 轴快速进给速度 X-axis rapid traverse	mm/min	8000	8000
Z 轴快速进给速度 Z-axis rapid traverse	mm/min	10000	10000
尾座套筒直径 Diameter of tailstock quill	mm	45	45
尾座套筒锥度 Tailstock Quill taper hole	–	MT4	MT4
尾座套筒行程 Tailstock quill travel	mm	50	50
主电机功率 Main motor power	kw	3	3
冷却电机功率 Coolant motor power	kw	0.09	0.09
机床重量 Machine weight	kg	800	850
外形尺寸 (长 × 宽 × 高) Overall dimension(L*W*H)	kg	1500*1100*1650	1500*1100*1650

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CK6130 CK6132 CK6136 数控平床身车床

CNC FIAT BED LATHE MACHINE

▶ 主要特点 MAIN FEATURES

标准配置	Standard configuration	可选配置	Optional configuration
4 工位电动刀架	Electric turret 4 position	液压卡盘	Hydraulic chuck
手动三爪卡盘	3-jaw manual chuck	6/8 电动刀塔	Electric turet 6/8·positionHydraulic
无级变速	Stepless	液压尾座	tailstock

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK6130	CK6132	CK6136
床身上最大回转直径 Max. swing diameter over bed	mm	300	320	360
横滑板上最大回转直径 Max. swing over cross slide	mm	100	110	150
最大工件长度 Distance between centers	mm	500/700		
主轴孔径 Spindle bore	mm	60		
主轴孔径锥度 Spindle bore tape	-	MT6		
主轴端部形式 Spindle nose type	-	A2-5		
主轴转速级数 Spindle speed steps	-	无级 Stepless		
主轴转速范围 Spindle speed range	rpm	100-2000		
刀架类型 Turret/tool post	-	四工位电动刀架 Electric 4 position		
刀具尺寸 Tool size	mm	20*20		
X 轴行程 X-axis travel	mm	160	170	180
Z 轴行程 Z-axis travel	mm	500/700		
X 轴快速进给速度 X-axis rapid traverse	mm/min	6000		
Z 轴快速进给速度 Z-axis rapid traverse	mm/min	8000		
尾座套筒直径 Diameter of tailstock quill	mm	50		
尾座套筒锥度 Tailstock Quill taper hole	_	MT4		
尾座套筒行程 Tailstock quill travel	mm	90		
主电机功率 Main motor power	kw	4		
冷却电机功率 Coolant motor power	kw	0.09		
机床重量 Machine weight	kg	1150	1200	1250
外形尺寸 (长 × 宽 × 高) Overall dimension(L*W*H)	kg	1900*1200*1700	1900*1200*1700	1900/2100*1200*1700

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CK6136 CK6140 CK6150 CK6160

数控平床身车床

CNC FIAT BED LATHE MACHINE

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK6136	CK6140	CK6150	CK6160
床身上最大回转直径 Max. swing diameter over bed	mm	360	400	500	600
托板最大回转直径 Max. swing over cross slide	mm	190	210	260	350
最大工件长度 Distance between centers	mm	750/1000/1500/2000			
主轴通孔直径 Spindle bore	mm	52(Opt.80)			
主轴孔锥度 Spindle taper		MT6			
主轴端部型号 Spindle nose type		A2-6(A2-8)			
主轴转速级数 Spindle speed steps		无级 Stepless			
主轴转速范围 Spindle speed range	rpm	1800			
刀架 Turret/tool post		四工位电动刀架 Electric 4 position			
刀具尺寸 Tool size	mm	20*20		25*25	25*25
X 轴行程 X axis travel	mm	180	230	280	320
Z 轴行程 Z axis travel	mm	750/1000/1500/2000			
X 轴快速进给 X axis rapid traverse	mm/min	6000			
Z 轴快速进给 Z axis rapid traverse	mm/min	8000			
尾座套筒直径 Diameter of tailstock quill	mm	65			
尾座套筒锥孔 Tailstock Quill taper hole		MT4		MT5	
尾座套筒行程 Tailstock quill travel	mm	130	130	130	130
主电机功率 Main motor power	kw	5.5	5.5	7.5	7.5
冷却泵电机功率 Coolant motor power	kw	0.09	0.09	0.09	0.125
重量为 750 Weight for 750	kg	1500	1700	1800	1900
重量为 1000 Weight for 1000	kg	1600	1800	1900	2000
重量为 1500 Weight for 1500	kg	1800	1900	2000	2100
重量为 2000 Weight for 2000	kg	2000	2000	2100	2200
尺寸为 750 Dimension for 750	mm	2200*1600-1650	2200*1650*1700	2200*1700*1750	2200*1750*1800
尺寸为 1000 Dimension for 1000	mm	2500*1600*1650	2500*1650*1700	2500*1700*1750	2500*1750*1800
尺寸为 1500 Dimension for 1500	mm	3000*1600*1650	3000*1650*1700	3000*1700*1750	3000*1750*1800
尺寸为 2000 Dimension for 2000	mm	3500*1600*1650	3500*1650*1700	3500*1700*1750	3500*1750*1800

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▶ 主要特点 MAIN FEATURES

标准配置	Standard configuration	可选配置	Optional configuration
4 工位电动刀架	Electric turret 4 position	液压卡盘	Hydraulic chuck
手动三爪卡盘	3-jaw manual chuck	6/8 电动刀塔	Electric turet 6/8·positionHydraulic
主轴通孔 52mm	Spindle bore 52mm	液压尾座	tailstock
高低两档	High-low two steps	无级变速	Stepless

CK6152 CK6160

400mm 导轨宽系列数控卧式车床

400 GUIDEWAY WIDE SERIES CNC HORIZONTAL LATHE

▶ 主要特点 MAIN FEATURES

- 采用机、电、气一体化设计，符合人机工程学，全封闭防护，结构紧凑，操作简便，维修便捷。床身导轨淬火处理，硬度达HRC50，确保高刚性与稳定精度。
- 采用加重整体床身，增强刚性，确保运行稳定，排屑顺畅，前后整体水槽设计有效防止漏水。
- 床身导轨为双山型铸铁结构，淬火处理，宽度 440mm，床鞍接触面贴塑，减少摩擦，提升动态性能。
- 纵横向运动由交流伺服电机与丝杠直接驱动，确保高精度传动。自动润滑系统及时润滑导轨与丝杠，保持良好运行状态。

- The machine tool adopts the integrated design of machine, electricity and gas, which is in line with ergonomics, fully enclosed protection, compact structure, easy operation and convenient maintenance. The bed guideway is quenched and hardened to HRC50, ensuring high rigidity and stable precision.
- The machine tool adopts weighted integral bed to enhance rigidity, ensure stable operation and smooth chip removal, and the front and rear integral water tank design effectively prevents water leakage.
- The bed guideway is double mountain cast iron structure, quenching treatment, width 440mm, bed saddle contact surface paste plastic, reduce friction, improve dynamic performance.
- The longitudinal and transverse movements of the machine are directly driven by AC servo motors and screws to ensure high-precision transmission. The automatic lubrication system lubricates the guide rail and screw in time to maintain good running condition.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK6152	CK6160
床身最大回转直径 Max.swing diameter over bed	mm	ϕ520	ϕ600
滑板上最大回转直径 Max.swing over cross slide	mm	ϕ320	ϕ400
最大切削直径 Max.cutting diameter	mm	ϕ520	ϕ600
最大工件长度 Max.protessing length	mm	890/1390/1890/2890	
最大切削长度 Max.cutting length	mm	850/1350/1850/2850	
最大通过棒料直径 Max.diameter through the bar	mm	ϕ82	
床脚结构 Bed foot structure	—	整体床身 Integral bed	
导轨宽度 Guideway width	mm	440	
主轴转速 Spindle speed	r/min	65-210;195-620;510-1600	
主电机功率 Main spindle motor	kW	7.5	
主轴端部型号 Spindle nose type	ISO	A2-8	
主轴通孔直径 Spindle bore	mm	Φ82	
主轴锥孔规格 Spindle taper hole specification	—	ϕ90(1:20)	
主轴转速级数 Number of spindle speed	—	手动三挡，挡内无极 Manual 3 setps, stepless speed changing	
主轴中心至地面高度 Height from spindle center to ground	mm	1025	1065
X 轴行程 X axis travel	mm	290	320
Z 轴行程 Z axis travel	m/min	890/1390/1890/2890	
X 轴快速移动 X-axis rapid feed	m/min	5	
Z 轴快速移动 Z-axis rapid feed	mm	10	
X 轴丝杠规格 (直径 / 螺距) X-axis screw Diameter/pitch	mm	5/25	
Z 轴丝杠规格 (直径 / 螺距) Z-axis screw Diameter/pitch	Nm	40/10(1000、1500)50/10(2000、3000 规格 Specifications 2000、 3000)	
X/Z 轴电机扭矩 X/Z axis motor torque	mm	5/7.5	
尾架套筒直径 / 行程 Tailstock quill diameter/travel	—	75/150	
套筒锥孔规格 Tailstock quill taper	—	莫氏 5# MT5	
套筒驱动方式 Sleeve drive system	—	手动 Manual	
尾座驱动 Tailstock drive	—	手动 Manual	
刀架形式 Turret type	mm	192X192 立式 4 工位 Vertical 4 station	
外圆车刀刀柄规格 External turning tool shank specification	mm	25×25	
镗孔刀刀柄最大直径 Max.diameter of boring tool holder	mm	ϕ32	
X 轴定位精度 X axis Positioning accuracy	mm	0.01	
Z 轴定位精度 Z axis Positioning accuracy	mm	0.01(1000) 0.012(1500) 0.015(2000/3000)	
X 轴重复定位精度 X axis Repeated positioning accuracy	mm	0.005	
Z 轴重复定位精度 Z axis Repeated positioning accuracy	mm	0.014(1000) 0.018(1500)	
卡盘直径 (手动) Chuck diameter (manual)	-	ϕ250	ϕ315
数控系统 CNC system	KVA	广州数控 GSK980TB3i	
电气总容量 Total electrical capacity	mm	20	
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	2800×1650×1700(1000) 3300×1650×1700(1500) 3800×1650×1700(2000) 4800×1650×1700(3000)	2800×1650×1750(1000) 3300×1650×1750(1500) 3800×1650×1750(2000) 4800×1650×1750(3000)
机床重量 Machine weight	kg	2400(1000) 2700(1500) 3000(2000) 3700(3000)	2500(1000) 2800(1500) 3100(2000) 3800(3000)

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CK61125B CK61160B

755mm 导轨宽系列数控卧式车床

755 GUIDEWAY WIDE SERIES CNC HORIZONTAL LATHE

▶ 主要特点 MAIN FEATURES

- 机床采用加重新型整体床身，刚性高，运行稳定，排屑流畅，导轨宽度 755mm。
- 通过有限元法优化设计，具备高刚性、低热变形、高主轴转速、低温升、低振动及快速移动特点，设计达国际先进水平。
- 关键外购件（如数控系统、主轴轴承、滚珠丝杆）选用国际国内知名品牌，确保高可靠性。
- 先进结构与工艺保障高加工精度与长期精度保持性，工件一致性达 IT6-IT7 级精度，表面粗糙度 Ra1.6um。
- 关键零件（床身、床头箱、床鞍、尾座）采用先进设备加工，确保高精度与技术性能。
- 模块化设计支持多种配置（主轴、刀架、卡盘、尾座、系统等），满足多样化加工需求。
- 主传动系统标配手动四档变速，主轴通孔直径 130mm，刚性增强；外置油箱淋浴式润滑，充分润滑并散热，减少主轴发热对精度影响。

- The machine adopts weighted new integral bed, high rigidity, stable operation, smooth chip removal, and the width of the guideway is 755mm.
- through the finite element method optimization design, with high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration and fast movement characteristics, the design reaches the international advanced level.
- key outsourcing parts (such as CNC system, spindle bearings, ball screws) are selected from international and domestic famous brands to ensure high reliability.
- advanced structure and technology guarantee high machining accuracy and long-term accuracy retention, the consistency of the workpiece reaches IT6-IT7 level accuracy, surface roughness Ra1.6um.
- Key parts (bed, headstock, saddle, tailstock) are processed by advanced equipment to ensure high precision and technical performance.
- Modular design supports various configurations (spindle, tool holder, chuck, tailstock, system, etc.) to meet diversified machining needs.
- The main transmission system is standardized with manual four-speed gear, spindle through-hole diameter of 130mm, rigidity enhancement; external oil tank shower lubrication, full lubrication and heat dissipation, reduce the spindle heat on the accuracy of the impact.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK61125B	CK61160B
床身最大回转直径 Max.swing diameter over bed	mm	ϕ1250	ϕ1600
滑板上最大回转直径 Max.swing over cross slide	mm	ϕ860	ϕ1200
最大切削直径 Max.cutting diameter	mm	ϕ1250	ϕ1600
最大工件长度 Max.protessing length	mm	1500/2000/3000/4000/5000/6000/8000/ 可订做最长至 20000 Can be customized up to 20,000	
最大切削长度 Max.cutting length	mm	1300/1800/2800/3800/4800/5800/7800	
最大通过棒料直径 Max.diameter through the bar	mm	ϕ130	
床脚结构 Bed foot structure	—	整体床身 Integral bed	
导轨宽度 Guideway width	mm	755	
主轴转速 Spindle speed	r/min	3.15-315	
主电机功率 Main spindle motor	kW	18/6 级 18/ Level 6	
主轴端部型号 Spindle nose type	ISO	A2-15	
主轴通孔直径 Spindle bore	mm	Φ130	
主轴锥孔规格 Spindle taper hole specification	—	ϕ140(1:20)	
主轴转速级数 Number of spindle speed	—	手动四挡，挡内无极 Manual 4 setps, stepless speed changing	
主轴轴承 Main spindle bearing		NN3040K/P5 NN3034K/P551144M/P512736/P5	
主轴中心至地面高度 Height from spindle center to ground	mm	1325	1500
X 轴行程 X axis travel	mm	700	800
Z 轴行程 Z axis travel	m/min	800/1300/1800/2800/3800/4800/5800/7800	
X 轴快速移动 X-axis rapid feed	m/min	3(加装 1:3 行星减速机 Add 1:3 planetary reducer)	
Z 轴快速移动 Z-axis rapid feed	mm	4(加装 1:5 行星减速机 Add 1:5 planetary reducer)	
X 轴丝杠规格 (直径 / 螺距) X-axis screw Diameter/pitch	mm	40/06(南京工艺 Nanjing technology)	
Z 轴丝杠规格 (直径 / 螺距) Z-axis screw Diameter/pitch	Nm	80/12(南京工艺 Nanjing technology)	
X/Z 轴电机扭矩 X/Z axis motor torque	mm	15/18	
尾架套筒直径 / 行程 Tailstock quill diameter/travel	—	160/300	
套筒锥孔规格 Tailstock quill taper	—	公制 80 Metric 80	
套筒驱动方式 Sleeve drive system	—	手动 Manual	
尾座驱动 Tailstock drive	—	电动 Electric Powered	
刀架形式 Turret type	mm	300X300 立式 4 工位 (常州)Vertical 4 station(Changzhou)	
外圆车刀刀柄规格 External turning tool shank specification	mm	40×40	
镗孔刀刀柄最大直 径 Max.diameter of boring tool holder	mm	ϕ40	
X 轴定位精度 X axis Positioning accuracy	mm	0.03	
Z 轴定位精度 Z axis Positioning accuracy	mm	0.03(1000) 0.05(1500)	
X 轴重复定位精度 X axis Repeated positioning accuracy	mm	0.009	
Z 轴重复定位精度 Z axis Repeated positioning accuracy	mm	0.014(1000) 0.018(1500)	
卡盘直径 (手动) Chuck diameter (manual)	mm	ϕ1000 四爪单动卡盘 Four-jaw single-action chucks	ϕ1250 四爪单动卡盘 Four-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	-	3000 以上规格带中心架中 150-ϕ600 跟刀架 ϕ50-ϕ260 Above 3000 specifications with Steady rest ϕ150-ϕ600 and Follow rest ϕ50-ϕ260	
数控系统 CNC system	KVA	广州数控 GSK980TB3i	
电气总容量 Total electrical capacity	mm	50	
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	4750×2500×2400(1500) 5250×2500×2400(2000) 6250×2500×2400(3000) 7250×2500×2400(4000) 8250×2500×2400(5000) 9250×2500×2400(6000) 11250×2500×2400(8000)	4750×2800×2600(1500) 5250×2800×2600(2000) 6250×2800×2600(3000) 7250×2800×2600(4000) 8250×2800×2600(5000) 9250×2800×2600(6000) 11250×2800×2600(8000)
机床重量 Machine weight	kg	10200(1500) 10800(2000) 11900(3000) 13000(4000) 14500(5000) 15400(6000) 17900(8000)	11000(1500) 11600(2000) 12600(3000) 13800(4000) 15300(5000) 16100(6000) 18600(8000)

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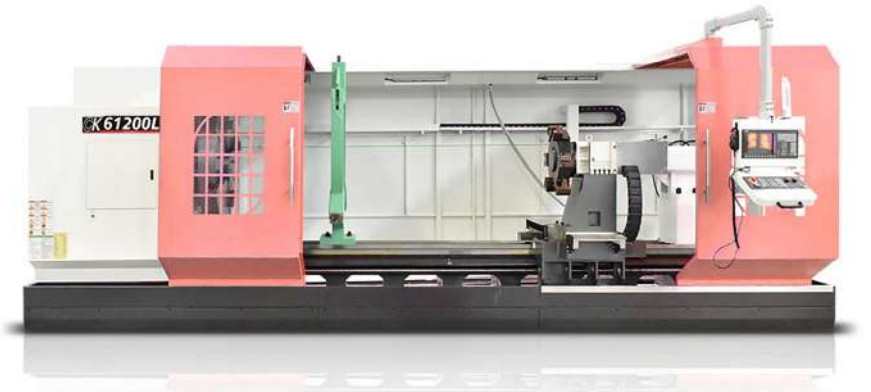
CK61160 CK61180 CK61200

1100mm 导轨宽系列数控卧式车床

1100 GUIDEWAY WIDE SERIES CNC HORIZONTAL LATHE



▶ 主要特点 MAIN FEATURES

- 机床采用加重新型整体床身，刚性高，运行稳定，排屑流畅，导轨宽度 1100mm。
- 通过有限元法优化设计，具备高刚性、低热变形、高主轴转速、低温升、低振动及快速移动特点，设计达国际先进水平。
- 关键外购件（如数控系统、主轴轴承、滚珠丝杆）选用国际国内知名品牌，确保高可靠性。
- 先进结构与工艺保障高加工精度与长期精度保持性，工件一致性达 IT6-IT7 级精度，表面粗糙度 Ra1.6um。
- 关键零件（床身、床头箱、床鞍、尾座）采用先进设备加工，确保高精度与技术性能。
- 模块化设计支持多种配置（主轴、刀架、卡盘、尾座、系统等），满足多样化加工需求。
- 主传动系统标配手动四档变速，主轴通孔直径 130mm，刚性增强；外置油箱淋浴式润滑，充分润滑并散热，减少主轴发热对精度影响。

- The machine adopts weighted new integral bed, high rigidity, stable operation, smooth chip removal, and the width of the guideway is 1100mm.
- through the finite element method optimization design, with high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration and fast movement characteristics, the design reaches the international advanced level.
- key outsourcing parts (such as CNC system, spindle bearings, ball screws) are selected from international and domestic famous brands to ensure high reliability.
- advanced structure and technology guarantee high machining accuracy and long-term accuracy retention, the consistency of the workpiece reaches IT6-IT7 level accuracy, surface roughness Ra1.6um.
- Key parts (bed, headstock, saddle, tailstock) are processed by advanced equipment to ensure high precision and technical performance.
- Modular design supports various configurations (spindle, tool holder, chuck, tailstock, system, etc.) to meet diversified machining needs.
- The main transmission system is standardized with manual four-speed gear, spindle through-hole diameter of 130mm, rigidity enhancement; external oil tank shower lubrication, full lubrication and heat dissipation, reduce the spindle heat on the accuracy of the impact.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK61160	CK61180	CK61200
床身最大回转直径 Max.swing diameter over bed	mm	ϕ1600	ϕ1800	ϕ2000
滑板上最大回转直径 Max.swing over cross slide	mm	ϕ1180	ϕ1380	ϕ1580
最大切削直径 Max.cutting diameter	mm	ϕ1600	ϕ1800	ϕ2000
最大工件长度 Max.protessing length	mm	1500/2000/3000/4000/5000/6000/8000/ 可订做最长至 20000 Can be customized up to 20,000		
最大切削长度 Max.cutting length	mm	1300/1800/2800/3800/4800/5800/7800		
最大通过棒料直径 Max.diameter through the bar	mm	ϕ130		
床脚结构 Bed foot structure	—	整体床身 Integral bed		
导轨宽度 Guideway width	mm	1100		
主轴转速 Spindle speed	r/min	3.15-315		
主电机功率 Main spindle motor	kW	22/6 级 22/ Level 6		
主轴端部型号 Spindle nose type	ISO	A2-15		
主轴通孔直径 Spindle bore	mm	ϕ130		
主轴锥孔规格 Spindle taper hole specification	—	ϕ140(1:20)		
主轴转速级数 Number of spindle speed	—	手动四挡，挡内无极 Manual 4 setps, stepless speed changing		
主轴轴承 Main spindle bearing		NN3040K/P5 NN3034K/P551144M/P512736/P5		
主轴中心至地面高度 Height from spindle center to ground	mm	1450	1550	1650
X 轴行程 X axis travel	mm	800	900	1000
Z 轴行程 Z axis travel	m/min	800/1300/1800/2800/3800/4800/5800/7800		
X 轴快速移动 X-axis rapid feed	m/min	3(加装 1:3 行星减速机 Add 1:3planetary reducer)		
Z 轴快速移动 Z-axis rapid feed	mm	4(加装 1:5 行星减速机 Add 1:5 planetary reducer)		
X 轴丝杠规格 (直径 / 螺距) X-axis screw Diameter/pitch	mm	40/06(Nanjing technology)		
Z 轴丝杠规格 (直径 / 螺距) Z-axis screw Diameter/pitch	Nm	100/16(Nanjing technology)		
X/Z 轴电机扭矩 X/Z axis motor torque	mm	15/30		
尾架套筒直径 / 行程 Tailstock quill diameter/travel	—	240/300(1000-3000)265 内置顶尖 built-in top /300(4000 以上 Above 4000)		
套筒锥孔规格 Tailstock quill taper	—	公制 100 Metric 100 (1000-3000) 公制 80 Metric 80 (4000 以上 Above 4000)		
套筒驱动方式 Sleeve drive system	—	手动 Manual		
尾座驱动 Tailstock drive	—	电动 Electric Powered		
刀架形式 Turret type	mm	300X300 立式 4 工位 (常州) Vertical 4 station(Changzhou)		
外圆车刀刀柄规格 External turning tool shank specification	mm	40×40		
镗孔刀刀柄最大直径 Max.diameter of boring tool holder	mm	ϕ40		
X 轴定位精度 X axis Positioning accuracy	mm	0.03		
Z 轴定位精度 Z axis Positioning accuracy	mm	0.03(1000) 0.05(1500)		
X 轴重复定位精度 X axis Repeated positioning accuracy	mm	0.009		
Z 轴重复定位精度 Z axis Repeated positioning accuracy	mm	0.014(1000) 0.018(1500)		
卡盘直径 (手动) Chuck diameter (manual)	mm	ϕ1250 四爪单动卡盘 Four-jaw single-action chucks	ϕ1400 四爪单动卡盘 Four-jaw single-action chucks	ϕ1600 四爪单动卡盘 Four-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	-	3000 以上规格带中心架 ϕ200-ϕ800 跟刀架 ϕ50-ϕ260 Above 3000 specifications with Steady rest ϕ200-ϕ800 and Follow rest ϕ50-ϕ260		
数控系统 CNC system	KVA	广州数控 GSK980TDi		
电气总容量 Total electrical capacity	mm	60		
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	5150×2850×2700(1500) 5650×2850×2700(2000) 6650×2850×2700(3000) 7650×2850×2700(4000) 8650×2850×2700(5000) 9650×2850×2700(6000) 11650×2850×2700(8000)	5150×2850×2800(1500) 5650×2850×2800(2000) 6650×2850×2800(3000) 7650×2850×2800(4000) 8650×2850×2800(5000) 9650×2850×2800(6000) 11650×2850×2800(8000)	5150×2900×2900(1500) 5650×2900×2900(2000) 6650×2900×2900(3000) 7650×2900×2900(4000) 8650×2900×2900(5000) 9650×2900×2900(6000) 11650×2900×2900(8000)
机床重量 Machine weight	kg	19000(1500) 20000(2000) 21800(3000) 22800(4000) 23800(5000) 24800(6000) 27300(8000)	20000(1500) 21000(2000) 22800(3000) 23800(4000) 24800(5000) 25800(6000) 28300(8000))	21000(1500) 22000(2000) 23800(3000) 24800(4000) 25800(5000) 26800(6000) 29300(8000)

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CAK63　CAK80

550mm 导轨宽系列数控卧式车床

550 GUIDEWAY WIDE SERIES CNC HORIZONTAL LATHE

▶ 主要特点　MAIN FEATURES

- 机床采用加重新型整体床身，刚性高，运行稳定，排屑流畅，导轨宽度 550mm。
- 通过有限元法优化设计，具备高刚性、低热变形、高主轴转速、低温升、低振动及快速移动特点，设计达国际先进水平。
- 关键外购件（如数控系统、主轴轴承、滚珠丝杆）选用国际国内知名品牌，确保高可靠性。
- 先进结构与工艺保障高加工精度与长期精度保持性，工件一致性达 IT6-IT7 级精度，表面粗糙度 Ra1.6um。
- 关键零件（床身、床头箱、床鞍、尾座）采用先进设备加工，确保高精度与技术性能。
- 模块化设计支持多种配置（主轴、刀架、卡盘、尾座、系统等），满足多样化加工需求。
- 主传动系统标配手动四档变速，主轴通孔直径 130mm，刚性增强；外置油箱淋浴式润滑，充分润滑并散热，减少主轴发热对精度影响。

- The machine adopts weighted new integral bed, high rigidity, stable operation, smooth chip removal, and the width of the guideway is 550mm.
- through the finite element method optimization design, with high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration and fast movement characteristics, the design reaches the international advanced level.
- key outsourcing parts (such as CNC system, spindle bearings, ball screws) are selected from international and domestic famous brands to ensure high reliability.
- advanced structure and technology guarantee high machining accuracy and long-term accuracy retention, the consistency of the workpiece reaches IT6-IT7 level accuracy, surface roughness Ra1.6um.
- Key parts (bed, headstock, saddle, tailstock) are processed by advanced equipment to ensure high precision and technical performance.
- Modular design supports various configurations (spindle, tool holder, chuck, tailstock, system, etc.) to meet diversified machining needs.
- The main transmission system is standardized with manual four-speed gear, spindle through-hole diameter of 130mm, rigidity enhancement; external oil tank shower lubrication, full lubrication and heat dissipation, reduce the spindle heat on the accuracy of the impact.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CAK63	CAK80
床身最大回转直径 Max.swing diameter over bed	mm	Φ630	Φ800
滑板上最大回转直径 Max.swing over cross slide	mm	ϕ350	ϕ520
最大切削直径 Max.cutting diameter	mm	ϕ630	Φ800
最大工件长度 Max.protessing length	mm	1000/1500/2000/3000/4000/5000/6000	
最大切削长度 Max.cutting length	mm	850/1350/1850/2850/3850/4850/5850	
最大通过棒料直径 Max.diameter through the bar	mm	ϕ100 (Customizable ϕ130)	
床脚结构 Bed foot structure	—	整体床身 Integral bed	
导轨宽度 Guideway width	mm	550	
主轴转速 Spindle speed	r/min	17-1000	
主电机功率 Main spindle motor	kW	11	
主轴端部型号 Spindle nose type	ISO	A2-11	
主轴通孔直径 Spindle bore	mm	ϕ104(Customizable ϕ130)	
主轴锥孔规格 Spindle taper hole specification	—	ϕ120(1:20)	
主轴转速级数 Number of spindle speed	—	自动四挡 / 手动四挡，挡内无极 Automatic 4 setps /Manual 4 setps, stepless speed changing	
主轴轴承 Main spindle bearing		NN3032K/P5 NN3026K/P5234432BM/P56028/P5/130 孔用 NNU4938/P5 NNU4932/P551140M/P516034M/P5	
主轴中心至地面高度 Height from spindle center to ground	mm	1050	1135
X 轴行程 X axis travel	mm	380	400
Z 轴行程 Z axis travel	m/min	850/1350/1850/2850/3850/4850/5850	
X 轴快速移动 X-axis rapid feed	m/min	7.5	
Z 轴快速移动 Z-axis rapid feed	mm	18(1000、1500)6(2000 以上规格加装 1:3 行星减速机 More than 2000 specifications plus 1:3 planetary reducer)	
X 轴丝杠规格 (直径 / 螺距) X-axis screw Diameter/pitch	mm	32/05(南京工艺 Nanjing technology)	
Z 轴丝杠规格 (直径 / 螺距) Z-axis screw Diameter/pitch	Nm	50/12(100Q 150Q 2000)63/12(3000 以上规格 Specifications above 3000)(南京工艺 Nanjing technology)	
X/Z 轴电机扭矩 X/Z axis motor torque	mm	10/15	
尾架套筒直径 / 行程 Tailstock quill diameter/travel	—	100/250	
套筒锥孔规格 Tailstock quill taper	—	莫氏 6# MT6	
套筒驱动方式 Sleeve drive system	—	手动 Manual	
尾座驱动 Tailstock drive	—	手动 Manual	
刀架形式 Turret type	mm	240*240 立式 4 工位 Vertical 4 station(常州 Changzhou)	
外圆车刀刀柄规格 External turning tool shank specification	mm	32*32	
镗孔刀刀柄最大直径 Max.diameter of boring tool holder	mm	ϕ32	
X 轴定位精度 X axis Positioning accuracy	mm	0.03	
Z 轴定位精度 Z axis Positioning accuracy	mm	0.03(1000) 0.05(1500)	
X 轴重复定位精度 X axis Repeated positioning accuracy	mm	0.009	
Z 轴重复定位精度 Z axis Repeated positioning accuracy	mm	0.014(1000) 0.018(1500)	
卡盘直径 (手动) Chuck diameter (manual)	mm	ϕ315 三爪卡盘 ϕ315 3-jaw chuck	ϕ400 三爪卡盘 ϕ400 3-jaw chuck
中心架、跟刀架 Steady rest, Follow rest	-	2000 以上规格带中心架 ϕ50-ϕ250 跟刀架 ϕ30-ϕ120 Above 2000 specifications with Steady rest ϕ50-ϕ250 and Follow rest ϕ30-ϕ120	
数控系统 CNC system	KVA	广州数控 GSK980TDi	
电气总容量 Total electrical capacity	mm	30	
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	3250*2000*2000(1000) 3750*2000*2000(1500) 4250*2000*2000(2000) 5250*2000*2000(3000) 6250*2000*2000(4000) 7250*2000*2000(5000) 8250*2000*2000(6000)	3250*2000*2000(1000) 3750*2000*2000(1500) 4250*2000*2000(2000) 5250*2000*2000(3000) 6250*2000*2000(4000) 7250*2000*2000(5000) 8250*2000*2000(6000)
机床重量 Machine weight	kg	4500(1000) 4800(1500) 5200(2000) 6000(3000) 6800(4000) 7500(5000) 8200(6000)	4700(1000) 5000(1500) 5400(2000) 6200(3000) 7000(4000) 7700(5000) 8400(6000)

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CAK86 CAK110 CAK125

600mm 导轨宽系列数控卧式车床

600 GUIDEWAY WIDE SERIES CNC HORIZONTAL LATHE

▶ 主要特点 MAIN FEATURES

- 机床采用加重新型整体床身，刚性高，运行稳定，排屑流畅，导轨宽度 600mm。
- 通过有限元法优化设计，具备高刚性、低热变形、高主轴转速、低温升、低振动及快速移动特点，设计达国际先进水平。
- 关键外购件（如数控系统、主轴轴承、滚珠丝杆）选用国际国内知名品牌，确保高可靠性。
- 先进结构与工艺保障高加工精度与长期精度保持性，工件一致性达 IT6-IT7 级精度，表面粗糙度 Ra1.6um。
- 关键零件（床身、床头箱、床鞍、尾座）采用先进设备加工，确保高精度与技术性能。
- 模块化设计支持多种配置（主轴、刀架、卡盘、尾座、系统等），满足多样化加工需求。
- 主传动系统标配手动四档变速，主轴通孔直径 130mm，刚性增强；外置油箱淋浴式润滑，充分润滑并散热，减少主轴发热对精度影响。

- The machine adopts weighted new integral bed, high rigidity, stable operation, smooth chip removal, and the width of the guideway is 600mm.
- through the finite element method optimization design, with high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration and fast movement characteristics, the design reaches the international advanced level.
- key outsourcing parts (such as CNC system, spindle bearings, ball screws) are selected from international and domestic famous brands to ensure high reliability.
- advanced structure and technology guarantee high machining accuracy and long-term accuracy retention, the consistency of the workpiece reaches IT6-IT7 level accuracy, surface roughness Ra1.6um.
- Key parts (bed, headstock, saddle, tailstock) are processed by advanced equipment to ensure high precision and technical performance.
- Modular design supports various configurations (spindle, tool holder, chuck, tailstock, system, etc.) to meet diversified machining needs.
- The main transmission system is standardized with manual four-speed gear, spindle through-hole diameter of 130mm, rigidity enhancement; external oil tank shower lubrication, full lubrication and heat dissipation, reduce the spindle heat on the accuracy of the impact.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CAK86	CAK110	CAK125
床身最大回转直径 Max.swing diameter over bed	mm	φ800	φ1100	φ1250
滑板上最大回转直径 Max.swing over cross slide	mm	φ480	φ780	φ930
最大切削直径 Max.cutting diameter	mm	φ800	φ1100	φ1250
最大工件长度 Max.protessing length	mm	1000/1500/2000/3000/4000/5000/6000/8000		
最大切削长度 Max.cutting length	mm	850/1350/1850/2850/3850/4850/5850/7850		
最大通过棒料直径 Max.diameter through the bar	mm	φ100(可定做 φ130 Customizable φ130)		
床脚结构 Bed foot structure	—	整体床身 Integral bed		
导轨宽度 Guideway width	mm	700		
主轴转速 Spindle speed	r/min	17-1000		
主电机功率 Main spindle motor	kW	11		
主轴端部型号 Spindle nose type	ISO	A2-11		
主轴通孔直径 Spindle bore	mm	φ104(可定做 φ130 Customizable φ130)		
主轴锥孔规格 Spindle taper hole specification	—	φ120(1:20)		
主轴转速级数 Number of spindle speed	—	自动四挡 / 手动四挡，挡内无极 Automatic 4 setps /Manual 4 setps, stepless speed changing		
主轴轴承 Main spindle bearing		NN3032K/P5 NN3026K/P5234432BM/P56028/P5 /(φ130) 用 NNU4938/P5 NNU4932/P551140M/P516034M/P5		
主轴中心至地面高度 Height from spindle center to ground	mm	1150	1300	1425
X 轴行程 X axis travel	mm	420	550	625
Z 轴行程 Z axis travel	m/min	850/1350/1850/2850/3850/4850/5850/7850		
X 轴快速移动 X-axis rapid feed	m/min	7.5		
Z 轴快速移动 Z-axis rapid feed	mm	18(1000、1500)6(2000 以上规格加装 1:3 行星减速机 More than 2000 specifications plus 1:3 planetary reducer))		
X 轴丝杠规格 (直径 / 螺距) X-axis screw Diameter/pitch	mm	32/05(南京工艺 Nanjing technology)		
Z 轴丝杠规格 (直径 / 螺距) Z-axis screw Diameter/pitch	Nm	50/12(100Q 150Q 2000)63/12(3000 以上规格 Specifications above 3000) (南京工艺 Nanjing technology)		
X/Z 轴电机扭矩 X/Z axis motor torque	mm	10/15		
尾架套筒直径 / 行程 Tailstock quill diameter/travel	—	120/250		
套筒锥孔规格 Tailstock quill taper	—	莫氏 6# MT6		
套筒驱动方式 Sleeve drive system	—	手动 Manual		
尾座驱动 Tailstock drive	—	手动 Manual		
刀架形式 Turret type	mm	280X280 立式 4 工位 (常州) Vertical 4 station(常州 Changzhou)		
外圆车刀刀柄规格 External turning tool shank specification	mm	32×32		
镗孔刀刀柄最大直 径 Max.diameter of boring tool holder	mm	φ32		
X 轴定位精度 X axis Positioning accuracy	mm	0.03		
Z 轴定位精度 Z axis Positioning accuracy	mm	0.03(1000) 0.05(1500)		
X 轴重复定位精度 X axis Repeated positioning accuracy	mm	0.009		
Z 轴重复定位精度 Z axis Repeated positioning accuracy	mm	0.014(1000) 0.018(1500)		
卡盘直径 (手动) Chuck diameter (manual)	mm	φ400 三爪卡盘 3-jaw chuck	φ800 四爪单动卡盘 4-jaw single-action chucks	φ1000 四爪单动卡盘 4-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	-	2000 以上规格带中心架 φ50-φ350 跟刀架 φ30-φ160 Above 2000 specifications with Steady rest φ50-φ350 and Follow rest φ30-φ160		
数控系统 CNC system	KVA	广州数控 GSK980TDi		
电气总容量 Total electrical capacity	mm	30		
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	3250×2050×2000(1000) 3750×2050×2000(1500) 4250×2050×2000(2000) 5250×2050×2000(3000) 6250×2050×2000(4000) 7250×2050×2000(5000) 8250×2050×2000(6000) 10250×2050×2000(8000)	3250×2150×2150(1000) 3750×2150×2150(1500) 4250×2150×2150(2000) 5250×2150×2150(3000) 6250×2150×2150(4000) 7250×2150×2150(5000) 8250×2150×2150(6000) 10250×2150×2150(8000)	3250×2250×2200(1000) 3750×2250×2200(1500) 4250×2250×2200(2000) 5250×2250×2200(3000) 6250×2250×2200(4000) 7250×2250×2200(5000) 8250×2250×2200(6000) 10250×2250×2200(8000)
机床重量 Machine weight	kg	5000(1000)5500(1500) 6000 (2000)6500(3000) 7300(4000)7800(5000) 8300(6000)9500(8000)	5500(1000)6000(1500) 6500(2000)7000(3000) 7800(4000)8200(5000) 8800(6000)10000(8000)	5800(1000)6300(1500) 6800 (2000)7300(3000) 8100(4000)8600(5000) 9100(6000)10300(8000)

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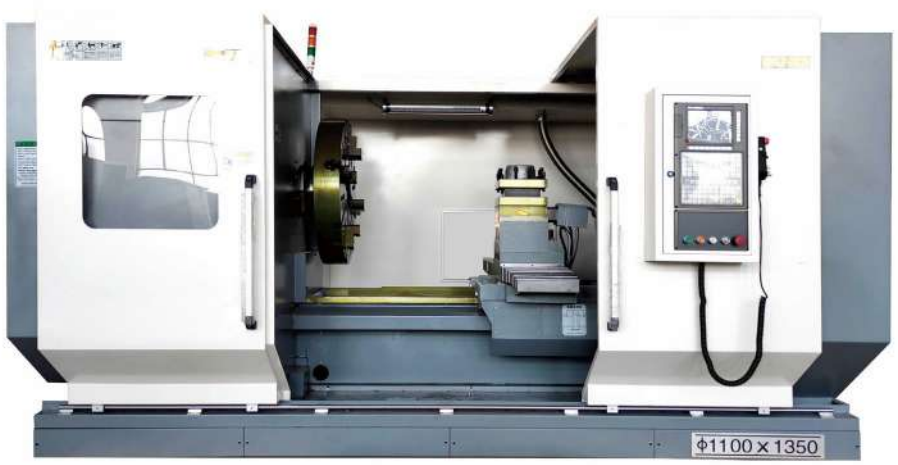
CAK80 CAK110 CAK125

700mm 导轨宽系列数控卧式车床

700 GUIDEWAY WIDE SERIES CNC HORIZONTAL LATHE



▶ 主要特点 MAIN FEATURES

- 机床采用加重新型整体床身，刚性高，运行稳定，排屑流畅，导轨宽度 700mm。
- 通过有限元法优化设计，具备高刚性、低热变形、高主轴转速、低温升、低振动及快速移动特点，设计达国际先进水平。
- 关键外购件（如数控系统、主轴轴承、滚珠丝杆）选用国际国内知名品牌，确保高可靠性。
- 先进结构与工艺保障高加工精度与长期精度保持性，工件一致性达 IT6-IT7 级精度，表面粗糙度 Ra1.6um。
- 关键零件（床身、床头箱、床鞍、尾座）采用先进设备加工，确保高精度与技术性能。
- 模块化设计支持多种配置（主轴、刀架、卡盘、尾座、系统等），满足多样化加工需求。
- 主传动系统标配手动四档变速，主轴通孔直径 130mm，刚性增强；外置油箱淋浴式润滑，充分润滑并散热，减少主轴发热对精度影响。

- The machine adopts weighted new integral bed, high rigidity, stable operation, smooth chip removal, and the width of the guideway is 700mm.
- through the finite element method optimization design, with high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration and fast movement characteristics, the design reaches the international advanced level.
- key outsourcing parts (such as CNC system, spindle bearings, ball screws) are selected from international and domestic famous brands to ensure high reliability.
- advanced structure and technology guarantee high machining accuracy and long-term accuracy retention, the consistency of the workpiece reaches IT6-IT7 level accuracy, surface roughness Ra1.6um.
- Key parts (bed, headstock, saddle, tailstock) are processed by advanced equipment to ensure high precision and technical performance.
- Modular design supports various configurations (spindle, tool holder, chuck, tailstock, system, etc.) to meet diversified machining needs.
- The main transmission system is standardized with manual four-speed gear, spindle through-hole diameter of 130mm, rigidity enhancement; external oil tank shower lubrication, full lubrication and heat dissipation, reduce the spindle heat on the accuracy of the impact.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CAK86	CAK110	CAK125
床身最大回转直径 Max.swing diameter over bed	mm	ϕ800	ϕ1100	ϕ1250
滑板上最大回转直径 Max.swing over cross slide	mm	ϕ480	ϕ780	ϕ930
最大切削直径 Max.cutting diameter	mm	ϕ800	ϕ1100	ϕ1250
最大工件长度 Max.protessing length	mm	1000/1500/2000/3000/4000/5000/6000/8000		
最大切削长度 Max.cutting length	mm	850/1350/1850/2850/3850/4850/5850/7850		
最大通过棒料直径 Max.diameter through the bar	mm	ϕ100(可定做 ϕ130 Customizable ϕ130)		
床脚结构 Bed foot structure	—	整体床身 Integral bed		
导轨宽度 Guideway width	mm	700		
主轴转速 Spindle speed	r/min	17-1000		
主电机功率 Main spindle motor	kW	11		
主轴端部型号 Spindle nose type	ISO	A2-11		
主轴通孔直径 Spindle bore	mm	ϕ104(可定做 ϕ130 Customizable ϕ130)		
主轴锥孔规格 Spindle taper hole specification	—	ϕ120(1:20)		
主轴转速级数 Number of spindle speed	—	自动四挡 / 手动四挡，挡内无极 Automatic 4 setps /Manual 4 setps, stepless speed changing		
主轴轴承 Main spindle bearing		NN3032K/P5 NN3026K/P5234432BM/P56028/P5 /(ϕ130) 用 NNU4938/P5 NNU4932/P551140M/P516034M/P5		
主轴中心至地面高度 Height from spindle center to ground	mm	1150	1300	1425
X 轴行程 X axis travel	mm	420	550	625
Z 轴行程 Z axis travel	m/min	850/1350/1850/2850/3850/4850/5850/7850		
X 轴快速移动 X-axis rapid feed	m/min	7.5		
Z 轴快速移动 Z-axis rapid feed	mm	18(1000、1500)6(2000 以上规格加装 1:3 行星减速机 More than 2000 specifications plus 1:3 planetary reducer))		
X 轴丝杠规格 (直径 / 螺距) X-axis screw Diameter/pitch	mm	32/05(南京工艺 Nanjing technology)		
Z 轴丝杠规格 (直径 / 螺距) Z-axis screw Diameter/pitch	Nm	50/12(100Q 150Q 2000)63/12(3000 以上规格 Specifications above 3000) (南京工艺 Nanjing technology)		
X/Z 轴电机扭矩 X/Z axis motor torque	mm	10/15		
尾架套筒直径 / 行程 Tailstock quill diameter/travel	—	120/250		
套筒锥孔规格 Tailstock quill taper	—	莫氏 6# MT6		
套筒驱动方式 Sleeve drive system	—	手动 Manual		
尾座驱动 Tailstock drive	—	手动 Manual		
刀架形式 Turret type	mm	280X280 立式 4 工位 (常州) Vertical 4 station(常州 Changzhou)		
外圆车刀刀柄规格 External turning tool shank specification	mm	32×32		
镗孔刀刀柄最大直 径 Max.diameter of boring tool holder	mm	ϕ32		
X 轴定位精度 X axis Positioning accuracy	mm	0.03		
Z 轴定位精度 Z axis Positioning accuracy	mm	0.03(1000) 0.05(1500)		
X 轴重复定位精度 X axis Repeated positioning accuracy	mm	0.009		
Z 轴重复定位精度 Z axis Repeated positioning accuracy	mm	0.014(1000) 0.018(1500)		
卡盘直径 (手动) Chuck diameter (manual)	mm	ϕ400 三爪卡盘 3-jaw chuck	ϕ800 四爪单动卡盘 4-jaw single-action chucks	ϕ1000 四爪单动卡盘 4-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	-	2000 以上规格带中心架 ϕ50-ϕ350 跟刀架 ϕ30-ϕ160 Above 2000 specifications with Steady rest ϕ50-ϕ350 and Follow rest ϕ30-ϕ160		
数控系统 CNC system	KVA	广州数控 GSK980TDi		
电气总容量 Total electrical capacity	mm	30		
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	3250×2200×2000(1000) 3750×2200×2000(1500) 4250×2200×2000(2000) 5250×2200×2000(3000) 6250×2200×2000(4000) 7250×2200×2000(5000) 8250×2200×2000(6000) 10250×2200×2000(8000)	3250×2250×2150(1000) 3750×2250×2150(1500) 4250×2250×2150(2000) 5250×2250×2150(3000) 6250×2250×2150(4000) 7250×2250×2150(5000) 8250×2250×2150(6000) 10250×2250×2150(8000)	3250×2350×2200(1000) 3750×2350×2200(1500) 4250×2350×2200(2000) 5250×2350×2200(3000) 6250×2350×2200(4000) 7250×2350×2200(5000) 8250×2350×2200(6000) 10250×2350×2200(8000)
机床重量 Machine weight	kg	5600(1000)6100(1500) 6600 (2000)7100(3000) 7800(4000)8600(5000) 9200(6000)10600(8000)	6100(1000)6600(1500) 7100 (2000)7600(3000) 8400(4000)8800(5000) 9400(6000)11100(8000)	6400(1000)6900(1500) 7400 (2000)7700(3000) 8700(4000)9000(5000) 9700(6000)11400(8000)

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QK1313 QK1319 QK1322（550 导轨）
数控管子螺纹车床

CNC PIPE THREADING LATHE（550 GUIDEWAY）

▶ 主要特点 MAIN FEATURES

本系列数控管螺纹车床主要用于加工管道工件的内外螺纹，同时具备普通数控车床的功能，可对轴类和盘类等工件进行外圆、内孔和端面的加工；该系列机床广泛应用于石油行业对钻杆、接头、套管等工件的加工和修复，同时也可应用于地质勘探、矿产开采、化工冶炼、管网建设、机械制造和船舶建造等行业。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	QK1313	QK1319		QK1322	
		手动换档 Manual	手动换档 Manual	液压换档 HYD	手动换档 Manual	液压换档 HYD
床身上最大回转直径 Max. swivel diameter on the bed	mm	630/800	630/800		630/800	
横滑板上最大回转直径 Max. swivel diameter on cross slide	mm	340/520	340/520		340/520	
最大工件长度 Max. workpiece length	mm	1000-6000	1000-6000		1000-6000	
加工管螺纹直径范围 Pipe thread diameter range	mm	30-126	50-193		50-220	
床身导轨宽度 Guideway width	mm	550	550		550	
床身承重范围 Max.load capacity	T	3	3		3	
主轴孔径范围 Spindle bore	mm	130	206		225	
主轴转速级数 Spindle speed steps		3 档变频 VF.3 steps	4 档变频 VF.4 steps	4 档液压 HYD.4 steps	4 档变频 NF.4 steps	4 档液压 HYD.4 steps
主轴转速范围 Spindle speed range	rpm	30-800	20-500		20-500	
卡盘规格 ChuckChuck Specifications	mm	ϕ400 手动三爪 / ϕ4003-jaw manual	ϕ500 手动三爪 ϕ5003-jaw manual		ϕ500 手动三爪 /ϕ5003-jaw manual	
刀架类型 Turretrool post	——	4 工位电动刀架 4-station electric tool holder	4 工位电动刀架 4-station electric tool holder		4 工位电动刀架 4-station electric tool holder	
刀具尺寸 Tool shank size	mm	32×32	32×32		32×32	
X 轴行程 X axis travel	mm	340/420	340/420		340/420	
Z 轴行程 Z axis travel	mm	1000-6000	1000-6000		1000-6000	
x 轴快速进给速度 X-axis rapid feed speed	mm/min	4000	4000		4000	
Z 轴快速进给速度 Z-axis rapid feed speed	mm/min	6000	6000		6000	
尾座套筒直径 Tailstock qull diameter	mm	ϕ100	ϕ100		ϕ100	
尾座套筒锥度 Tailstock quill taper	——	MT6	MT6		MT6	
尾座套筒行程 Tailstock quill travel	mm	250	250		250	
主轴电机 Main spinde motor	kW	11	11		11	
冷却泵电机 Coolant pump motor	kW	0.25	0.25		0.25	
宽度 W× 高度 H Width x Height	mm	1800×1850	1880×1850		1880×1850	
长度 L Length	mm	3000/8300	3000/8300		3000/8300	
机器净重 Net weight	T	4-8	4.6-86		4.7-8.7	

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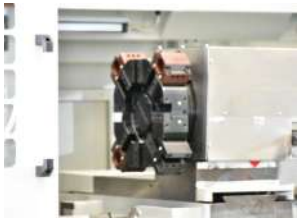
QK1313 QK1319 QK1322（600 导轨）
数控管子螺纹车床

CNC PIPE THREADING LATHE（600 GUIDEWAY）



▶ 主要特点 MAIN FEATURES

本系列数控管螺纹车床主要用于加工管道工件的内外螺纹，同时具备普通数控车床的功能，可对轴类和盘类等工件进行外圆、内孔和端面的加工；该系列机床广泛应用于石油行业对钻杆、接头、套管等工件的加工和修复，同时也可应用于地质勘探、矿产开采、化工冶炼、管网建设、机械制造和船舶建造等行业。

This series CNC pipe threading lathe is mainly designed for processing internal and external pipe threads including metric,inch,module,DP and taper threads,as well as having all the common functions of normal CNClathe such as processing the inner bore and end faceof shafts and disks.This series lathe machine is widely usedin industries including petroleum exploiting,minerals mining,chemical piping and geological prospecting,it is high-efficiency equipment in processing and repairing diling pipe,diling rod,thread coup-ling and so on.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	QK1325		QK1327c	
		手动换档 Manual	液压换档 HYD	手动换档 Manual	液压换档 HYD
床身上最大回转直径 Max. swivel diameter on the bed	mm	800-1000		800-1000	
横滑板上最大回转直径 Max. swivel diameter on cross slide	mm	480-680		480-680	
最大工件长度 Max. workpiece length	mm	1000-6000		1000-6000	
加工管螺纹直径范围 Pipe thread diameter range	mm	50-250		50-270	
床身导轨宽度 Guideway width	mm	600		600	
床身承重范围 Max.load capacity	T	4		4	
主轴孔径范围 Spindle bore	mm	255		280	
主轴转速级数 Spindle speed steps		4 档变频 /VF.4 steps	4 档液压 /HYD.4 steps	4 档变频 NF.4 steps	4 档液压 HYD.4 steps
主轴转速范围 Spindle speed range	rpm	20x420		20x420	
卡盘规格 Chuck Specifications	mm	ϕ630 四爪单动		ϕ680 四爪单动	
刀架类型 Turret/tool post	——	4 工位电动刀架 4-station electric tool holder		4 工位电动刀架 4-station electric tool holder	
刀具尺寸 Tool shank size	mm	40x40		40x40	
X 轴行程 X axis travel	mm	420/500		420/500	
Z 轴行程 Z axis travel	mm	1000-6000		1000-6000	
x 轴快速进给速度 X-axis rapid feed speed	mm/min	4000		4000	
Z 轴快速进给速度 Z-axis rapid feed speed	mm/min	6000		6000	
尾座套筒直径 Tailstock qull diameter	mm	ϕ120		ϕ120	
尾座套筒锥度 Tailstock quill taper	——	MT6		MT6	
尾座套筒行程 Tailstock quill travel	mm	250		250	
主轴电机 Main spinde motor	kW	15		15	
冷却泵电机 Coolant pump motor	kW	0.25		0.25	
宽度 × 高度 Width x Height	mm	1930×1900		1930×1900	
长度 Length	mm	3600-8600		3600-8600	
机器净重 Net weight	T	6-95		6.2-9.7	

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QK1323 QK1332 QK1338（755 导轨）
数控管子螺纹车床

CNC PIPE THREADING LATHE（755 GUIDEWAY）

▶ 主要特点 MAIN FEATURES

本系列数控管螺纹车床主要用于加工管道工件的内外螺纹，同时具备普通数控车床的功能，可对轴类和盘类等工件进行外圆、内孔和端面的加工；该系列机床广泛应用于石油行业对钻杆、接头、套管等工件的加工和修复，同时也可应用于地质勘探、矿产开采、化工冶炼、管网建设、机械制造和船舶建造等行业。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	QK1327	QK1332	QK1338	QK1343	QK1350	QK1363
床身上最大回转直径	Max. swivel diameter on the bed	mm	1000	1000	1000	1000	1200	1500
横滑板上最大回转直径	Max. swivel diameter on cross slide	mm	610	610	610	610	710	900
最大工件长度	Max. workpiece length	mm	1500-6000	1500-6000	1500-6000	1500/3000	1500/3000	1500/3000
加工管螺纹直径范围	Pipe thread diameter range	mm	130-270	190-320	190-380	270-430	330-510	330-630
床身导轨宽度	Guideway width	mm	755	755	755	755	765	1100
床身承重范围	Max.load capacity	T	6	6	6	6	6	10
主轴孔径范围	Spindle bore range	mm	280	330	390	440	520	640
主轴转速级数	Spindle speed steps		4 档变频 NF.4 steps	3 档变频 NF.3steps	3 档变频 NF.3 steps	3 档变频 NF.3 steps	3 档变频 NF.3steps	3 档变频 NF.3 steps
主轴转速范围	Spindle speed range	rpm	10-320	10-280	a-205	10-210	10-200	1-170
卡盘规格	Chuck Specifications	mm	ф800 手动四爪 /4-jaw manual	ф780 电动四爪 /4-jaw electric	ф850 电动四爪 /4-jaw manual	ф1000 电动四爪 /4-jaw electric		ф1250 手动四爪 /4-jaw manual
刀架类型	Turret/tool post		4 工位电动刀架 /NC turret 4 position			4 工位电动刀架 /NC turret 4 position		
刀具尺寸	Tool shank size	mm	40×40	40x40	40×40	40×40	50×50	50×50
X 轴行程	X-axis travel	mm	520	520	520	520	520	750
Z 轴行程	Z-axis travel	mm	500-6000	500-6000	500-6000	1250/2750	1250/2750	1250/2750
X 轴快速进给速度	X-axis rapid feed speed	mm/min	4000	4000	4000	4000	4000	4000
Z 轴快速进给速度	Z-axis rapid feed speed	mm/min	6000	6000	6000	6000	6000	6000
尾座套筒直径	Tailstock quill diameter	mm	ф160	ф160	ф160	ф160	ф160	ф260(回转套筒)
尾座套筒锥度	Tailstock quil taper		MT6	MT6	MT6	MT6	MT6	Metric80
尾座套筒行程	Tailstock quil travel	mm	300	300	300	300	300	300
主轴电机	Main spindle motor	kW	22	22	22	22	22	37
冷却泵电机	Coolant pump motor	kW	0.25	0.25	0.25	0.25	0.25	0.25
宽度 x 高度	WidthxHeight	mm	2050×2050	2080×2080	2220×2120	2220×2120	2300×2200	2500×2500
长度 L	Length	mm	4950/9450	5000/9500	5000/9500	5000/6500	5000/6500	5600/7100
机器净重	Net weight	T	10.5/15.6	11.5/15.9	12.0/16.4	13.0/14.0	15.0/16.0	18.0/19.3

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QKD1325 QKD1330 QKD1335（755 导轨）
数控管子螺纹车床

CNC PIPE THREADING LATHE（755 GUIDEWAY）

▶ 主要特点 MAIN FEATURES

本系列数控管螺纹车床主要用于加工管道工件的内外螺纹，同时具备普通数控车床的功能，可对轴类和盘类等工件进行外圆、内孔和端面的加工；该系列机床广泛应用于石油行业对钻杆、接头、套管等工件的加工和修复，同时也可应用于地质勘探、矿产开采、化工冶炼、管网建设、机械制造和船舶建造等行业。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	QKD1325	QKD1330	QKD1335
床身上最大回转直径 Max. swivel diameter on the bed	mm	800	900	
拖板上最大回转直径 Max. swivel diameter on cross slide	mm	435	535	
最大工件长度 Max. workpiece length	mm	1000-3000	1000-3000	
加工管螺纹直径范围 Pipe thread diameter range	mm	50-235	110-290	110-340
床身导轨宽度 Guideway width	mm	755	755	755
床身承重范围 Max.load capacity	T	5	5	5
主轴孔径范围 Spindle bore	mm	240	305	355
主轴转速级数 Spindle speed steps	——	无极变速 /Stepless	无极变速 /Stepless	
主轴转速范围 Spindle speed range	r/min	90-450	90-350	90-350
卡盘规格 Chuck Specification	——	ф630 电动复合四爪卡盘 / ф6304-jaw electric	ф780 电动复合四爪卡盘 /ф7804-jaw electric	
刀架类型 Turret/tool post	——	4 工位电动刀架 NC turret 4 position	4 工位电动刀架 NC turret 4 position	
刀具尺寸 Tool shank size	mm	32×32	40×40	40×40
X 轴行程 x axis travel	mm	480	480	480
Z 轴行程 (无尾座) Z axis travel(without tailstock)	mm	1000-3000	1000-3000	1000-3000
X 轴快速进给速度 X-axis rapid feed speed	mm/ min	4000	4000	4000
Z 轴快速进给速度 Z-axis rapid feed speed	mm/ min	6000	6000	6000
伺服主轴电动机 Main spindle motor	KW	22	22	22
冷却泵电机 Coolant pump motor	KW	0.25	0.25	0.25
宽度 x 高度 Width x Height	mm	2050×2050	2050×2050	2050×2050
长度 Length	mm	3952/5950	3952/5950	3952/5950
机床重量 (约)Net.weight(about)	T	8.1-10	8.9	10.9

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QKY 系列 45°斜床身数控管螺纹车床

QKY SERIES 45° SLANT BED CNC PIPE THREADING LATHE

▶ 主要特点 MAIN FEATURES

本系列斜床身数控车床是高精度、高效率的斜床身自动化机床，配备多工位伺服或动力刀塔等先进配置，能够加工直线圆柱、斜线圆柱、圆弧和各种螺纹，并且能够加工蜗杆等复杂工件，具有编程简单、结构可靠、操作方便和自动化程度高等特点，是油管等管件加工领域常用的高效率数控加工设备。

Slant bed CNC pipe threading lathe series is the new type automatic lathe with high precision and high efficiency,it equips with advanced accessories such as servo or power turret etc.,this series lathe is capable of processing arc,straight and oblique cylinder workpiece,as well as turning threads etc., it is also used as normal cnc lathe to turn the internal and external cylindrical surface,conical surface and other rotating surfaces etc.

主轴孔径大、通过性高，前后双气动卡盘工件夹持稳定、加工效率高
树脂砂工艺铸造整体床身，经时效处理，外形美观、刚性好、精度高
采用高品质刮屑板防导轨刮伤，导轨面使用贴塑，耐磨性好、精度高
采用 45°斜床身和高频淬火硬轨，以保证高强度切削的稳定性和精度

Big spindle bore and double chuck to ensure process big diameter pipe
Double pneumatic chucks ensure hold workpiecestable and efficiency
One-piece bed adopts high strength iron to ensure rigidity and precision
Ultrasonic frequency quenched guide-ways ensure good wear-resistance
Carriage and guide-way contact surface use Turcite B to maintain accuracy

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	QKY1319J	QKY1322J	QKY1325J	QKY1327J	QKY1330J	QKY1335J	QKY1312	QKY1315	QKY1319	QKY1322
床身上最大回转直径	Max. swivel diameter on the bed	mm	600	600	800	800	800	800	600	630	680	680
最大加工直径	Max. machining diameter	mm	450	450	450	450	450	450	500	600	600	600
横滑板上最大回转直径	Max. swivel diameter on cross slide	mm	450	450	450	450	450	450	200	440	450	450
最大工件长度	Max. workpiece length	mm	600	600	600	600	600	600	600	1000	920	920
床身倾斜角度	Bed tilt angle	°	45	45	45	45	45	45	45	45	45	45
主轴孔径范围	Spindle bore range	mm	206	225	255	280	300	355	120	150	200	225
主轴鼻端型号	Spindle nose type	——	短圆柱 Short cylinder						A2-11	A2-11	A2-15	A2-15
棒料通过直径	Bar through diameter	——	190	220	250	275	295	350	110	140	190	220
主轴最高转速	Spindle speed	rpm	550	550	450	450	350	350	850	800	550	550
刀架类型	Turret/tool post	——	4 工位电动刀架 /NC turret 4 position						排刀 Gang type tool holader	8 工位液压刀塔 /Hydraulic turret 8 position		
刀具尺寸	Tool shank size	mm	32×32	32×32	32×32	32×32	40×40	40×40	32×32	32×32	32×32	32×32
X 轴行程	X-axis travel	mm	350	350	350	350	350	350	350	335	350	350
Z 轴行程	Z-axis travel	mm	600	600	600	600	600	600	800	1100	1140	1140
X 轴快速进给速度	X-axis rapid traverse	mm/min	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Z 轴快速进给速度	Z-axis rapid traverse	mm/min	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
液压尾座套筒直径	Tailstock quill diameter	mm	不配尾座 AWithout tailstock							130	140	140
液压尾座套筒锥度	Tailstock qulltaper	——	——	——	——	——	——	——	——	MT5	MT6	MT6
液压尾座套筒行程	Tailstock quilltravel	mm	——	——	——	——	——	——	——	150	200	200
主轴电机	Main spindle motor	kW	22	22	22	22	30	30	15	15	22	22
冷却泵电机	Coolant pump motor	kW	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.37	0.37	0.37
宽度 x 高度 (W x H)	Width xHeight(W x H)	mm	2250X2350	2250X2350	2250X2350	2250X2350	2250X2350	2250X2350	1850×1750	2050×2300	2000×2200	2000×2200
长度 L(含排屑器)	Length(chip conveyor included)	mm	5100	5100	5100	5100	5100	5100	4450	4850	6600	6600
机器净重	Net weight	T	10.3	10.5	11.3	11.5	12.5	12.5	7.5	7.5	11.8	12.0

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Y3150E Y3180H 数控滚齿机

CNC GEAR HOBBING MACHINE

▶ 主要特点 MAIN FEATURES

1、主轴电机直接安装在刀架上，通过三对高精度圆柱斜齿传动到滚刀主轴，减少了传动误差，提高了传动精度。
2、工作台采用高精度双导程涡轮蜗杆传动，并设计有阻尼机构。工作台下方还有卸荷油缸，以减轻 C 轴电机的负荷，延长工作台圆形导轨的使用寿命。
3、主导轨采用硬轨淬火、粘胶加工，保证了机床的耐用性。
4、Z 轴运动采用平衡油缸和链条配重的新型结构，使滚刀上下切削时的平衡性更好，切削更平稳，有效延长滚珠丝杠的使用寿命。
5、本机可根据用户需要定做五轴或六轴机型。

1. The spindle motor is directly installed on the tool rest and is transmitted to the hob spindle through three pairs of high-precision cylindrical helical teeth, which reduces the transmission error and improves the transmission accuracy.
2. The worktable adopts high-precision double-lead turbine worm drive, and is designed with a damping mechanism. There is also an unloading oil cylinder under the worktable to reduce the load of the C-axis motor and prolong the service life of the circular guide rail of the worktable.
3. The main guide rail is processed by hard rail quenching and plastic sticking, which ensuring the durability of the machine tool.
4. The Z-axis movement adopts a new structure of balanced oil cylinder and chain counterweight, which makes the hob better balance when cutting up and down, so cutting is more stable, and service life of the ball screw can be effectively extended.
5. The machine can be customized with five-axis or six-axis models according to user needs.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Y3150E	Y3180H
最大切削模数 Max working module(钢材 steel)	mm	5	8
最大切削模数 Max working module(铸铁 cast iron)	mm	6	10
加工直齿圆柱齿轮最大直径 Max diameter of cutting cylindrical straight gear (with column)	mm	350	550
加工直齿圆柱齿轮最大直径 Max diameter of cutting cylindrical straight gear (without column)	mm	500	800
加工圆柱螺旋齿轮最大直径 30 度左，右螺旋角 Max diameter cuttingcylihdrical helical gear (30 degree,right rorate)	mm	370	-
加工圆柱螺旋齿轮最大直径 45 度左，右螺旋角 Max diameter cutting cylindrical helical gear (45 degree,right rorate)	mm	250	-
加工圆柱螺旋齿轮刀架行程［ 30 度螺旋角 (右旋)］ The tool rest travel Whencutting cylndricaT helical gear [30 degree rotate(right)]	mm	160	-
加工圆柱螺旋齿轮刀架行程［30 度螺旋角 (左旋)］ The tool rest travel when cutting cylindricaT helical gear [30 degree rotate (left)]	mm	240	-
加工圆柱螺旋齿轮刀架行程［45 度螺旋角 (右旋)］ The tool rest travel When cutting cylindricaT helical gear ［45 degree rotate(right) ］	mm	65	-
加工圆柱螺旋齿轮刀架行程［45 度螺旋角 (左旋)］ The tool rest travel when cutting cylindricaT helical gear [45 degree rotate (left)]	mm	105	-
刀架滑板最大行程 (Z 轴)The travel of toolrest slide (Zaxis)		240	350
工作台最大行程 (轴)The travel of worktabe (X axis	mm	250	-
滚刀心轴至工作台中心线间的距离 Distance from hob spindle to worktable surface(最大 Max)	mm	320	235-585
最大加工螺旋角 Max machining helical degree		45°	45°
主轴锥孔锥度 (莫氏锥度)Spinlde taper		MT4	MT5
滚刀心轴轴线至工作台台面最小距离 Min distance from hob mandrel axix to worktable surface	mm	170	235
滚刀心轴轴线至工作台台面最大距离 Maxdistance from hob mandrel axix to worktable surface	mm	410	585
滚刀可换心轴直径 he changeable mandrel diameter of hob cutter (mm)	mm	22/27/32/40	22/27/32/40
滚刀最大直径 The hob cutter diameter	mm	120	180
工作台孔直径 Diameter of workingtable hole (mm)	mm	60	80
滚刀主轴转速 Gear hob spindle rotating speed	r/min	0-570	40~200
径向进给速度 Radial feeding speed	r/min	0-6000	-
轴向进给速度 Axis feeding speed	r/min	0-6000	1500
泵电动机 pump motor	w	120	1.1
泵转速 Pump rotating speed	r/min	2760	910
机床尺寸 Size(L*W*H)(mm)	mm	210*1450*1900	2752×1490×1870
主电机功率 Main motor Power	kw	5	5.5
机床净重 / 毛重 Machine Net/Gro weight	kg	2600/3200	5500

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Y3150CNC6(4) 数控滚齿机

CNC GEAR HOBBING MACHINE

▶ 主要特点 MAIN FEATURES

本机床为六轴数控滚齿机，径向进给轴（X 轴）、切向进给轴（Y 轴）、轴向进给轴（Z 轴）、刀架回转轴（A 轴）、滚刀主轴回转轴（B 轴）、工作台回转轴（C 轴）。

1. 主轴电机直接安装在刀架上，经过三对高精度圆柱斜齿传动至滚刀主轴，降低了传动误差，提高传动精度。
2. 工作台采用高精度双导程涡轮蜗杆传动，并设计有阻尼机构，工作台下方还设有卸荷油缸，以降低 C 轴电机的负荷和延长工作台圆导轨的使用寿命。
3. 主要导轨采用硬轨淬火加贴塑工艺处理，从而保证了机床的耐久性。
4. Z 轴运动采用平衡油缸加链条配重的新结构，使滚刀切削上下运动时更好的平衡，从而使切削更加稳定，并且可以有效延长滚珠丝杠的使用寿命。

本机床可以根据用户需求定制四轴或者五轴的型号。

This machine is a six-axis CNC hobbing machine with radial feeding axis (X-axis), tangential feeding axis (Y-axis), axial feeding axis (Z-axis), tool holder rotary axis (A-axis), hobbing spindle rotary axis (B-axis), and table rotary axis (C-axis).

1. The spindle motor is directly mounted on the tool holder and driven to the hob spindle through three pairs of high-precision cylindrical helical gears, which reduces the transmission error and improves the transmission precision.
2、The table adopts high-precision double-guide turbine worm gear transmission and is designed with damping mechanism, and there is also a unloading cylinder under the table to reduce the load of the C-axis motor and prolong the service life of the table's circular guideway.
3、The main guideway is hardened and plasticized to ensure the durability of the machine.
4、Z-axis movement adopts the new structure of balancing cylinder and chain counterweight, which makes the hob cutting up and down movement better balanced, thus making the cutting more stable, and can effectively extend the service life of the ball screw.

The machine can be customized to four-axis or five-axis models according to user requirements.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	YS3150CNC6(4)
最大工件直径 Maximum workpiece diameter	mm	500
最大模数 Maximum modulus	mm	10
加工斜齿轮螺旋角 (A 轴) Helical angle of machined helical gear（A axis）	°	±45
刀架最大回转速度（A axis） Maximum rotating speed of tool post（A axis）	°/s	45
可安装滚刀最大直径 Maximum diameter of installed hobbing cutter	mm	160
可安装滚刀最大长度 Maximum length of installed hobbing cutter	mm	160
滚刀最大轴向移动量 (Y 轴) Maximum axial movement of hobbing cutter （Y axis）	mm	100
滚刀可换芯轴直径 Replaceable mandrel diameter hobbing cutter	mm	22 27 32 40
滚刀主轴锥孔锥度 Conicity of hobbing cutter spindle taper bore	mm	MT5#
滚刀中心到工作台中心水平距离 Horizontal distance from t center of hobbing cutter to center of worktable	mm	25-330
X 轴行程 X axis travel	mm	305
滚刀中心到工作台面垂直距离 Vertical distance from center of hobbing cutter to surface of worktable	mm	90-335
Z 轴行程 Z axis travel	mm	305
后立柱顶尖到工作台面距离 Distance from rear column center to worktable surface	mm	350-700
工作台面直径 Diameter of worktable surface	mm	510
工作台最大承重 Maximum load of worktable	kg	300
滚刀主轴最高转速 (B 轴) Maximum speed of hobbing cutter spindle（B axis）	rpm	625
滚刀轴（B 轴）功率 B axis power(Spindle)	kw	3
轴向进给速度（Z 轴）Axial feeding speed range (Z- axis)	mm/min	0-2000
径向进给速度（X 轴）Radial feeding speed range (X-axis)	mm/min	0-2000
切向运动最大速度 Maximum tangential motion speed	mm/min	2000
工作台最大转速范围（C 轴） Maximum speed range of worktable（C axis）	rpm	30
机床体积（长 X 宽 X 高）Machine volume (L x W x H)	m	2.97x1.80x2.15
机床净重 Net weight of machine	kg	4800

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Y3180 CNC6 数控滚齿机

CNC GEAR HOBBING MACHINE

▶ 主要特点 MAIN FEATURES

本机床为六轴数控滚齿机，径向进给轴（X 轴）、切向进给轴（Y 轴）、轴向进给轴（Z 轴）、刀架回转轴（A 轴）、滚刀主轴回转轴（B 轴）、工作台回转轴（C 轴）。

1. 主轴电机直接安装在刀架上，经过三对高精度圆柱斜齿传动至滚刀主轴，降低了传动误差，提高传动精度。
2. 工作台采用高精度双导程涡轮蜗杆传动，并设计有阻尼机构，工作台下方还设有卸荷油缸，以降低 C 轴电机的负荷和延长工作台圆导轨的使用寿命。
3. 主要导轨采用硬轨淬火加贴塑工艺处理，从而保证了机床的耐久性。
4. Z 轴运动采用平衡油缸加链条配重的新结构，使滚刀切削上下运动时更好的平衡，从而使切削更加稳定，并且可以有效延长滚珠丝杠的使用寿命。

本机床可以根据用户需求定制四轴或者五轴的型号。

This machine is a six-axis CNC hobbing machine with radial feeding axis (X-axis), tangential feeding axis (Y-axis), axial feeding axis (Z-axis), tool holder rotary axis (A-axis), hobbing spindle rotary axis (B-axis), and table rotary axis (C-axis).

1. The spindle motor is directly mounted on the tool holder and driven to the hob spindle through three pairs of high-precision cylindrical helical gears, which reduces the transmission error and improves the transmission precision.
2. The table adopts high-precision double-guide turbine worm gear transmission and is designed with damping mechanism, and there is also a unloading cylinder under the table to reduce the load of the C-axis motor and prolong the service life of the table's circular guideway.
3. The main guideway is hardened and plasticized to ensure the durability of the machine.
4. Z-axis movement adopts the new structure of balancing cylinder and chain counterweight, which makes the hob cutting up and down movement better balanced, thus making the cutting more stable, and can effectively extend the service life of the ball screw.

The machine can be customized to four-axis or five-axis models according to user requirements.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	YS3180CNC6(4)
最大工件直径 Maximum workpiece diameter	mm	800
最大模数 Maximum modulus	mm	12(10)
加工斜齿轮螺旋角 (A 轴) Helical angle of machined helical gear（A axis）	°	±45
刀架最大回转速度（A axis） Maximum rotating speed of tool post（A axis）	°/s	45
可安装滚刀最大直径 Maximum diameter of installed hobbing cutter	mm	180
可安装滚刀最大长度 Maximum length of installed hobbing cutter	mm	180
滚刀最大轴向移动量 (Y 轴) Maximum axial movement of hobbing cutter （Y axis）	mm	100
滚刀可换芯轴直径 Replaceable mandrel diameter hobbing cutter	mm	22 27 32 40
滚刀主轴锥孔锥度 Conicity of hobbing cutter spindle taper bore	mm	MT5#
滚刀中心到工作台中心水平距离 Horizontal distance from t center of hobbing cutter to center of worktable	mm	50-550
X 轴行程 X axis travel	mm	500
滚刀中心到工作台面垂直距离 Vertical distance from center of hobbing cutter to surface of worktable	mm	235-585
Z 轴行程 Z axis travel	mm	350
后立柱顶尖到工作台面距离 Distance from rear column center to worktable surface	mm	400-1100
工作台面直径 Diameter of worktable surface	mm	700
工作台最大承重 Maximum load of worktable	kg	500
滚刀主轴最高转速 (B 轴) Maximum speed of hobbing cutter spindle（B axis）	rpm	625
滚刀轴（B 轴）功率 B axis power(Spindle)	kw	5.5
轴向进给速度（Z 轴） Axial feeding speed range (Z- axis)	mm/min	0-2000
径向进给速度（X 轴） Radial feeding speed range (X-axis)	mm/min	0-2000
切向运动最大速度 Maximum tangential motion speed	mm/min	2000
工作台最大转速范围（C 轴） Maximum speed range of worktable（C axis）	rpm	30
机床体积（长 X 宽 X 高）Machine volume (L x W x H)	m	3.18x1.90x2.25
机床净重 Net weight of machine	kg	5800

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Y31125 CNC6 数控滚齿机

CNC GEAR HOBBING MACHINE

▶ 主要特点 MAIN FEATURES

本机床为六轴数控滚齿机，径向进给轴（X 轴）、切向进给轴（Y 轴）、轴向进给轴（Z 轴）、刀架回转轴（A 轴）、滚刀主轴回转轴（B 轴）、工作台回转轴（C 轴）。

1. 主轴电机直接安装在刀架上，经过三对高精度圆柱斜齿传动至滚刀主轴，降低了传动误差，提高传动精度。
2. 工作台采用高精度双导程涡轮蜗杆传动，并设计有阻尼机构，工作台下方还设有卸荷油缸，以降低 C 轴电机的负荷和延长工作台圆导轨的使用寿命。
3. 主要导轨采用硬轨淬火加贴塑工艺处理，从而保证了机床的耐久性。
4. Z 轴运动采用平衡油缸加链条配重的新结构，使滚刀切削上下运动时更好的平衡，从而使切削更加稳定，并且可以有效延长滚珠丝杠的使用寿命。

本机床可以根据用户需求定制四轴或者五轴的型号。

This machine is a six-axis CNC hobbing machine with radial feeding axis (X-axis), tangential feeding axis (Y-axis), axial feeding axis (Z-axis), tool holder rotary axis (A-axis), hobbing spindle rotary axis (B-axis), and table rotary axis (C-axis).

1. The spindle motor is directly mounted on the tool holder and driven to the hob spindle through three pairs of high-precision cylindrical helical gears, which reduces the transmission error and improves the transmission precision.
2、The table adopts high-precision double-guide turbine worm gear transmission and is designed with damping mechanism, and there is also a unloading cylinder under the table to reduce the load of the C-axis motor and prolong the service life of the table's circular guideway.
3、The main guideway is hardened and plasticized to ensure the durability of the machine.
4、Z-axis movement adopts the new structure of balancing cylinder and chain counterweight, which makes the hob cutting up and down movement better balanced, thus making the cutting more stable, and can effectively extend the service life of the ball screw.

The machine can be customized to four-axis or five-axis models according to user requirements.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Y31125 CNC6
最大工件直径 Maximum workpiece diameter	mm	1250
最大模数 Maximum modulus	mm	18
加工斜齿轮螺旋角 (A 轴) Helical angle of machined helical gear（A axis）	°	±45
刀架最大回转速度（A axis） Maximum rotating speed of tool post（A axis）	°/s	4.5
可安装滚刀最大直径 Maximum diameter of installed hobbing cutter	mm	230
可安装滚刀最大长度 Maximum length of installed hobbing cutter	mm	300
滚刀最大轴向移动量 (Y 轴) Maximum axial movement of hobbing cutter （Y axis）	mm	150
滚刀可换芯轴直径 Replaceable mandrel diameter hobbing cutter	mm	22 27 32 40
滚刀主轴锥孔锥度 Conicity of hobbing cutter spindle taper bore	mm	MT5#
滚刀中心到工作台中心水平距离 Horizontal distance from t center of hobbing cutter to center of worktable	mm	130-700
X 轴行程 X axis travel	mm	570
滚刀中心到工作台面垂直距离 Vertical distance from center of hobbing cutter to surface of worktable	mm	240-700
Z 轴行程 Z axis travel	mm	460
后立柱顶尖到工作台面距离 Distance from rear column center to worktable surface	mm	450-860
工作台面直径 Diameter of worktable surface	mm	950
工作台最大承重 Maximum load of worktable	kg	1000
滚刀主轴最高转速 (B 轴) Maximum speed of hobbing cutter spindle（B axis）	rpm	625
滚刀轴（B 轴）功率 B axis power(Spindle)	kw	11
轴向进给速度（Z 轴） Axial feeding speed range (Z- axis)	mm/min	0-1500
径向进给速度（X 轴） Radial feeding speed range (X-axis)	mm/min	0-1500
切向运动最大速度 Maximum tangential motion speed	mm/min	2000
工作台最大转速范围（C 轴） Maximum speed range of worktable（C axis）	rpm	30
机床体积（长 X 宽 X 高）Machine volume (L x W x H)	m	4.26x2.05x2.56
机床净重 Net weight of machine	kg	12000

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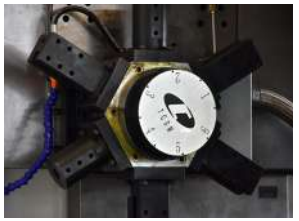
VTC 系列单柱式数控立车

SINGLE COLUMN CNC VERTICAL LATHE VTC SERIES



▶ 主要特点 MAIN FEATURES

VTC 单柱数控立式车床属于大型机械设备用于加工径向尺寸大而轴向尺寸相对较小，外形复杂的大型和重型工件。如各种盘，轮和套类工件的圆柱面，端面，圆锥面，圆柱孔，圆锥孔等。亦可借助附加安装停止车螺纹，车球面，仿形，铣削和磨削等加工。立式数控车床可以较长期的坚持工作精度。

VTC single-column CNC vertical lathe is a large mechanical equipment used to process large and heavy workpieces with large radial dimensions and relatively small axial dimensions and complex shapes. Such as the cylindrical surface, end surface, conical surface, cylindrical hole, conical hole, etc. of various discs, wheels and sleeves. Threading, spherical turning, profiling, milling and grinding can also be stopped with the aid of additional installations. Vertical CNC lathes can maintain working accuracy for a long time.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	VTC50	VTC60	VTC70	VTC80A	VTC100A
X 轴行程 X-axis travel	mm	-50~300	-50~625	-50~650	-50~625	-50~820
Z 轴行程 Z-axis travel	mm	120-620	65~715	130~830	50-950	60~1110
最大回转直径 Max. swing diameter over	mm	ϕ650	ϕ650	ϕ800	ϕ1000	ϕ1200
最大车削直径 Maximum turning diameter	mm	ϕ500	ϕ500	ϕ700	ϕ800	ϕ1000
最大车削高度 Maximum turning height	mm	500	600	700	900	1000
主轴转速 Speed of mainshaft	rpm	100-1000	100-1000	100-800	100-800	100-800
主轴电机功率 Spindle motor power	kw	15	18.5	22	22	37
主轴外径 Spindle outer diameter	mm	ϕ130	ϕ160	ϕ160	ϕ180	ϕ200
卡盘型号 Chuck type	——	液压卡盘 Hydraulic chuck				
卡盘直径 Diameter of chuck	——	15"	18"	21"	24"	32"
刀塔类型 Turet/toolpost	——	四工位 / 八工位 Four stations/eight stations				
X 轴滚动直径导轨 X axis rolling diameter guide rail	——	2 根，宽 45mm 2 pieces, 45mm wide				2 根，宽 55mm 2 pieces, 55mm wide
Z 轴滚动直径导轨 Z axis rolling diameter guide rail	——	2 根，宽 45mm 2 pieces, 55mm wide				
CNC 系统标准配置 CNC system standard configuration	——	GSK				
冷却马达 Cooling motor	w	450+450	450+450	450+750	450+750	750+750
泵浦出水量 Pump water output	m^3/h	2	2	4	4	4
自动排屑机 Automatic chip cleaner		√	√	√	√	√
电柜制冷空调 Electric cabinet refrigeration air conditioning		√	√	√	√	√
重复定位精度 Repeated positioning accuracy	mm	±0.005			± 0.008	
定位精度 Positional accuracy	mm	±0.01				
最小定位单位 Minimum positioning unit	mm	0.001				
外形尺寸 Overall size	mm	2100*2500*2750	1710*2050*2910	2400*1800*3200	2400*2100*3600	2800*2400*3870
毛重 Gross weight	kg	5500	7500	8000	9000	11000

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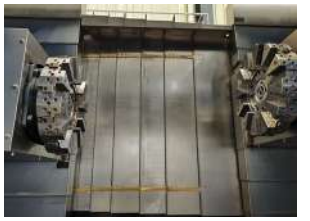
CK525 CK527 系列双柱式数控立车

DOUBLE COLUMN CNC VERTICAL LATHE CKSERIES



▶ 主要特点 MAIN FEATURES

CK 系列双柱数控立车采用滚柱型线性滑轨，主轴带轮和主轴数控伺服电机带轮通过皮带链接，配置 18.5KW 电机，无级变速，且变速范围广。垂直以及水平方向进给均由伺服电机控制自动进给，垂直方向安装负载平衡机构。机床刀架可以采用卧式多工位数控刀架或排刀。主轴上端可根据客户要求配置圆盘式工作台或者液压卡盘。主轴下端配置回转油缸，用于压紧加工工件，或用于控制液压卡盘。

CK series double-column CNC vertical lathe adopts roller type linear slideway, the main shaft pulley and the main shaft CNC servo motor pulley are linked by belt, equipped with 18.5KW motor, stepless speed change, and wide speed change range. Both vertical and horizontal feeds are automatically controlled by servo motors, and a load balancing mechanism is installed in the vertical direction. The tool holder of the machine tool can be a horizontal multi-station CNC tool holder or a row tool. The upper end of the spindle can be equipped with a disc table or a hydraulic chuck according to customer requirements. The lower end of the spindle is equipped with a rotary oil cylinder, which is used to press the workpiece or control the hydraulic chuck.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK525	CK527
X 轴行程 X-axis travel	mm	280	450
Z 轴行程 Z-axis travel	mm	500	600
最大回转直径 Max. swing diameter over	mm	ϕ750	ϕ700
最大车削直径 Maximum turning diameter	mm	ϕ550	ϕ700
最大车削高度 Maximum turning height	mm	500	600
主轴转速 Speed of mainshaft	rpm	100-1000	100-1000
主轴电机功率 Spindle motor power	kw	18.5	22
主轴外径 Spindle outer diameter	mm	ϕ140	ϕ160
卡盘型号 Chuck type	——	液压卡盘 Hydraulic chuck	
卡盘直径 Diameter of chuck	——	15"	18"
刀塔类型 Turet/toolpost	——	八工位 + 排刀 8 stations + knife row	
X 轴滚动直径导轨 X axis rolling diameter guide rail	——	4 根，宽 45mm 4 pieces, 45mm wide	
Z 轴滚动直径导轨 Z axis rolling diameter guide rail	——	4 根，宽 45mm 4 pieces, 55mm wide	
CNC 系统标准配置 CNC system standard configuration	——	凯恩帝 KND	
冷却马达 Cooling motor	w		
泵浦出水量 Pump water output	m^3/h	√	√
自动排屑机 Automatic chip cleaner		√	√
电柜制冷空调 Electric cabinet refrigeration air conditioning		450+750	450+750
定位精度 Positional accuracy	mm	±0.008	
重复定位精度 Repeated positioning accuracy	mm	±0.005	
最小定位单位 Minimum positioning unit	mm	±0.01	
外形尺寸 Overall size	mm	2900*2400*2800	2400*2050*2910
毛重 Gross weight	kg	7000	9000

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VS·A 系列·立式车铣复合

VS-A SERIES VERTICAL TURNING AND MILLING MACHINE

▶ 主要特点 MAIN FEATURES

VTC 单柱数控立式车床属于大型机械设备用于加工径向尺寸大而轴向尺寸相对较小，外形复杂的大型和重型工件。如各种盘，轮和套类工件的圆柱面，端面，圆锥面，圆柱孔，圆锥孔等。亦可借助附加安装停止车螺纹，车球面，仿形，铣削和磨削等加工。立式数控车床可以较长期的坚持工作精度。

VTC single-column CNC vertical lathe is a large mechanical equipment used to process large and heavy workpieces with large radial dimensions and relatively small axial dimensions and complex shapes. Such as the cylindrical surface, end surface, conical surface, cylindrical hole, conical hole, etc. of various discs, wheels and sleeves. Threading, spherical turning, profiling, milling and grinding can also be stopped with the aid of additional installations. Vertical CNC lathes can maintain working accuracy for a long time.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	
X1 轴行程 X1-axis travel	mm	650
X2 轴行程 X2-axis travel	mm	500
Z1 轴行程 Z1-axis travel	mm	700
Z2 轴行程 Z2-axis travel	mm	700
最大回转直径 Maximum Swing Diameter	mm	800
最大车削直径 Max. turning diameter	mm	700
最大车削高度 Max. turning height	mm	700
主轴转速 Spindle speed	rpm	50-1000
前轴承直径 Front bearing diameter	mm	ϕ160
主轴轴向跳动 Spindle axial runout	mm	0.003
主轴径向跳动 Spindle radial runout	mm	0.003
主轴输出额定扭矩 Rated torque of spindle output	N.M	700
钻铣主轴转速 Drilling and milling spindle speed	rpm	8000
钻铣主轴规格 Drilling and milling spindle specifications	BT	40-150
主轴电机功率 Spindle motor power	KW	22
钻铣主轴功率 Drilling and milling spindle power	KW	7.5
卡盘形式 Chuck type	——	三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck
卡盘直径 Chuck Diameter	inch	18in
刀塔工位刀塔工位 Turret station	——	十二工位 12 stations
圆盘式刀库 Disc type tool magazine	——	BT40-24T
X 轴导轨 X-axis guides	mm	55
Z 轴导轨 Z-axis guides	mm	45
X 轴丝杠 X-axis screw	mm	ϕ40
Z 轴丝杠 Z-axis screw	mm	ϕ40
定位精度 position accuracy	mm	± 0.008
重复定位精度 Repeat Positioning Accuracy	mm	± 0.004
最小移动单位 Minimum movement unit	mm	0.001
主轴分度定位精度 Spindle indexing positioning accuracy	°	0.1°
主轴分度重复定位精度 Spindle indexing repeatability accuracy	°	0.05°
主轴最小分度单位 Minimum spindle indexing unit	°	0.01°
外形尺寸 External Dimensions	mm	3000×2400×2950
机床重量 Machine weight	kg	12000

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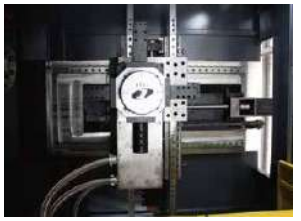
VS·B 系列·立式车铣复合

VS-B SERIES VERTICAL TURNING AND MILLING MACHINE



▶ 主要特点 MAIN FEATURES

CK 系列双柱数控立车采用滚柱型线性滑轨，主轴带轮和主轴数控伺服电机带轮通过皮带链接，配置 18.5KW 电机，无级变速，且变速范围广。垂直以及水平方向进给均由伺服电机控制自动进给，垂直方向安装负载平衡机构。机床刀架可以采用卧式多工位数控刀架或排刀。主轴上端可根据客户要求配置圆盘式工作台或者液压卡盘。主轴下端配置回转油缸，用于压紧加工工件，或用于控制液压卡盘。

CK series double-column CNC vertical lathe adopts roller type linear slideway, the main shaft pulley and the main shaft CNC servo motor pulley are linked by belt, equipped with 18.5KW motor, stepless speed change, and wide speed change range. Both vertical and horizontal feeds are automatically controlled by servo motors, and a load balancing mechanism is installed in the vertical direction. The tool holder of the machine tool can be a horizontal multi-station CNC tool holder or a row tool. The upper end of the spindle can be equipped with a disc table or a hydraulic chuck according to customer requirements. The lower end of the spindle is equipped with a rotary oil cylinder, which is used to press the workpiece or control the hydraulic chuck.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	VS800B
X 轴行程 X-axis travel	mm	450
Z 轴行程 Z-axis travel	mm	650
Y 轴行程 Y-axis travel	mm	250
最大回转直径 Maximum swing diameter	mm	800
最大车削直径 Max. turning diameter	mm	700
最大车削高度 Max. turning height	mm	650
主轴转速 Spindle speed	rpm	50-1000
前轴承直径 Front bearing diameter	mm	ϕ160
主轴轴向跳动 Spindle axial runout	mm	0.003
主轴径向跳动 Spindle radial runout	mm	0.003
主轴输出额定扭矩 Rated torque of spindle output	N.M	700
主电机功率 Main motor power	Kw	22
钻铣主轴转速 Drilling and milling spindle speed	rpm	6000
钻铣主轴功率 Drilling and milling spindle power	Kw	7.5
刀柄形式 Shank type		BT40
卡盘形式 Chuck type		三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck
卡盘直径 Chuck diameter	mm	ϕ500
刀塔工位刀塔工位 Turret station		十二工位 12 stations
X 向导轨 X-axis guides	mm	45
Z 向导轨 Z-axis guides	mm	45
Y 向导轨 Y-axis guides	mm	35
X 向丝杠 X-axis screw	mm	ϕ40
Z 向丝杠 Z-axis screw	mm	ϕ40
Y 向丝杠 Y-axis screw	mm	ϕ32
冷却马达功率 Cooling motor power	Kw	0.45
液压马达功率 Hydraulic motor power	Kw	1.5
定位精度 position accuracy	mm	± 0.005
重复定位精度 Repeat positioning accuracy	mm	± 0.003
最小移动单位 Minimum movement unit	mm	0.001
外形尺寸 External dimensions	mm	2700*2160*3000
机床重量 Machine weight	kg	9000

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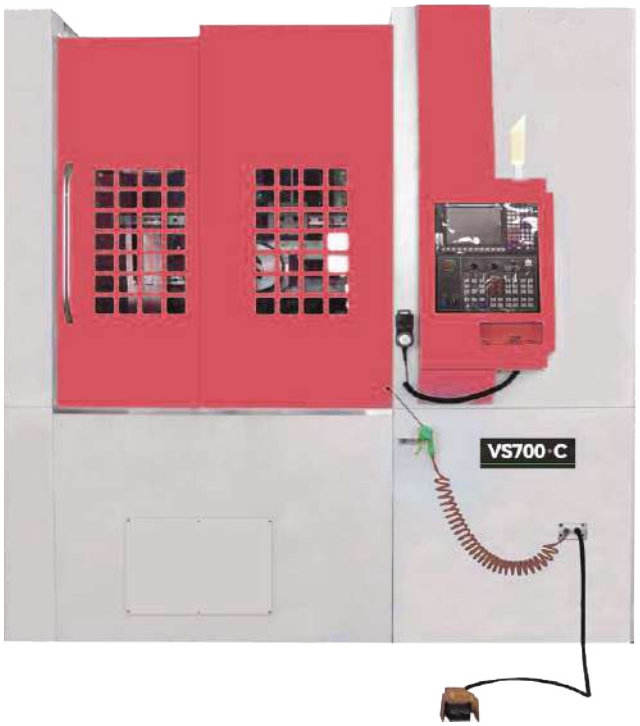
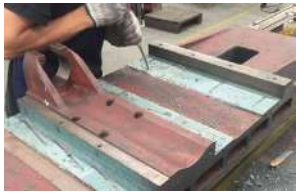
VS·C 系列·立式车铣复合

VS-C SERIES VERTICAL TURNING AND MILLING MACHINE





▶ 主要特点 MAIN FEATURES

VTC 单柱数控立式车床属于大型机械设备用于加工径向尺寸大而轴向尺寸相对较小，外形复杂的大型和重型工件。如各种盘，轮和套类工件的圆柱面，端面，圆锥面，圆柱孔，圆锥孔等。亦可借助附加安装停止车螺纹，车球面，仿形，铣削和磨削等加工。立式数控车床可以较长期的坚持工作精度。

VTC single-column CNC vertical lathe is a large mechanical equipment used to process large and heavy workpieces with large radial dimensions and relatively small axial dimensions and complex shapes. Such as the cylindrical surface, end surface, conical surface, cylindrical hole, conical hole, etc. of various discs, wheels and sleeves. Threading, spherical turning, profiling, milling and grinding can also be stopped with the aid of additional installations. Vertical CNC lathes can maintain working accuracy for a long time.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	VS600·C	VS700·C	VS800·C	VS1000·C	VS1250·C	VS1600·C
X 轴行程 X-axis travel	mm	450	500	600	650	700	1000
Z 轴行程 Z-axis travel	mm	600	650	800	850	850	1200
最大回转直径 Maximum Swing Diameter	mm	700	800	950	1100	1250	1700
最大车削直径 Max. turning diameter	mm	600	700	900	1000	1100	1600
最大车削高度 Max. turning height	mm	600	650	800	800	800	1200
主轴转速 Spindle speed	rpm	50-1000	50-1000	50-1000	50-800	30-600	30-500
前轴承直径 Front bearing diameter	mm	ϕ130	ϕ160	ϕ200	ϕ200	ϕ200	ϕ260
主轴轴向跳动 Spindle axial runout	——	0.003	0.003	0.003	0.003	0.003	0.003
主轴径向跳动 Spindle radial runout	——	0.003	0.003	0.003	0.003	0.003	0.003
主轴输出额定扭矩 Rated torque of spindle output	N.M	590	700	950	950/2800(变速箱 transmission		950/3600(变速箱 transmission)
主电机功率 Main motor power	Kw	18.5	22	30	30/22	30/22	45/30
卡盘形式 Chuck type	——	三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck			四爪手动卡盘 Four-jaw manual chuck		
卡盘直径 Chuck Diameter	mm	ϕ400	ϕ500	ϕ630	ϕ630	ϕ800	ϕ1000
刀塔工位 Turret station	——	十二工位 12 stations					
车刀座 Turning Tool Block	——	□ 32/ϕ50	□ 32/ϕ50	□ 32/ϕ50	□ 32/ϕ50	□ 32/ϕ50	□ 32/ϕ50
动力刀柄 Power tool shank	——	BMT55	BMT65	BMT65	BMT65	BMT65	BMT75
X 轴导轨 X-axis guides	mm	45	45	55	55	55	55
Z 轴导轨 z-axis guides	mm	45	45	55	55	55	55
X 轴丝杠 X-axis screw	mm	ϕ40	ϕ40	ϕ50	ϕ50	ϕ50	ϕ50
Z 轴丝杠 z-axis screw	mm	ϕ40	ϕ40	ϕ50	ϕ50	ϕ50	ϕ50
冷却马达功率 Cooling motor power	Kw	0.45	0.45	0.75	0.75	0.75	0.75
液压马达功率 Hydraulic motor power	Kw	1.5	1.5	1.5	1.5	1.5	1.5
定位精度 position accuracy	mm	±0.005	±0.005	±0.008	±0.008	±0.008	±0.008
重复定位精度 Repeat Positioning Accuracy	mm	±0.003	±0.003	±0.004	±0.005	±0.005	±0.005
最小移动单位 Minimum movement unit	mm	0.001	0.001	0.001	0.001	0.001	0.001
外形尺寸 External Dimensions	mm	1950*1860*2800	2150*1955*2950	2350*2200*3200	2500*2450*3200	2650*2600*3400	3000*2800*3900
机床重量 Machine weight	kg	6500	7500	10000	11500	12000	15000

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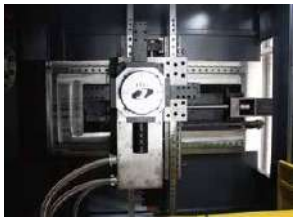
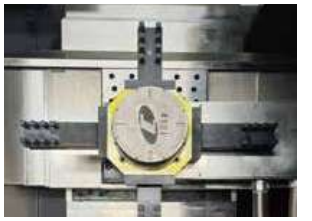
VS·F 系列·方滑枕式数控立车

VS-F SERIES SQUARE RAM CNC VERTICAL LATHE





▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	VS1000F	VS1250F	VS1600F
X 轴行程 X-axis travel	mm	700	700	1450
Z 轴行程 Z-axis travel	mm	850	850	1000
Z 轴行程 Z-axis trave	mm	800	800	800
最大回转直径 Max. swing diameter	mm	1100	1250	1600
最大车削直径 Max. turning diameter	mm	1000	1100	1250
最大车削高度 Max. turning height	mm	850	850	1200
主轴转速 Spindle speed	rpm	50-600	50-500	10-500
前轴承直径 Front bearing diameter	mm	ϕ200	ϕ200	ϕ260
主轴轴向跳动 Spindle axial runout	mm	0.003	0.003	0.005
主轴径向跳动 Spindle radial runout	mm	0.003	0.003	0.005
主轴输出额定扭矩 Rated torque of spindle output	N.M	950/2800(变速箱 transmission)		4500(变速箱 transmission)
主电机功率 Main motor power	Kw	30	30	37
卡盘形式 Chuck type		三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck	四爪手动卡盘 Four-jaw manual chuck	
卡盘直径 Chuck diameter	inch	24in	32in	ϕ1000
刀塔工位 Turret station		十二工位 12 stations		12T 刀库 12T tool magazine
X 向导轨 X-axis guides	mm	55	55	65
Z 向导轨 z-axis guides	mm	55	55	200*80
方枕尺寸 Square pillow size	mm	180*180	180*180	250*250
X 向丝杠 X-axis screw	mm	ϕ40	ϕ40	ϕ50
Y 向丝杠 Y-axis screw	mm	ϕ50	ϕ50	ϕ50
Z 向丝杠 Z-axis screw	mm	ϕ40	ϕ40	ϕ50
冷却马达功率 Cooling motor power	Kw	0.75	0.75	0.75
液压马达功率 Hydraulic motor power	Kw	1.5	1.5	1.5
定位精度 Position accuracy	mm	± 0.01	± 0.01	±0.01
重复定位精度 Repeat positioning accuracy	mm	±0.006	±0.006	±0.006
最小移动单位 Minimum movement unit	mm	0.001	0.001	0.001

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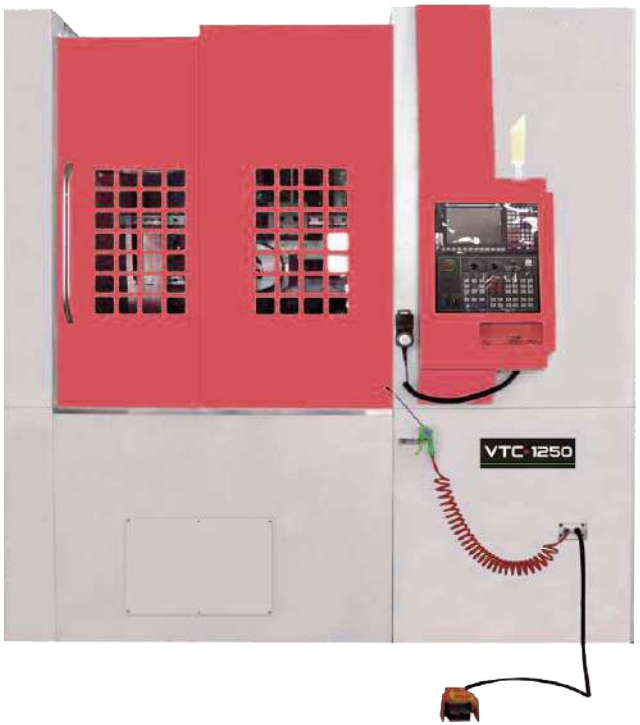
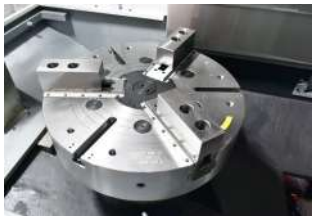
VTC 系列·数控立车

VTC SERIES VERTICAL TURNING AND MILLING MACHINE





▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	VTC60	VTC70	VTC80	VTC1000	VTC1250
X 轴行程 X-axis travel	mm	450	500	600	700	700
Z 轴行程 Z-axis travel	mm	600	650	800	850	850
最大回转直径 Maximum Swing Diameter	mm	700	800	950	1100	1250
最大车削直径 Max. turning diameter	mm	600	700	900	1000	1100
最大车削高度 Max. turning height	mm	600	650	800	800	800
主轴转速 Spindle speed	rpm	50-1000	50-1000	50-1000	50-600	50-500
前轴承直径 Front bearing diameter	mm	ϕ130	ϕ160	ϕ200	ϕ200	ϕ200
主轴轴向跳动 Spindle axial runout	——	0.003	0.003	0.003	0.003	0.003
主轴径向跳动 Spindle radial runout	mm	0.003	0.003	0.003	0.003	0.003
主轴输出额定扭矩 Rated torque of spindle output	N.m	590	700	950	950/2800(变速箱 transmission	
主电机功率 Main motor power	Kw	18.5	22	30	30/22	30/22
卡盘形式 Chuck type	——	三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck			四爪手动卡盘 Four-jaw manual chuck	
卡盘直径 Chuck Diameter	mm	ϕ400	ϕ500	ϕ630	ϕ630	ϕ800
刀塔工位 Turret station	——	十二工位 12 stations	四工位 4 stations	四工位 / 十二工位 4 stations / 12 stations		
X 轴导轨 X-axis guides	——	45	45	55	55	55
Z 轴导轨 z-axis guides	——	45	45	55	55	55
X 轴丝杠 X-axis screw	——	ϕ40	ϕ40	ϕ50	ϕ50	ϕ50
Z 轴丝杠 z-axis screw	——	ϕ40	ϕ40	ϕ50	ϕ50	ϕ50
冷却马达功率 Cooling motor power	Kw	0.45	0.45	0.75	0.75	0.75
液压马达功率 Hydraulic motor power	Kw	1.5	1.5	1.5	1.5	1.5
定位精度 position accuracy	mm	±0.005	±0.005	±0.008	±0.008	±0.008
重复定位精度 Repeat Positioning Accuracy	mm	±0.003	±0.003	±0.004	±0.005	±0.005
最小移动单位 Minimum movement unit	mm	0.001	0.001	0.001	0.001	0.001
外形尺寸 External Dimensions	mm	1950*1860*2800	2150*1955*2950	2350*2200*3200	2500*2450*3200	2650*2600*3400
机床重量 Machine weight	kg	6500	7500	10000	11500	12000

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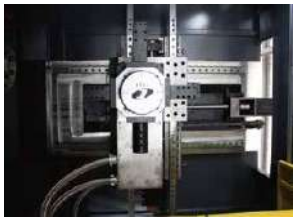
CK 尾座式数控立车

CK SERIES-HARD RAIL CNC VERTICAL TURNING LATHE



▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK700
X 轴行程 X-axis travel	mm	500
Z 轴行程 Z-axis travel	mm	650
最大回转直径 Maximum Swing Diameter	mm	800
最大车削直径 Max. turning diameter	mm	700
最大车削高度 Max. turning height	mm	650
主轴转速 Spindle speed	rpm	50-1000
前轴承直径 Front bearing diameter	mm	ϕ160
主轴轴向跳动 Spindle axial runout	mm	0.003
主轴径向跳动 Spindle radial runout	mm	0.003
卡盘形式 Chuck type		三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck
卡盘直径 Chuck Diameter	mm	ϕ500
刀塔工位 Turret station		四工位 / 十二工位 4/12 stations
X 向导轨 X-axis guides	mm	70*40
Z 向导轨 z-axis guides	mm	100*45
X 向丝杠 X-axis screw	mm	ϕ40
Z 向丝杠 z-axis screw	mm	ϕ40
主电机功率 Main motor power	Kw	22
主轴输出额定扭矩 Rated torque of spindle output	N.M	700
液压马达功率 Hydraulic motor power	Kw	1.5
定位精度 position accuracy	mm	± 0.008
重复定位精度 Repeat Positioning Accuracy	mm	± 0.005
最小移动单位 Minimum movement unit	mm	0.001
外形尺寸 External Dimensions	mm	2150X1955X2950
机床重量 Machine weight	kg	7500

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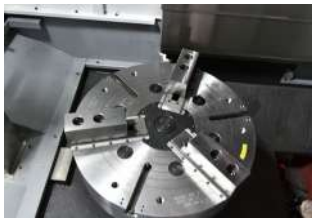
VTC·W 尾座式数控立车

VTC-W TAILSTOCK TYPE CNC VERTICAL LATHE



▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	600W
X 轴行程 X-axis travel	mm	450
Z 轴行程 Z-axis travel	mm	600
最大回转直径 Maximum Swing Diameter	mm	700
最大车削直径 Max. turning diameter	mm	600
最大车削高度 Max. turning height	mm	600
主轴转速 Spindle speed	rpm	50-1000
前轴承直径 Front bearing diameter	mm	ϕ160
主轴轴向跳动 Spindle axial runout	mm	0.003
主轴径向跳动 Spindle radial runout	mm	0.003
卡盘形式 Chuck type	——	三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck
卡盘直径 Chuck Diameter	mm	15in
刀塔工位 Turret station	——	十二工位 12 stations
X 轴导轨 X-axis guides	mm	45
Z 轴导轨 z-axis guides	mm	45
X 轴丝杠 X-axis screw	mm	ϕ40
Z 轴丝杠 z-axis screw	mm	ϕ40
主电机功率 Main motor power	Kw	18.5
主轴输出额定扭矩 Rated torque of spindle output	N.M	590
液压马达功率 Hydraulic motor power	Kw	0.45
定位精度 position accuracy	mm	± 0.006
重复定位精度 Repeat Positioning Accuracy	mm	± 0.003
最小移动单位 Minimum movement unit	mm	0.001
外形尺寸 External Dimensions	mm	2200X1860X2800
机床重量 Machine weight	kg	7500

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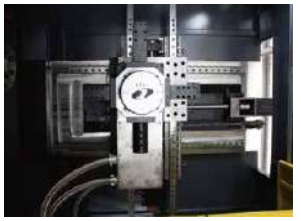
KV 系列·高速数控立车

KV SERIES-HIGH SPEED CNC VERTICAL TURNING LATHE



▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	KV40	KV60	KV80
X 轴行程 X-axis travel	mm	350	450	600
Z 轴行程 Z-axis travel	mm	450	600	700
最大回转直径 Maximum Swing Diameter	mm	500	700	900
最大车削直径 Max. turning diameter	mm	400	600	800
最大车削高度 Max. turning height	mm	450	600	700
主轴转速 Spindle speed	rpm	50-1500	50-1000	50-800
前轴承直径 Front bearing diameter	mm	ϕ130	中 160	中 200
主轴轴向跳动 Spindle axial runout	mm	0.003	0.003	0.005
主轴径向跳动 Spindle radial runout	mm	0.003	0.003	0.005
主轴输出额定扭矩 Rated torque of spindle output		236	590	950
主电机功率 Main motor power	mm	18.5	22	30
卡盘形式 Chuck type		三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck		
卡盘直径 Chuck Diameter	mm	12in	15in	ϕ630
刀塔工位 Turret station	mm	十二工位 12 stations		四 / 十二工位 4/12 stations
X 向导轨 X-axis guides	mm	35	45	45
Z 向导轨 z-axis guides	mm	45	45	55
X 向丝杠 X-axis screw	Kw	ϕ40	ϕ40	ϕ40
Z 向丝杠 z-axis screw	N.M	ϕ40	ϕ40	ϕ50
冷却马达功率 Cooling motor power	Kw	0.45	0.45	0.75
液压马达功率 Hydraulic motor power	mm	1.5	1.5	1.5
定位精度 position accuracy	mm	± 0.005	± 0 . 005	± 0.008
重复定位精度 Repeat Positioning Accuracy	mm	±0.003	± 0.003	± 0.004
最小移动单位 Minimum movement unit	mm	0.001	0.001	0.001

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TXK68 TXK611 TXK611W 数控镗床

CNC BORING MACHINE

▶ 主要特点 MAIN FEATURES

本系列机床适用于镗削汽车、拖拉机等内燃机汽缸孔和缸套内孔，也可用于其它机械的修理加工，也可用于其它机械零件，内孔的精密镗削加工。主要用于中、大及重型发动机的维修。

Mainly for boring cylinder hole & cylinder liner inner hole ofofinternal-combustion engine of vehicles & tractors.also used for fine boring inner hole of other parts. mainly for medium/large/heavy engines.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TXK68	TXK611	TXK611W
主轴直径 Spindle diameter	mm	155	155	155
主轴锥度 Spindle taper	BT	BT50	BT50	BT50
主轴转速范围 Spindle speed range	rpm	3000(伺服 Servo drive)	1-3000(伺服 Servo)	1000(伺服 Servo)
工作台工作尺寸 Table size	mm	900*800	1100*900	1100*900
工作台纵向行程 Table longitudinal travel(Z axis)	mm	1200	1200	1200
工作台横向行程 Table cross fravel(X axis)	mm	650	1000	1000
主轴箱行程 Spindle box travel(Y axis)	mm	700	900	900
主轴轴向行程 Spindle travel of spindle	mm	无 (可选配伸缩主轴 Optional telescopic spindle)		550
工作台进给速度 Table feed speed(steps)	mm/min	1-2500	1-2500	1-2500
主电机功率 Main motor power	kw	15	15	15
定位精度 Positioning accuracy	mm	±0.025	±0.025	±0.025
重复定位精度 Repeat positioning	mm	±0.015	±0.015	±0.015
机床重量 Machine Weight	kg	6000	9000	9000
外形尺寸 mm (LxWxH)Overall Dimensions	mm	4000*2200*2500	4000*3000*3000	4000*3000*3000

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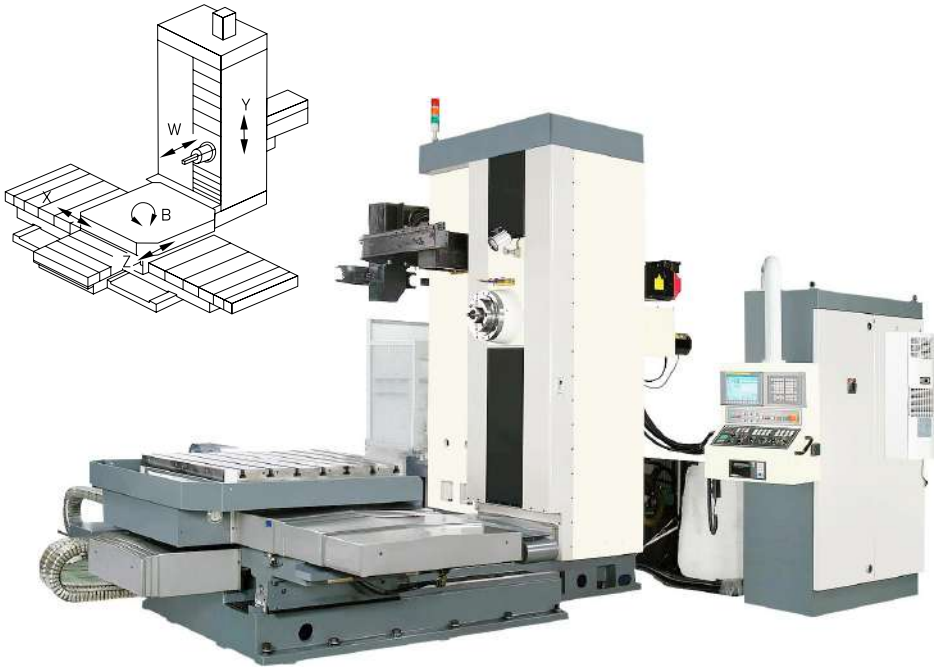
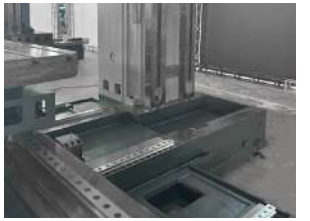
TK61 系列数控卧式镗铣床

TK61 SERIES CNC HORIZONTAL BORING AND MILLING MACHINE





▶ 主要特点 MAIN FEATURES

- 台式布局整体床身 , 固定立柱 , 侧挂主轴箱结构
- 工作台导轨为十字型坐标结构
- 导轨可选复合导轨 / 重载滚柱直线导轨 , 复合导轨均为全面磨削
- 床身增加整体式辅助导轨 , 扩展机床横向行程的同时保证床身良好的刚性
- 床身立柱导轨全面磨削

- Table layout with integral bed, fixed columns and side-mounted spindle box structure
- The table guideway is a cross type coordinate structure.
- Composite guideways/heavy-duty roller linear guideways are available, and the composite guideways are fully ground.
- Integral auxiliary guideways are added to the bed to extend the lateral travel of the machine and ensure good rigidity of the bed.
- Fully ground bed column guideways.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	TK6111	TK6113
主轴直径 Spindle diameter		mm	ϕ110	ϕ130
主轴转速 Spindle speed		r/min	2~3000	2~3000
平旋盘直径 Diameter of flat rotating disk		mm	630	750
平旋盘滑块行程 (U) Flat disk slide travel (U)		mm	150	180
工作台面尺寸 Table Size		mm	1000×1250 1250×1400 1400×1400 1400×1600 1600×1800	1400×1600 1600×1800 1800×2000 2000×2000
工作台标配承重 Table standard load		Kg	3000~10000	5000~15000
工作台横向行程 (X)Table lateral travel (X)		mm	1600~2000	1800~2000
主轴箱垂直行程 (Y) Vertical travel of spindle box (Y)		mm	1200~1800	1200~2000
工作台纵向行程 (Z) Table longitudinal travel (Z)		mm	1200~1400	1200~1400
主轴行程 (W)Spindle travel (W)		mm	600	800
工作台回转 B 轴 Table rotation B-axis		°	360	
工作台 T 型槽宽度 Table T-slot width		mm	22	
主轴中心至工作台面距离 Distance from spindle center to table surface		mm	1500	
X、Y、Z 进给范围 X, Y, Z feed range		mm/min	0.04-2000 无级调速 stepless speed control	
X、Y、Z 快速移动速度 X, Y, Z rapid traverse speed		mm/min	10000	
机床定位精度 Machine positioning accuracy	工作台横向移动 Table transverse movement	mm/m	0.003	
	工作台纵向移动 Table longitudinal movement	mm/m	0.003	
	主轴箱上下移动 Spindle box up and down movement	mm/m	0.003	
	镗孔精度 Boring accuracy	mm/m	0.02	
	回转工作台回转 Rotary table rotation		8"	
X、Y、Z、W 重复定位精度 X, Y, Z, W Repeat Positioning Accuracy		mm/m	0.0025	
B 重复定位精度 B Repeat positioning accuracy			6″	
电气总功率 Total electric power			50KVA	

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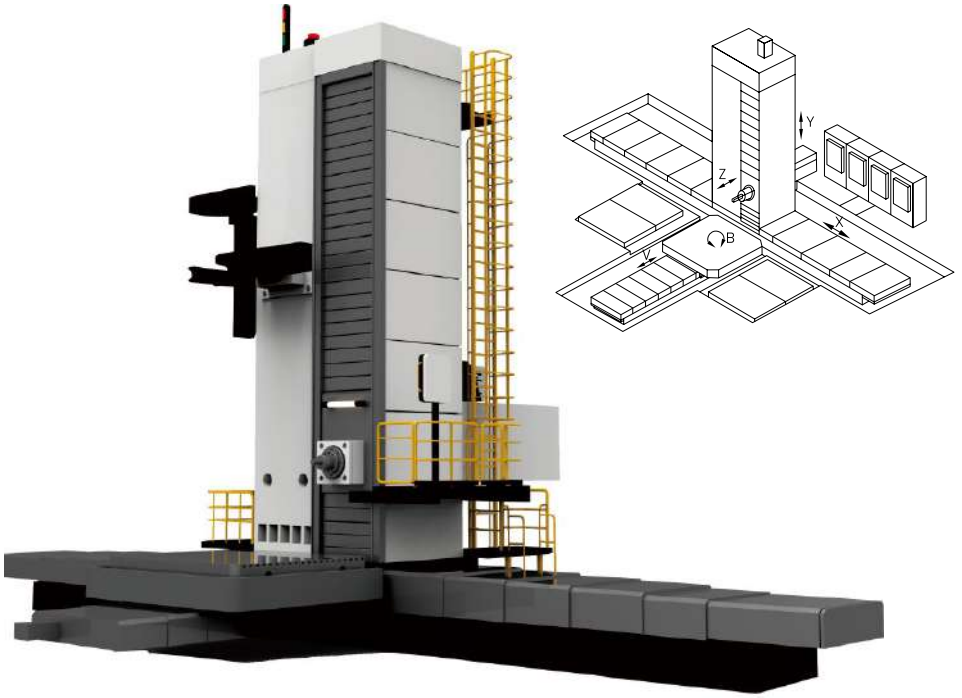
TK62 系列数控落地镗铣床

TK62 SERIES CNC FLOOR BORING AND MILLING MACHINE



▶ 主要特点 MAIN FEATURES

- 静压导轨
- 高刚性床身多重支承
- 全封闭主轴箱
- 进口钢丝绳配重平衡先进独有的平衡方式
- 立柱双层加强筋设计
- 床身立柱导轨全面磨削
- 立柱导轨带有卸荷装置
- 自带多种补偿方式

- Hydrostatic guideways
- Highly rigid bed with multiple supports
- Fully enclosed spindle box
- Imported steel wire rope counterweight balancing advanced and unique balancing method.
- Column double-layer reinforcement design
- Fully ground column guideways.
- Column guideway with unloading device.
- Self-compensated with a variety of compensation methods

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TK6213	TK6216
镗轴直径 Boring Shaft Diameter	mm	130	160
铣轴直径	mm	221.44	260
主轴锥孔		ISO50	ISO50
主轴转速	mm	2~2000	2~2000
镗轴最大扭矩	N.m	2200	3500
最大轴向抗力	N	30000	40000
主电机功率	Kw	30	75
平旋盘尺寸	mm	630	750
平旋盘转速	mm	3~122	3-100
立柱行程 (X)	m	4+n	4+n
主轴箱垂直行程 (Y) Vertical travel of spindle box (Y)	m	2~4	3~6
主轴轴向行程 (Z)	mm	1000	1000
平旋盘滑块行程 (U) Flat disk slide travel (U)	mm	140	200
立柱移动速度（X)	mm/min	0.5~10000	0.5~8000
主轴箱垂直移动速度（Y）	mm/min	0.5~10000	0.5~8000
主轴移动速度（Z）	mm/min	0.5~6000	0.5~6000
X/Y 定位精度	mm	±0.02	±0.02
Z 定位精度	mm	±0.02	±0.02
X/Y 重复定位精度	mm	0.015	0.015
Z 重复定位精度	mm	0.018	0.018

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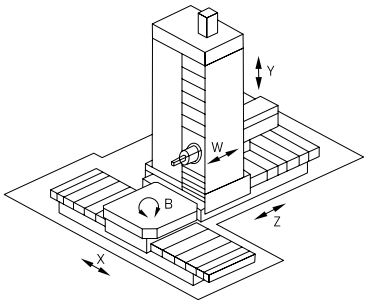
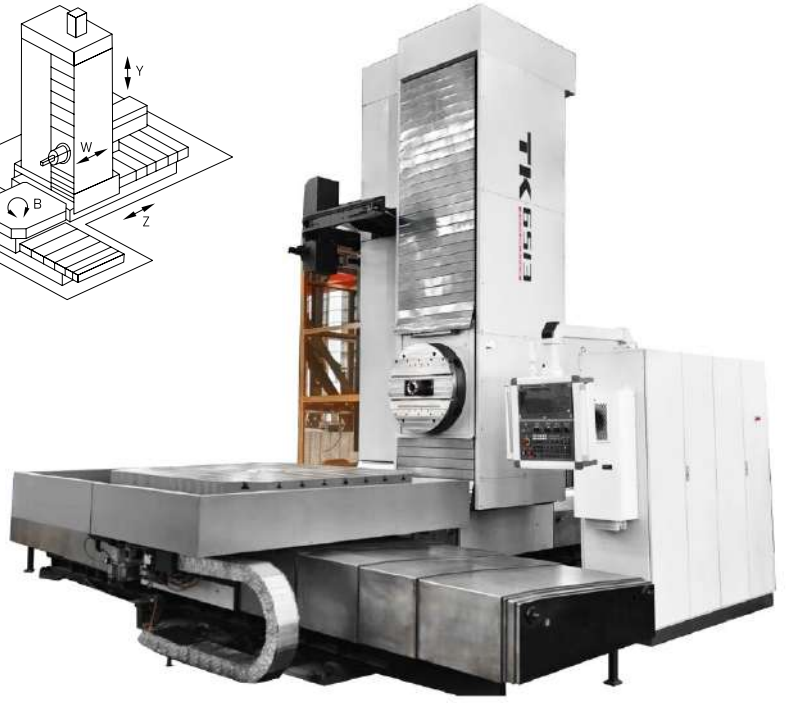
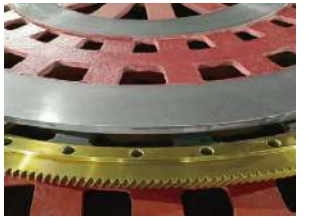
TK65 系列数控刨台镗铣床

TK65 SERIES CNC PLANER TABLE BORING AND MILLING MACHINE







▶ 主要特点 MAIN FEATURES

- 进口钢丝绳配重平衡
- 立柱双层加强筋设计
- 复合导轨均为全面磨削
- 回转工作台为大回转支承
- 回转齿圈为磨制大直径齿圈
- 回转刹车为液压抱刹
- 回转传动为带有消隙机构的双齿轮驱动齿圈（单 / 双电机双齿轮消隙机构）

- Imported wire rope counterweight balance
- Double-layer reinforcement design for column
- Composite guides are fully ground.
- Slewing table with large slewing bearing.
- Slewing gear ring is ground large diameter gear ring.
- Slewing brakes are hydraulic
- Slewing drive is a double gear ring with backlash mechanism (single/double motor and double gear backlash mechanism).

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	TK6511	TK6513	TK6516
镗轴直径 Boring Shaft Diameter		Mm	ϕ110	ϕ130	ϕ160
铣轴端部直径 Diameter of milling shaft end			——	ϕ221.44	ϕ250
镗轴锥孔 Boring Shaft Tapered Bore			BT50 7:24	ISO 50(BT50 7:24)	BT50 7:24
拉钉型号 Spigot Model			MAS 403 P50T-1	D50 DIN69872	D50 DIN69872
主电机功率 Main Motor Power		Kw	17/22.5	30	37
镗轴转速 Boring shaft speed		r/min	5-1500	2-1500	2-2000
最大输出扭矩 Maximum Output Torque		N·m	1300/1600	2674	4000
镗轴最大进给抗力 Maximum Feed Resistance of Boring Axis		N	16000	23000	45000
工作台面尺寸 Table Size		Mm	1000×1250 1250×1400 1400×1600 1600×1800	1400×1600 1600×1800 1800×2000 2000×2000 2000×2500	1800×2000 2000×2000 2000×2500 2500×2500
工作台标配承重 Table standard load		Kg	3000/5000/10000	5000/10000/20000	10000/15000/20000/40000
工作台横向移动 X 轴 Table lateral movement X-axis		mm	1500~2000	2000~4000	3000
主轴箱垂直 Y 轴 Spindle box vertical Y-axis		mm	1800	2000/2500/3000	3000~4000
立柱纵向移动 Z 轴 Column longitudinal movement Z-axis		mm	1200	1500	2000
镗轴轴向 W 轴 Boring axis axial W-axis		mm	600	800	800
工作台回转 B 轴 Table rotation B-axis		°	360	360	360 0.001°
工作台 T 型槽宽度 Table T-slot width		mm	22	28	28
主轴端面至工作台工中心最小距离 Minimum distance from spindle face to table work center		mm	100（主轴伸出）	——	——
主轴中心至工作台面距离 Distance from spindle center to table surface		mm	0-1800	0-2000/2500/3000	0-2500
切削进给速度 Cutting feed rate	X 轴 X-axis	mm/min	无级可调 infinitely Adjustable，0.5-6000mm/min	无级可调 infinitely Adjustable 6000mm/min	无级可调 infinitely Adjustable 6000mm/min
	Y 轴 Y-axis	mm/min			
	Z 轴 Z-axis	mm/min			
	W 轴 W-axis	mm/min	无级可调 infinitely Adjustable，0.5-3000mm/min	无级可调 infinitely Adjustable 3000mm/min	
	B 轴 B-axis		0~1r/min	360° /min	360° /min
快速移动速度 Rapid Movement Speed	X 轴 X-axis	mm/min	6000	8000	10000
	Y 轴 Y-axis	mm/min			
	Z 轴 Z-axis	mm/min			
	W 轴 W-axis	mm/min	4000	4000	4000
	B 轴 B-axis		2r/min	450° /min	450° /min
定位精度 Position accuracy 执行标准 (Implementation standards)JB/T4373-1999	X 轴 X-axis	mm	0.025	0.018/1000	0.015/1000
	Y 轴 Y-axis	mm	0.02		
	Z 轴 Z-axis	mm	0.02		
	W 轴 W-axis	mm	0.02	0.02	0.01/800
	B 轴任意角度 B-axis arbitrary angle	"	8	8	8
重复定位精度 Repeat Positioning Accuracy 执行标准 (Implementation standards)JB/T4373-1999	X 轴 X-axis	mm	0.018	0.015	0.008
	Y 轴 Y-axis	mm	0.016		
	Z 轴 Z-axis	mm	0.016		
	W 轴 W-axis	mm	0.016	0.015	0.008
	B 轴任意角度 B-axis arbitrary angle	"	6	6	6

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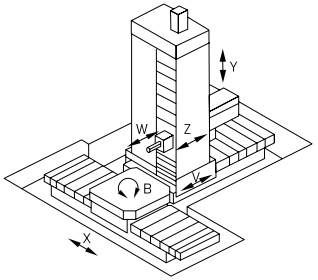
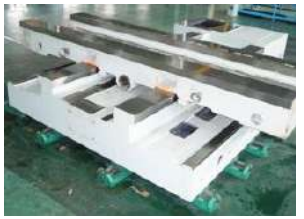
TK68 系列数控刨台卧式镗铣床（带方滑型）

TK68 CNC PLANER TABLE HORIZONTAL BORING AND MILLING MACHINE (WITH SQUARE SLIDE TYPE)





▶ 主要特点 MAIN FEATURES

- 高刚性床身，多重支承
- 全封闭主轴箱
- 方滑枕为四面全包形式，自带补偿机构
- 进口钢丝绳配重平衡，先进的多种平衡补偿方式
- 床身立柱导轨全面磨削
- 立柱双层加强筋设计
- 立柱导轨带有卸荷装置
- 主轴与方滑枕同步进给具有高速、低噪音、高扭特点

- Highly rigid bed with multiple supports.
- Fully enclosed spindle housing
- Square ram is fully wrapped on all four sides, with its own compensation mechanism.
- Imported steel wire rope counterweight balance, advanced balance compensation methods
- Full grinding of bed column guideways.
- Column double-layer reinforcement design
- Column guideway with unloading device.
- Synchronized feeding of the spindle and the square ram with high speed, low noise and high torsion.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TK6813	TK6816	TH6820
镗轴直径 Boring Shaft Diameter	mm	130	160	200
主轴转速 Spindle speed	r/min	2~3000	2~2000	2~2000
主轴电机功率 Spindle motor power	Kw	30	45	51
滑枕截面尺寸 Cross-sectional dimensions of ram	mm	420*460		480*520
工作台面尺寸 Table Size	mm	1600×1800 1800×2000 2000×2500 2500×3000	2000×2500 2500×3000 3000×3000 3000×3500	2000×2500 2500×3000 3000×3000 3000×3500
工作台标配承重 Table standard load	T	5/10/20/40	20/40/60	20/40/60
工作台横向行程 (X)Table lateral travel (X)	mm	2000~4000	2000~4500	2000~5000
主轴箱垂直行程 (Y) Vertical travel of spindle box (Y)	mm	1800~3000	2000~3000	2000~3000
立柱纵向行程 (Z) Column longitudinal travel (Z)	mm	1500~2000	1500~2000	1500~2500
主轴轴向行程 (W) Spindle axial travel (W)	mm	700	900	1200
滑枕行程 (Z)Ram travel (Z)	mm	800	900	1200

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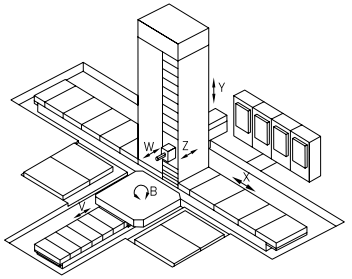
TK69 系列数控落地镗铣床

TK69 SERIES CNC FLOOR-TYPE BORING AND MILLING MACHINE



▶ 主要特点 MAIN FEATURES

- 方滑枕为四面全包形式
- 进口钢丝绳配重平衡先进独有的平衡方式
- 全封闭主轴箱
- 主轴与方滑枕同步进给具有高速 / 低噪音 / 高扭矩特点
- 高刚性床身多重支承
- 立柱双层加强筋设计
- 床身立柱导轨全面磨削
- 立柱导轨带有卸荷装置
- 自带多种补偿方式

- Square ram is fully wrapped on all four sides.
- Imported wire rope counterweight balancing advanced and unique b alancing method.
- Fully enclosed spindle box
- Synchronized spindle and ram feed with high speed/low noise/high torque.
- High rigidity bed with multiple supports
- Column double-layer reinforcement design
- Fully ground column guideways.
- Column guideways with unloading device.
- Multiple compensation methods

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	TK6913	TK6916	TK6920	TK6926
主轴直径 Spindle diameter	mm	Φ130	Φ160	Φ200	Φ260
主轴锥度 Spindle taper	ISO	BT50	BT50	BT60	BT60
主轴转速范围 Spindle speed range	rpm	2-2500	2-2000	2-2000	2-1500
铣轴端部直径 Diameter of milling shaft end	mm	Φ221.44	Φ260	Φ320	Φ400
滑枕截面尺寸 Cross-sectional dimensions of ram	mm	420×460	480×520 420×460	480×520	680×800
主电机功率 Main motor power	kw	30	58/45	75	110
立柱行程 (X)Column travel (X)	mm	4000+n×1000	6000+n×1000	6000+n×1000	8000+n×1000
主轴箱垂直行程 (Y) Vertical travel of spindle box (Y)	mm	2000-4000	3000-6000	3000-8000	4000-8000
主轴行程 (W)Spindle travel (W)	mm	700	1200/900	1200	1600
滑枕行程 (Z)Ram travel (Z)	kw	800	1200/900	1200	1600
主轴滑枕叠加行程 Spindle ram superimposed stroke	mm	1500	2400/1800	2400	3200
立柱移动速度 (X) Column travel speed (X)	mm/min	0.5~10000	0.5~8000	0.5~8000	0.5~6000
主轴箱垂直移动速度 (Y) Spindle box vertical travel speed (Y)	mm/min	0.5~10000	0.5~8000	0.5~8000	0.5~6000
主轴移动速度 (W) Spindle travel speed (W)	mm/min	0.5~6000	0.5~6000	0.5~6000	0.5~4500
滑枕移动速度 (Z)Ram travel speed (Z)	mm/min	0.5~6000	0.5~6000	0.5~6000	0.5~4500

工作台（滚滑复合结构）workbench (Rolling and sliding composite structure)		HT005	HT008	HT010	HT020
工作台尺寸 (宽 × 长) Table size (W×L)	mm	1400×1600 1600×1800 1800×2000	1400×1600 1600×1800 1800×2000	1600×1800 1800×2000 2000×2000	1800×2000 2000×2000 2000×2500
工作台最大承重 Maximum table load	kg	5000	8000	10000	20000
直线运动行程 Linear motion stroke	mm	1500	1500	1600	1600

工作台（闭式静压结构）workbench (closed hydrostatic structure)		HT028	HT040	HT060	HT080	HT0100
工作台尺寸 (宽 × 长) Table size (W×L)	mm	2000×2000 2000×2500 2500×3000 3000×3500	2500×3000 3000×3000 3000×3500 3000×4000	3000×4000 3500×4000 4000×4000 4000×4500	4000×4000 4000×4500 4000×5000 4500×5000	4500×4500 5000×5500 5000×6000 5500×6000
工作台最大承重 Maximum table load	kg	20000	40000	60000	80000	100000
直线运动行程 Linear motion stroke	mm	1600~2000	2000~3000	2000~3000	2000~4000	3000~5000

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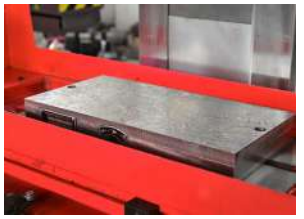
MYK820 MYK1022 MYK1224 MYK4080 MYK4100 数控磨床

CNC GRINDING MACHINE



▶ 主要特点 MAIN FEATURES

本数控磨床的特点在于实现三轴全自动化（纵向液压驱动），减轻了操劳作者的劳动强度，三轴实现全自动化，一个工人可以同时操作 3-5 台机床，大大减少了人工成本，尤其是批量加工时，效益更为显著；
工作台横向运动（前后）由伺服电机驱动，精密型滚珠丝杆，保证精度，精确定位，按照程序自动进给，可实现自动，且快进快退功能。工作台纵向（左右）运动，采用一 V 一平导轨，并经人工精密铲花，采用液压传动，运行平稳；

This CNC grinder is characterized by the realization of three-axis full automation (longitudinal hydraulic drive), which reduces the labor intensity of the laborious author. The three-axis realizes full automation. One worker can operate 3-5 machine tools at the same time, which greatly reduces labor costs. Especially in batch processing, the benefits are more significant;
The horizontal movement (front and back) of the worktable is driven by a servo motor, precision ball screw, to ensure accuracy, precise positioning, and automatic feeding according to the program, which can realize automatic and fast forward and fast rewind functions. The worktable moves longitudinally (left and right), adopts a V-flat guide rail, and is manually precision scraped, adopts hydraulic transmission, and runs smoothly;

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	MYK820	MYK1022	MYK1224	MYK4080	MYK4100
工作台台面尺寸 Worktable size(L*W)		mm	480×200	540×250	600×300	800×400	1000×400
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		mm	530×220	560×260	650×320	900×500	1030×500
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		mm	1×14	1×14	1×14	3×14	3×14
砂轮轴中心至工作台面距离 Distance spindle center line to working table		mm	450/300	450/300	520/350	600	600
专用砂轮（外径 × 宽 × 内径）Special grinding wheel (outer diameter×width×inner diameter)		mm	200×20×31.75	200×20×31.75	300×30×76.2	350×40×127	350×40×127
砂轮转速 Grinding wheel speed		r/min	2850	2850	1450	1450	1450
进给量 Feed rate	工作台纵向（左右）速度 Longitudinal (left and right) speed of worktable	m/min	3~25	3~25	3~25	3~25	3~25
	工作台横向（前后）速度 Transverse (front and rear) speed of worktable	m/min	0.5-15	0.5-15	0.5-15	0.5-15	0.5-15
	磨头上下自动进给量 Automatic feed rate of grinding head up and down	mm	0.005-0.05	0.005-0.05	0.005-0.05	0.005-0.05	0.005-0.05
	磨头上下快速升降速度（近似值）Rapid up and down speed of grinding head (approximate value)	m/min	0-6	0-6	0-6	0-6	0-6
电机功率 Motor Power	主轴电机 Spindle motor power	kw	1.5	1.5	2.2	4	4
	冷却电机 Cooling motor power	w	40	40	40	125	125
	升降电机 Lifting motor	kw	0.75	1	1	1	1
	油压马达 Hydraulic motor	kw	0.75	1	1	1	1
油压系统 Hydraulic system	液压马达	kw	1.5	1.5	2.2	2.2	2.2
	工作压力	MPa	3	3	4	4	4
	油箱容量	L	80	80	100	100	100
	最大流量	L/min	18	18	20	20	20
工作精度 Working accuracy	加工表面对基面的平行度 Parallelism of the machined surface to the base surface	mm	300:0.005	300:0.005	300:0.005	300:0.005	1000:0.015
	表面粗糙度 Surface roughness	μm	Ra0.32	Ra0.32	Ra0.32	Ra0.32	Ra0.32
净重 / 毛重 Net weight/Gross weight		kg	900/1000	1000/1150	1500/1600	3000/3200	3200/3400
吸盘规格（永磁）Suction cup specifications(permanent magnet)		mm	400×200	500×250	600×300	400×800	400×1000
外形尺寸（长 × 宽 × 高）Overall dimensions (length×width×height)		mm	1680×1140×1760	1680×1220×1720	2800×1600×1800	2350×2000×2100	2550×2000×2100
包装尺寸（长 × 宽 × 高） Packing size (L×W×H)		mm	1630×1170×1940	1630×1290×1940	2900×1700×2000	——	——

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VMK 系列·数控立式磨床

VMK SERIES CNC VERTICAL GRINDING MACHINES

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	VMK60	VMK80	VMK1000	VMK1250
X 轴行程 X-axis travel	mm	450	600	700	700
Z 轴行程 Z-axis travel	mm	600	800	850	850
最大回转直径 Maximum Swing Diameter	mm	700	950	1100	1250
最大车削直径 Max. turning diameter	mm	600	900	1000	1100
最大车削高度 Max. turning height	mm	600	800	850	850
主轴转速 Spindle speed	rpm	50-1000	50-1000	50-600	50-500
前轴承直径 Front bearing diameter	mm	ϕ130	ϕ200	中 200	ϕ200
主轴轴向跳动 Spindle axial runout	mm	0.003	0.003	0.003	0.003
主轴径向跳动 Spindle radial runout	mm	0.003	0.003	0.003	0.003
主轴输出额定扭矩 Rated torque of spindle output	N.M	400	450	700	700
主电机功率 Main motor power	Kw	15	18.5	22	22
卡盘形式 Chuck type		三爪液压自定心卡盘 Three-jaw hydraulic self-centering chuck			四爪手动卡盘 Four-jaw manual chuck
卡盘直径 Chuck Diameter	mm	ϕ400	ϕ630	ϕ630	ϕ800
磨削主轴功率 Grinding spindle power	Kw	30		37	
磨削主轴转速 Grinding spindle speed	rpm	12000	12000	10000	10000
磨削主轴规格 Grinding spindle specifications		HSK63	HSK63	HSK100	HSK100
X 向导轨 X-axis guides	mm	45	55	55	55
Z 向导轨 z-axis guides	mm	45	55	55	55
X 向丝杠 X-axis screw	mm	ϕ40	ϕ50	ϕ50	ϕ50
Z 向丝杠 z-axis screw	mm	ϕ40	ϕ50	ϕ50	ϕ50
冷却马达功率 Cooling motor power	Kw	0.45	0.75	0.75	0.75
液压马达功率 Hydraulic motor power	Kw	1.5	1.5	1.5	1.5
定位精度 position accuracy	mm	±0.005	±0.008	±0.008	±0.008
重复定位精度 Repeat Positioning Accuracy	mm	±0.003	±0.004	±0.005	±0.005
最小移动单位 Minimum movement unit	mm	0.001	0.001	0.001	0.001

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圆台卧轴平面磨床系列

CYLINDRICAL HORIZONTAL SURFACE GRINDER SERIES

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	MK600
X 轴 x-axis	mm	450mm
Z 轴 z-axis	mm	300mm
最大磨削直径 Maximum grinding diameter	mm	φ600mm
最大磨削高度 Maximum grinding height	mm	300mm
主轴轴速 Spindle speed	rpm	1000-2500rpm
主轴电机功率 Spindle motor power	KW	7.5KW
主轴轴径 Axis diameter of spindle	mm	140mm
重复定位精度 Repeat positioning accuracy	mm	±0.003mm
定位精度 Positioning accuracy	mm	±0.008mm
平面度 Platness	mm	±0.005mm
最小定位单位 Maximum grinding height	mm	0.001mm
回转电磁吸盘转台转速 Rotary electromagnetic chuck turntable speed	rpm	50-200
磨头砂轮尺寸 Grinding head wheel size	mm	D350×40×127
X/Z 轴驱动电机 X/Z axis drive motor	KW	22Nn/3KW
转台承重额定 Rotary table load rating	KG	300KG
转台电机功率 Rotary table motor power	KW	0.37KW
机床总重量 Total weight of the machine	KG	7000KG
占地面积 (长 × 宽 × 高)Floor space (L×W×H)	mm	2200×3000×2900mm

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BK5018 BK5030 BK5032 BK5035 BK5040
数控插床
CNC SLOTTING MACHINE

▶ 主要特点 MAIN FEATURES

插床用于插削平面、成型面及键槽等，并能插倾斜度在 10°范围内的模具等工作物，适用于单个或小批量生产的企业。
插床的工作台具有三种不同方向的进给 (纵向、横向和回转)

The slotting machine is used for slotting planes,forming surfaces and keyways,etc.,and can insert work objects such as molds with an inclination within 10° .It is suitable for single or small batch production enterprises.
The table of the slotting machine has three different directions of feed(longitudinal,horizontal and rotary)

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	BK5030	BK5035	BK5040
滑枕最大插削长度 Max.ram slotting length	mm	300	350	400
滑枕调节行程 Ram adjustment stroke	mm	260	300	435
滑枕运动次数 Ram moving frequency per minute	n/min	30--120	0-70	——
最大切削力 Maximum cutting force	N	5000	7500	——
工作台尺寸 Table size	mm	550 x 410	750 x 510	800*610
工作台行程 (X/Y)Table travel(X/Y)	mm	250 x 300	320 x 400	——
刀柄直径 Shank diameter	Mm	ϕ40	ϕ60	——
刀头支承孔轴线至立柱前臂的距离 The distance between the axis of the tool head supporting hole and the forearm of the column	mm	505	625	——
滑架底端至工作台面距离 Distance from bottom end of slide frame to work surface	mm	540（标准型 Standard）	680（标准型 Standard）	720
		690（加高型 increase height）	830（加高型 increase height）	
内置转台滑架底端至工作台面距离 Distance from bottom end of built-in turntable slide frame to work surface	mm	410（标准型 Standard）	560（标准型 Standard）	——
		560（加高型 increase height）	710（加高型 increase height）	
X 向电机扭矩 X axis motor torque	N.M	6（伺服 servo）	10	7.7
Y 向电机扭矩 Y axis motor torque	N.M	6（伺服 servo）	15	7.7
X 轴快速移动 X axis rapid traverse speed	m/min	5	5	5
Y 轴快速移动 Y axis rapid traverse speed	m/min	5	5	5
滚珠丝杠（X） Ball screw		FFZD3205-3/P4	FFZD4010-3/P4	——
滚珠丝杠（Y） Ball screw		FFZD3205-3/P4	FFZD4010-3/P4	——
主电机功率 Main motor power	KW	3.7（伺服 servo）	5.5	3.7
机床重量 Machine weight	Kg	2650/2800	4600/4750	4400
机床尺寸 Machine size	mm	2150*2100*2100	2550×2100×2500	2650*2200*2585
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2300*2300*2250	2700×2250×2700	-

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Y5125ACNC Y5132ACNC 数控插齿机

CNC GEAR SHAPER

▶ 主要特点 MAIN FEATURES

数控插齿机可以用来粗、精加工内外直齿圆柱齿轮、双联和多联齿轮、各类盘齿、轴齿等加工，特别适合于机床零部件、工程机械、矿山机械、汽车、拖拉机及航空等制造业的大批量生产使用，也可供制造业中单件或小批量的生产加工。如果在机床上装置专门的附件，也可以加工斜齿轮、齿条、扇形、凸轮等。

It is used for rough and fine machining of internal and external straight gear, double and multiple gear, all kinds of disk teeth, shaft teeth and other processing, especially suitable for mass production of machine tool parts, construction machinery, mining machinery, automobiles, tractors and aviation manufacturing, and can also be used for single or small batch production and processing in manufacturing. If special accessories are installed on the machine tool, it can also process helical gear, rack, fan, CAM, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Y5125ACNC	Y5132ACNC
最大工件外齿直径 Maximum diameter of workpiece external teeth	mm	250	320
最大工件内齿直径 Maximum internal tooth diameter of the workpiece	mm	200+D 刀	220+D 刀
最大模数 Maximum modulus	mm	6	6
最大齿宽 Maximum tooth width	mm	80	80
插齿刀最大行程长度 Maximum travel length of gear shaper cutter	mm	90	90
插齿刀主轴最高冲程数 Maximum number of spindle strokes of gear shaper cutter	str/max	500(无级)	500(无级)
主轴直径 Spindle diameter	mm	80	80
插齿刀最大让刀量 Maximum letting amount of gear shaper cutter	mm	0.38	0.38
工作台面直径 Table diameter	mm	250	320
工作台孔径 Table aperture	mm	70	90
插齿刀行程位置调整量 Gear shaper tool stroke position adjustment amount	mm	50	50
插齿刀安装轴颈直径 Gear shaper mounting journal diameter	mm	20/31.743/44.45mm; 莫式 2#/ 莫式 3#	31.743
插齿刀轴心线至工作台轴心线距离 Distance from spindle line of gear shaper cutter to spindle line of table	mm	-100 ～ 230	-115 ～ 270
刀具安装端面至工作台面距离 Distance from tool mounting face to work surface	mm	100-240	100-215
机床总功率 Total machine power	KW	10	11.5
重量约 Approximate weight	KG	3000	4500/4700
机床尺寸 Machine size	mm	——	2270×1680×2150
包装尺寸 Package size	mm	——	2420×1780×2350

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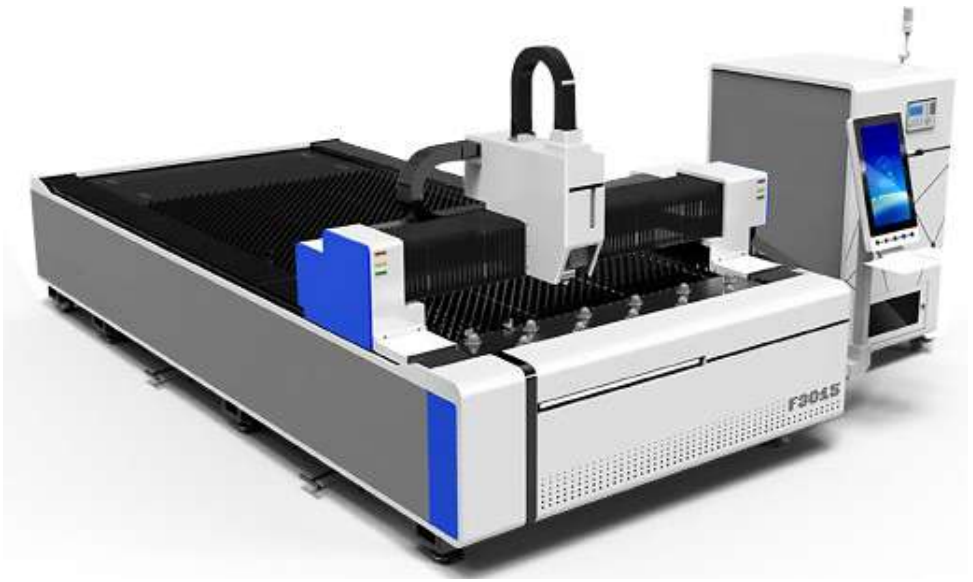
H1530 H4020 H6020 6025 8025 激光切割机

CUTTING MACHINE



1. 外包装 : 广告用激光切割机用标准出口胶合板箱
2. 内包装 : 拉伸膜和防潮塑料膜。
1.Outside package :Standard export plywood case for Laser cutting machine for advertising
2.Inner package:Stretch film and and plastic film for humidity.

▶ 主要特点 MAIN FEATURES

激光数控光纤激光切割机广泛应用于制造广告牌、招牌、广告等。标牌、金属字、LED 字、厨具、广告字、钣金加工、金属零部件、五金制品、机箱、货架、机柜加工、金属工艺品、金属工艺品、电梯面板切割、五金、汽车配件、眼镜架、电子配件、铭牌等

LASER CNC Fiber Laser Cutting Machines are widely used in manufacturing scutcheon,Metal Letters,LED Letters, Kitchen ware,Aaveiustng cecosi, t Meotal crafts.metal art ware,Compo-nents and Parts,Jlronware,Chassis,Racks & Cabinets Processing,Metal crafts, metal art ware,elevator panel cutting, hardware, auto parts, Glasses Frame,Electronic Parts,Nameplates, etc

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	H1530/H402Q/H6020/ 6025/8025
加工幅面 Processing area	kn	1500mm*3000mm /4000*2000mm/6000mm*2000mm/6000*2500mm /8000*2500mm
运行速度 Moving speed	Mpa	120m/min
最定位精度 Positioning Precession	mm	+0.03mm
重复定位精度 Repeat positioning precession	mm/s	+0.02mm
激光器功率 Laser Power		1000W/2000W/3000W/4000w /6000W/8000W
CAN BE CUSTOMIZED ACCORDING TO CUSTOMER REQUIREMENTS		

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FT1530 FT4020 FT 6020 板管一体激光切割机

SHEET&TUBE FIBER LASER CUTTING MACHINE

1. 外包装 : 广告用激光切割机用标准出口胶合板箱
2. 内包装 : 拉伸膜和防潮塑料膜。
1.Outside package :Standard export plywood case for Laser cutting machine for advertising
2.Inner package:Stretch film and and plastic film for humidity.

▶ 主要特点 MAIN FEATURES

激光数控光纤激光切割机广泛应用于制造广告牌、招牌、广告等。标牌、金属字、LED 字、厨具、广告字、钣金加工、金属零部件、五金制品、机箱、货架、机柜加工、金属工艺品、金属工艺品、电梯面板切割、五金、汽车配件、眼镜架、电子配件、铭牌等

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	H1530/H402Q/H6020/ 6025/8025
加工幅面 Processing area	kn	1500mm*3000mm /4000*2000mm/6000mm*2000mm/6000*2500mm /8000*2500mm
运行速度 Moving speed	Mpa	120m/min
定位精度 Positioning precession	mm	+0.03mm
重复定位精度 Repeat positioning precession	mm/s	+0.02mm
激光器功率 Laser Power		1000W/2000W/3000W/4000w /6000W/8000W
CAN BE CUSTOMIZED ACCORDING TO CUSTOMER REQUIREMENTS		

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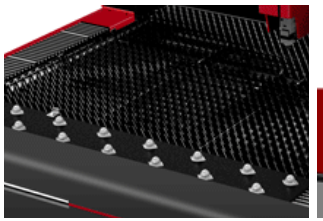
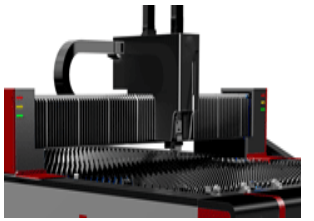
E3015 E4020 E6020 E6025 开放式激光切割机

MIDDLE SHEET FIBER LASER CUTTING MACHINE





1. 龙门钢框架结构
2. 采用液压滑枕 , 具有手动和脚踏功能
3. YM 液压机用于组装、拆卸、对中、冲压、绘图、校直、冲孔。
1. Gateway steel frame structure
2. Adopts the hydraulic ram with manual and foot-operated functions
3. YM hydraulic press is used for assembly, disassembly, centering, stamping, drawing, straightening and punching.

▶ 主要特点 MAIN FEATURES

激光数控光纤激光切割机广泛应用于制造广告牌、招牌、广告等。标牌、金属字、LED 字、厨具、广告字、钣金加工、金属零部件、五金制品、机箱、货架、机柜加工、金属工艺品、金属工艺品、电梯面板切割、五金、汽车配件、眼镜架、电子配件、铭牌等

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	H1530/H402Q/H6020/ 6025/8025
加工幅面 Processing area	kn	1500mm*3000mm /4000*2000mm/6000mm*2000mm/6000*2500mm
运行速度 Moving speed	Mpa	140m/min
最大加速度 Maximum acceleration	G	41.4
最定位精度 Positioning Precession	mm	+0.03mm
重复定位精度 Repeat positioning Precession	mm/s	+0.02mm
激光器功率 Laser Power		1000W/2000W/3000W/4000W/6000w
CAN BE CUSTOMIZED ACCORDING TO CUSTOMER REQUIREMENTS		

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QC12K 系列液压摆式（数控） 剪板机

SERIES HYDRAULIC SWING BEAM (CNC) SHEARING MACHINE

▶ 主要特点 MAIN FEATURES

- 采用钢板焊接结构，液压传动，蓄能器回程，操作方便，性能可靠，外形美观；装配数码显示系统；
- 刃口间隙调整有指示牌指示，调整轻便迅速；
- 设有灯光对线装置、剪切行程控制装置，调节方便快捷；
- 滚动托料球，减少板料划伤，减少摩擦阻力；
- 具有后挡料位置数码位置数码显示、软限位、单向定位间隙提示、剪切自动计数功能；
- 后挡料装有编码器，配合数码显示系统，使得后挡料位置显示更准确，从而进一步提高了本机的剪切精度。

- Sheet plate welded structure is adopted, with hydraulic transmission and accumulator retum, typical of an easy operation, reliable performance, and nice appearance, fitted with digital display system.
- Indication by indicator is provided for adjustment of blade clearance,for a handy and prompt adjustment.
- Alignment device with lighting and control device for shearing stroke areset, with a handy and prompt adjustment.
- Rolling material support ball is provided,to minimize fish tall with sheet bar and to reduce frictional resistance.
- The machine tool is provided with the functions of digital display,softlimit, as well as prompt for one-way positioning clearance, and automatic countiong for shearing.
- The rear stopper is fitted with coder and digital display system, so thatthe position of rear stopper is displayed more accurately,thus to furtherenhance the shearing precision of this machine.

▶ 主要参数 PRODUCT PARAMETERS

型号 Type	可剪板厚 Cutting thickness	可剪板宽 Cutting width	剪切角 Cutting angle	行程次数 Travel times	后挡料调节范围 Stopper adjust range	主电机功率 Power	外形尺寸 Dimension
	(mm)	(mm)	(°)	(Min-1)	(mm)	(KW)	LxWxH (mm)
4×2500	4	2500	1.5°	14	20~500	4	3200×1650×1620
4×3200	4	3200	1.5°	10	20~500	5.5	3900×1650×1620
4×4000	4	4000	1.5o	8	20~500	5.5	4700×1900×1800
4×5000	4	5000	1.5°	6	20~800	7.5	5700×2100×2200
4×6000	4	6000	1.5°	5	20~750	7.5	6460×2100×2200
6×2500	6	2500	1.5°	12	20~500	7.5	3200×1650×1620
6×3200	6	3200	1.5°	10	20~500	7.5	3900×1650×1620
6×4000	6	4000	1.5°	8	20~500	7.5	4700×1850×1700
6×6000	6	6000	1.5°	5	20~800	11	6700×2200×2200
8×2500	8	2500	1.5°	8	20~500	7.5	3200×1650×1620
8×3200	8	3200	1.5°	7	20~500	7.5	4000×1650×1620
8×4000	8	4000	1.5°	6	20~500	7.5	4800×1800×1700
8×6000	8	6000	1.5°	5	20~800	11	5700×2250×2310
10×2500	10	2500	1.5°	8	20~500	11	3200×1800×1700
10×3200	10	3200	1.5°	7	20~500	11	3900×1950×1900
10×4000	10	4000	1.5°	6	20~800	18.5	4700×2200×2100
10×6000	10	6000	1.5°	5	20~800	18.5	6700×2500×2450
12×2500	12	2500	2°	8	20~600	18.5	3200×2127×2235
12×3200	12	3200	2°	6	20~600	18.5	3900×2127×2235
12×4000	12	4000	2°	5	20~800	18.5	4700×2250×2100
12×6000	12	6000	2°	5	20~800	30	6700×2700×2750
12×8000	12	8000	2°	5	20~800	37	9100×3400×2900
16×2500	16	2500	2.5°	7	20~600	18.5	3200×2400×2100
16×3200	16	3200	2.5°	6	20~600	18.5	4000×2400×2100
16×4000	16	4000	2.5°	5	20~800	30	4700×2500×2300
16×6000	16	6000	2.5°	5	20~800	37	6700×3300×2750
20×2500	20	2500	2.5°	6	20~800	30	3200×2100×2600
20×3200	20	3200	2.5°	5	20~800	30	3900×2350×2750
20×4000	20	4000	2.5°	4	20~800	30	4800×2400×2750
20×6000	20	6000	2.5°	4	20~800	37	6700×3200×2860
25×2500	25	2500	3°	5	20~800	37	3500×2400×2500
25×3200	25	3200	3°	4	20~800	37	4000×2400×2500
25×4000	25	4000	3°	3	20~800	37	4800×2400×2800
25×6000	25	6000	2.5°	2	20~800	37	6700×3400×2860

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QC11C 系列液压闸式（数控）剪板机

SERIES HYDRAULIC GUILLOTINE (CNC) SHEARING MACHINE

▶ 主要特点 MAIN FEATURES

- 本机器采用钢板焊接结构，机身采用有限元分析设计、振动时效消除内应力，使机身稳定、可靠。
- 采用三点支撑滚动导轮，消除支撑间隙，提高剪切精度。
- 刀架剪切角能在一定的范围内调整，可使剪切材料变形量减小到理想状态，又可剪切超厚板料。
- 剪切行程任意调整，提高工作效率，又可实现分段剪切功能。
- 后挡料设计了手动抬升功能，便于超长板料剪切。
- 墙板内侧设有手动加油泵，操作方便，保证关键部位的润滑。
- 插装式液压系统，减缓油温提升，增强机床运行的可靠性和安全性。

- This type machine is installed CNC controllers,which can meet customers'requirements for the design of high precision processing.
- Using three-point rolling guide pulley can eliminate the supportgap, and increase cutting precision.
- Shearing angle can be adjusted within a certain range,which can reduce the shearing deformation of sheet metal and can shear much thicker sheet metal.
- The shearing stroke can be adjusted at will,which raise the working efficiency and realize the function of partition cutting.
- The backgauge is designed manual lifting function,which is convenient to shear long sheet metal.
- Inside the wallboard manual petrol pump is installed,which makes operating convenient and lubricating reliable.
- Plug in hydraulic system can make oil temperature become high slowly,meanwhile it enhance the reliability and safety operation of machine.

▶ 主要参数 PRODUCT PARAMETERS

型号 Type	可剪板厚 Cutting thickness	可剪板宽 Cutting width	行程次数 Travel times	后挡料调节范围 Stopper adjust range	剪切角 Cutting angle	喉口深度 Throat depth	主电机功率 Power	外形尺寸 Dimension
	(mm)	(mm)	(次 /min)	(mm)	(°)	(mm)	(kw)	LxWxH (mm)
4x2500	4	2500	25~45	600	0.5~1.5	100	5.5	3000x2000x1850
6x2500	6	2500	20~45	600	0.5~1.5	125	7.5	3030x2075x1920
6x3200	6	3200	16~45	600	0.5~1.5	125	7.5	3730x2075x1970
6x4000	6	4000	14~45	600	0.5~1.5	125	7.5	4530x2075x1970
6x5000	6	5000	11~40	800	0.5~1.5	125	7.5	5530×2075×2210
6x6000	6	6000	9~36	800	0.5~1.5	125	11	6530x2075x2830
7x7000	7	7000	7~28	800	0.5~1.5	125	11	7530×2075×2830
8x2500	8	2500	20~45	600	0.5~1.5	125	11	3040x2075x1920
8x3200	8	3200	16~45	600	0.5~1.5	125	11	3740x2075×1920
12x2500	12	2500	12~35	800	0.5~2	125	15	3110x2575×2210
12x3200	12	3200	7~35	800	0.5~2	125	15	3810×2575×2420
12x4000	12	4000	8~35	800	0.5~2	125	15	4610×2575×2530
16x2500	16	2500	16~40	800	0.5~2.5	125	22	3130×2655×2200
16x4000	16	4000	12~40	800	0.5~2.5	125	22	4630x2655x2570
20x2500	20	2500	16~40	800	0.5~2.5	125	30	3160×2855×2720
20x4000	20	4000	12~40	800	0.5~2.5	125	30	4660×2855×2720
25x2500	25	2500	8~15	800	0.5~3.5	120	37	3330×2000x2650
25x3200	25	3200	8~15	800	0.5~3.5	120	27	3970×2100×2865
25x4000	25	4000	6~12	1000	0.5~3.5	120	27	4780x2500×3150
32x2500	32	2500	6~12	1000	0.5~3.5	120	45	4100x2300x3200
32x3200	32	3200	8~12	1000	0.5~3.5	120	55	1900x2650×3450
40x2500	40	2500	4~10	1000	0.5~3.5	120	75	4100×2550×3500
40x3200	40	3200	4~10	1000	0.5~3.5	120	75	4900x2900×3750

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扭轴伺服数控折弯机

HYDRAULIC TORSION SERVO CNC PRESS BRAKE

● 主要特点 MAIN FEATURES

- 主机配置折弯机专用数控系统；
- 多工步编程功能，能够实现多步程序自动运行、连续定位，实现后挡料及滑块位置自动精确调节；
- 折弯计数功能，实时显示加工数量，断电记忆后挡料滑块位置、程序及参数；
- 后挡料采用进口滚珠丝杆和直线导轨，确保了后挡料的定位精度，机器加工精度更高。

- Special numeric-control system is fitted with mainframe of the bending
- Multi-work-step programming function is able to achieve an automatic coperation and contnuous positioning of multi-step procedures, as well as anautomatic precision adjustment for positions of rear stopper and gliding block.
- The machine is provided with bend counting function,for a real-time display of processing quantity and power-failure memory of positions of stopper and gliding block, as well as procedures and parameters.
- Imported ball bearing lead screw and linear guide rail are used for rearstopper, to ensure the positioning precision of rear stopper, for processing precision of machine to be higher.

● 主要参数 product parameters

型号 Type	公称压力 Nominal force	工作台长度 Worktable length	立柱间距 Poles distance	喉口深度 Throat depth	滑块行程 Stroke	最大开启高度 Max open	主电机功率 Power	外形尺寸 Dimension
	(KN)	(mm)	(mm)	(mm)	(mm)	(mm)	(KW)	LxWxH (mm)
40T/2200	400	2200	1680	200	100	320	5.5	2300×1100×1900
40T/2500	400	2500	1880	200	100	320	5.5	2600×1100×1900
50T/2200	500	2200	1680	200	100	320	5.5	2300×1150×1940
50T/2500	500	2500	1880	200	100	320	5.5	2600×1150×1940
63T/2500	630	2500	1880	250	120	340	5.5	2600×1600×2300
63T/3200	630	3200	2550	250	120	340	5.5	3300×1600×2300
80T/3200	800	3200	2550	320	200	360	7.5	3300×1700×2300
80T/4000	800	4000	3150	320	200	360	7.5	4100×1700×2300
100T/3200	1000	3200	2550	320	200	380	7.5	3300×1800×2400
100T/4000	1000	4000	3150	320	200	380	7.5	4100×1800×2400
160T/3200	1600	3200	2550	320	200	450	11	3300×1600×2600
160T/4000	1600	4000	3150	320	200	450	11	4100×2000×2600
160T/6000	1600	6000	5000	320	250	450	11	6100×2000×3200
200T/3200	2000	3200	2550	320	250	500	11	3300×2100×2800
200T/4000	2000	4000	3100	320	250	500	11	4100×2100×2900
200T/5000	2000	5000	4000	320	250	500	11	5100×2100×3000
250T/4000	2500	4000	3100	350	250	570	18.5	4100×2200×3500
250T/5000	2500	5000	4000	350	250	570	18.5	5100×2200×3500
250T/6000	2500	6000	4800	350	250	570	18.5	6100×2200×3500
300T/5000	3000	5000	4000	400	250	570	22	5100×2600×4000
300T/6000	3000	6000	5000	400	250	570	22	6100×2600×4200
300T/7000	3000	7000	5620	400	300	570	22	7100×2600×4400
320T/7000	3200	7000	5620	400	320	570	22	7100×2600×4400
350T/6000	3500	6000	5100	450	320	570	30	6100×2600×4200
350T/7000	3500	7000	5620	450	320	570	30	7100×2500×4500
400T/4000	4000	4000	3100	350	320	620	30	4100×2700×3800
400T/6000	4000	6000	4820	400	320	620	30	6100×2800×4200
400T/6500	4000	6500	5100	400	320	620	30	6600×2800×4300
500T/5000	5000	5000	4100	400	320	620	37	5100×3000×4400
500T/6000	5000	6000	4820	400		620	37	6100×3000×4700
500T/7000	5000	7000	5620	400		620	37	7100×3000×4900
600T/6000	6000	6000	4820	400		620	45	6100×2965×4900
600T/7000	6000	7000	5620	400		620	45	7100×2965×4700

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电液伺服数控折弯机

ELECTRO-HYDRAULIC SERVO NC PRESS BRAKE

▶ 主要特点 MAIN FEATURES

- 1. 机身采用整体焊接及整体加工结构；
- 2. 采用了德国进口电液伺服阀及进口光栅尺构成的闭环控制方式；
- 3. 液压系统均采用德国进口的集成式控制系统；
- 4. 机身 C 型板上安装高精度光栅尺；
- 5. 工作台具有液压挠度自动补偿机构；
- 6. 数控系统采用意大利 ESA、荷兰 DELEM 或瑞士 CYBELEC 公司的电液伺服折弯机专用数控系统。

- The fuselage adopts integral welding and integral processing structure;
- It adopts the closed-loop control method composed of German imported electro-hydraulic servo valve and imported grating ruler;
- The hydraulic system adopts the integrated control system imported from Germany;
- High-precision grating ruler is installed on the C-type plate of the fuselage;
- The worktable has a hydraulic deflection automatic compensation mechanism;
- The numerical control system adopts the special numerical control system for electro-hydraulic servo bending machine from Italian ESA, Netherlands DELEM or Swiss CYBELEC company.

▶ 主要参数 PRODUCT PARAMETERS

型号 Type			63×2500	100×3200	100×4000	160×3200	160×4000	250×3200	250×4000	300×3000	300×4000	300×5000	400×4000	400×5000	400×6000
公称力 Pressing force		KN	630	1000	1000	1600	1600	2500	2500	3000	3000	3000	4000	4000	4000
最大折弯长度 Max Working length		mrm	2500	3200	4000	3200	4000	3200	4000	3000	4000	5000	4000	5000	6000
立柱间距离 Distance between uprights		mm	2050	2600	S100	2600	3100	2600	3100	2600	3100	4000	3100	4000	5000
最大开启高度 Max.shut height		mm	450	500	500	500	500	520	520	520	520	520	570	570	570
滑块行程 Stroke		mm	150	200	200	200	200	200	200	200	200	200	300	300	300
喉口深度 Throat depth		mm	300	400	400	400	400	400	400	400	400	400	500	500	500
工作台宽度 Table width		mm	100	100	100	200	200	240	240	260	260	260	300	300	300
快进速度 Apprach speed		mm/s	100	100	100	100	100	100	100	80	80	80	80	80	80
工进速度 Working speed		mm/s	10	10	10	10	10	10	10	8	8	8	8	8	8
返程速度 Return speed		mm/s	80	80	80	100	100	100	100	85	85	85	80	80	80
后挡料行程 Back gauge stroke		mm	500	500	500	500	500	800	800	800	800	800	800	800	800
机床外形尺寸 Outline demension	长 Length	mm	2825	3500	4500	3500	4500	3500	4500	3300	4300	5300	4300	5300	6400
	宽 Width	mm	1650	1650	1650	1650	1650	1730	1730	1950	1950	1950	2100	2100	2100
	高 Height	mm	2430	2540	2540	2580	2580	2580	2580	2670	2670	2620	3100	3100	3170

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CZ 系列 普通车床

CZ SERISE CONVENTIONAL LATHE

▶ 主要特点 MAIN FEATURES

本系列车床是通用金属切削机床，适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制和英制和模数和径节螺纹，并能进行钻孔和拉油槽等工作，本系列机床适宜加工铸铁，钢及各种有色金属等材料。

CW series lathe machine is universal metal machining equipment for metal processing, mainly used for turning the internal and external cylindrical surface,conical surface and other rotating surfaces,and turning internal and external pipe threads such as metric,inch, module, DP threads etc., meanwhile this series is also used to drill holes in bar material and make oil groove,this series lathe is able to process metal materials including cast iron, steel and non-ferrous metals.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CZ1224G	CZ1237G	CZ1324G	CZ1337G	CZ1340G	CZ1440G
床身上最大回转直径 Max Swing diameter over bed	mm	305	305	330	330	330	355
横滑板上最大回转直径 MaxSwing diameter over cross slide	mm	173	173	195	215	195	220
马鞍上最大回转直径 Max Swing diameter over gap	mm	440	440	465	485	476	550
两顶尖之间的距离 Distance between centers	mm	530	940	530	940	1000	1000
主轴孔径 Spindle bore diameter	mm	38	38	38	38	38	38
主轴孔径锥度 Spindle bore taper		MT5	MT5	MT5	MT5	MT5	MT5
主轴转速级数 Spindle speed steps	steps	9	9	9	8	8	8
主轴转速范围 Spindle speed range	rpm	64-1500	64-1500	64-1500	64-1500	70~2000	70~2000
中拖板行程 Cross slide travel	mm	150	150	150	150	170	170
小刀架行程 Top tool post travel	mm	85	85	85	85	74	74
公制螺纹种数 Kinds of metric threads	kinds	11	11	11	11	23	23
公制螺纹范围 Range of metric threads	mm	0.5-3.5	0.5-3.5	0.5-3.5	0.5-3.5	0.25-11	0.25-11
英制螺纹种数 Kinds of inch threads	kinds	14	14	14	14	40	40
英制螺纹范围 Range of inch threads	T.P.I.	7½-48	7½-48	7½-48	7½-48	4~112T.PI	4~112T.P.I
尾座套筒直径 Tailstock quill diameter	mm	32	32	32	32	32	32
尾座套筒锥孔 Tailstock quill taper		MT3	MT3	MT3	MT3	MT3	MT3
尾架套筒行程 Tailstock quill travel	mm	95	95	95	95	95	95
主电机功率 Main motor power	kw	1.1	1.1	1.1	1.1	1.5	1.5
冷却电机功率 Coolant motor power	kw	0.04	0.04	0.04	0.04	0.04	0.04
机床重量 Machine weight	kg	495	515	505	525	555	560
外形尺寸 (长 X 宽 X 高) Overall dimension(W*H*L)	mm	1420*750*1460	1780*750*1460	1420*750*1460	1920*750*1460	1920*760*1460	1920*760*1460

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C6132/C6232 C6136/C6236 C6140/C6240 C6150/C6250 C6160/C6260 普通车床

CONVENTIONAL LATHE

▶ 主要特点 MAIN FEATURES

本系列车床是通用金属切削机床，适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制和英制和模数和径节螺纹，并能进行钻孔和拉油槽等工作，本系列机床适宜加工铸铁，钢及各种有色金属等材料。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	C6132 C6232	C6136 C6236	C6140 C6240	C6150 C6250	C6160 C6260
床身上最大回转直径 swing over bed		mm	320			800	
拖板上最大回转直径 Swimg over carriage		mm	150	800			1000
马鞍内最大回转直径 Swing over gap		mm	- 480			550(C:480)	
最大工件长度 Max.Length of workpiece		mm	750/1000/1500/2000/3000				
主轴孔径 Spindle bore		—	52(选配 Opt.80)				
主轴内孔锥度 Spindle taper		—	MT6(选配 Opt. 公制 Metric 1:20)				
主轴转速范围 Spindle speed range		—	40-1400	40-1400	40-1400	40-1400	40-1400
主轴转速级数 Step of spindle speed		rpm	9	9	9	9	9
中拖板行程 Cross slide travel		mm	160	180	200	250	300
小刀架行程 Top tool post travel		mm	95	95	95	95	95
刀具尺寸 Tool size		mm	20*20				
纵向进给量范围 Longitudinal feeds range		mm/r	0.0832-4.6569				
横向进给量范围 Cross feeds range		mm/r	0.048-2.688				
公制螺纹种数 Kinds of metric threads		mm	19				
公制螺纹范围 Range of metric threads		mm	0.25-14				
英制螺纹种数 Kinds ofinch threads		D.P.	28				
英制螺纹范围 Range of inch threads		mm	2-40				
模数螺纹种数 Kinds of threads module			17				
模数螺纹范围 Range of threads module		mm	0.25-3.5				
尾座套筒直径 Tailstock quilldiameter		kW	65				
尾座套筒锥孔 Tailstock quilltaper		kW	MT4				
尾架套筒行程 Tailstock quilltravel			130				
主电机功率 Main motor power			4			5.5	
冷却泵电机 Coolant pump motor		kW	0.09				
机床重量 Machine weight		kg	1100	1200	1220	1250	1300
		kg	1200	1300	1320	1350	1400
		kg	1400	1500	1520	1550	1600
		kg	1600	1700	1720	1750	1800
		kg	1800	1900	1920	1950	2000
外形尺寸 (长 × 宽 × 高) Overall dimension (W*H*L)		mm	2200*1140*1500	2200*1140*1500	2200*1140*1550	2200*1140*1650	2200*1140*1750
		mm	2400*1140*1500	2400*1140*1500	2400*1140*1550	2400*1140*1650	2400*1140*1750
		mm	2900*1140*1500	2900*1140*1500	2900*1140*1550	2900*1140*1650	2900*1140*1750
		mm	3400*1140*1500	3400*1140*1500	3400*1140*1550	3400*1140*1650	3400*1140*1750
		mm	4400*1140*1500	4400*1140*1500	4400*1140*1550	4400*1140*1650	4400*1140*1750

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CA 系列车床

CA SERIES CONVENTIONAL LATHE

▶ 主要特点 MAIN FEATURES

1. 本系列车床适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制、英制、模数和径节螺纹，并能进行钻孔和拉油槽等工作。
2. 床身导轨宽度 400mm，具有较高的刚度，导轨面经高频淬火，经久耐磨。
3. 机床操作灵便集中，溜板设有快移机构。采用单手柄形象化操作，宜人性好。
4. 机床结构刚度与传动刚度均高于一般车床，功率利用率高，适于强力切削。

1. This series lathe machine is suitable for internal and external turning,tapering,and other rotating faces, metric, moduleand inch threads,as well as drilling and pull oil slot.
2. The lathe bed is 400mm,with high hardness on guideway,the guideway is through
3. This machine is easy to operate,with rapid device for carriage,design with single hand wheel to operate.
high-frequency quenching, wear-resisting.
4. The strength and rigidity of machine is higher than normal lathe machine,high efficiency,suitable for heavy duty machining

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CA6140/ CA6140B CA6240 CA6240B	CA6150 CA6150B CA6150C CA6250 CA6250B CA6250C	CA6161 CA6161B CA6161C CA6261 CA6261B CA6261C	CA6166 CA6166B CA6166C CA6266 CA6266B CA6266C	CA6180 CA6180B CA6180C CA6280 CA6280B CA6280C
床身上最大回转直径 swing over bed	ϕmm	400mm	500mm	610mm	660mm	800mm
拖板上最大回转直径 Max. swing over cross slide	ϕmm	210mm	300mm	370mm	400mm	540mm
马鞍内最大回转直径 MAX.Swing in gap(CA62 series)	mm	630mm	720mm	830mm	880mm	1020mm
最大工件长度 Max.Length of workpiece	mm	750/1000/1500/2000/2200/3000/4000mm				
床身宽度 Bed width	mm	400				
刀杆截面 Section of turning tool	mm	25*25				
主电机 Main spindle motor	kw	7.5kw(10HP)				
主轴转速 Spindle speed	rpm	16--1400rpm(24step)				
主轴内孔直径 Spindle bore	mm	52mm (B:80mm),(C:105mm)				
主轴锥度 Spindle taper		No.6(MT6)(Φ90 1:20)[Φ113 1:20]				
进给数量 NO. of feed		(64 kinds)(for each)				
公制螺纹 Range of metric threads	mm	(1-192mm) (44 kinds)				
英制螺纹 Range of inch threads		(2-24tpi) (21kinds)				
模数螺纹 Range of module threads		0.25-48 (module 39 kinds)				
径节螺纹 Range of diametral pitch threads		1-96DP (37 kinds)				
最大行程 Max. tailstock spindle travel	mm	150mm				
尾座主轴直径 Tailstock spindle diameter	mm	75mm				
尾座主轴孔锥度 Taper of tailstock spindle centre hole		NO.5(MT5)				
外形尺寸为 750mm Overall dimensions for 750mm	mm	2550×1140×1750mm				
外形尺寸为 1000mm Overall dimensions for 1000mm		2700×1140×1750mm				
外形尺寸为 1500mm Overall dimensions for 1500mm		3200×1140×1750mm				
外形尺寸为 2000mm Overall dimensions for 2000mm		3700×1140×1750mm				
外形尺寸为 2200mm Overall dimensions for 2200mm		4030×1140×1750mm				
外形尺寸为 3000mm Overall dimensions for 3000mm		4850×1140×1750mm				
外形尺寸为 4000mm Overall dimensions for 4000mm		5800×1140×1750mm				
750 重量 Weight for 750	kg	2100 /1990	2170/2060	2300/2180	2380/2260	2520/2400
1000 重量 Weight for 1000		2190/2070	2260/2140	2380/2250	2570/2450	2720/2560
1500 重量 Weight for 1500		2350/2220	2450/2290	2577/2437	2810/2640	2980/2800
2000 重量 Weight for 2000		2720/2570	2800/2640	2940/2787	3050/2880	3260/3087
2200 重量 Weight for 2200		2800/2600	3940/2790	3120/2970	3390/3180	3490/3287
3000 重量 Weight for 3000		3300/3200	3450/3300	3600/3450	3930/3687	4200/3887
4000 重量 Weight for 4000		3500/3400	3750/3600	3950/3800	4580/4200	4850/4500

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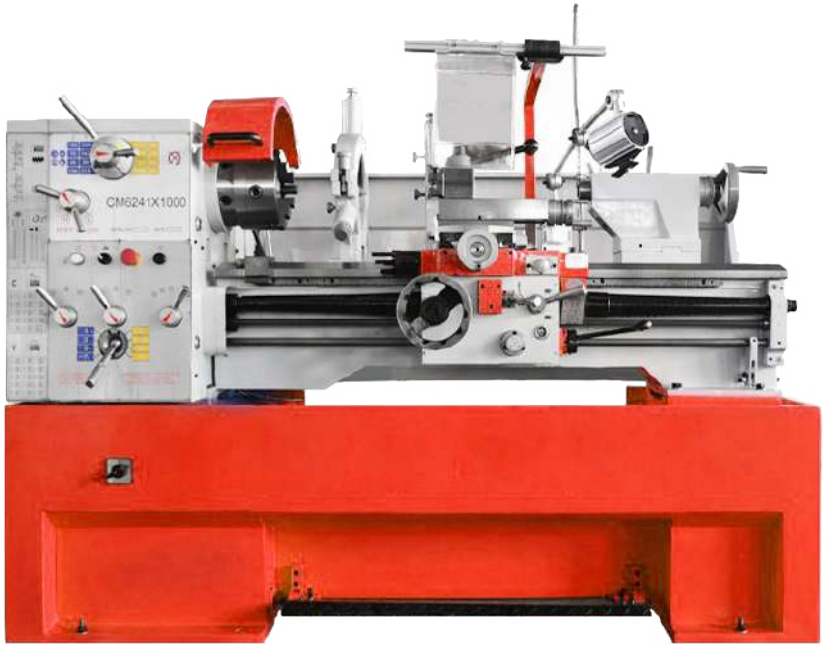
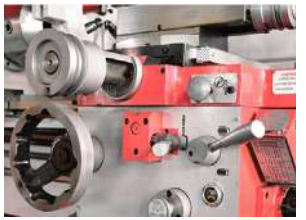
CM6241 CM6241V 普通车床

CONVENTIONAL LATHE





▶ 主要特点 MAIN FEATURES

本系列车床是通用金属切削机床，适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制和英制和模数和径节螺纹，并能进行钻孔和拉油槽等工作，本系列机床适宜加工铸铁，钢及各种有色金属等材料。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CM6140	CM6241V
床身上最大回转直径 Swing over bed	mm	410(16")	410(16")
横滑板上最大回转直径 Swing over cross slide	mm	255(10")	255(10")
马鞍上最大回转直径 Swing over gap	mm	580(23")	580(23")
马鞍长度 Gaplength	mm	190(7-1/2")	190(7-1/2")
最大工件长度 Distance between centers	mm	1000(40")/1500(60")	1000(40")/1500(60")
主轴中心高 Center height	mm	205(8")	205(8")
床身宽度 Bed width	mm	250(10")	250(10")
主轴端部形式 Spindle nose type	-	D1-6	D1-6
主轴孔径 Spindle bore	mm	52(2")	52(2")
主轴孔径锥度 Spindle bore taper	-	MT6	MT6
主轴转速范围 Spindle speed range	rpm	45-1800	L:30-550 H:550-3000
主轴转速级数 Spindle speed steps	-	16	无级变速 Stepless
小刀架行程 Top tool post travel	mm	140(5-1/2")	140(5-1/2")
中拖板行程 Cross slide travel	mm	210(8-1/4")	210(8-1/4")
刀具尺寸 Tool size	mm	20*20(13/16")	20*20(13/16")
大丝杠螺距 Lead screw threads	T.PL.	4	4
纵向进给 Longitudinal feeds range	mm/r	0.05-1.7(0.002"-0.067")	0.05-1.7(0.002"-0.067"/rev)
横向进给 Cross feeds range	mm/r	0.025-0.85(0.001"-0.0335")	0.025-0.85(0.001"-0.0335"/rev)
公制螺纹种数 Kinds of metric threads	kinds	39	39
公制螺纹范围 Range of metric threads	mm	0.2-14	0.2-14
英制螺纹种数 Kinds ofinch threads	kinds	45	45
英制螺纹范围 Range of inch threads	TP.I	2-72	2-72
径节螺纹种数 Kinds of metric threads	kinds	21	21
径节螺纹范围 Range of metric threads	D.P.	8-44	8-44
模数螺纹种数 Kinds of threads module	kinds	18	18
模数螺纹范围 Range of threads module	M.P.	0.3-3.5	0.3-3.5
尾座套筒直径 Tailstock quilldiameter	mm	50(2")	50(2")
尾架套筒行程 Tailstock quilltravel	mm	120(4-3/4")	120(4-3/4")
尾座套筒锥孔 Tailstock quilltaper	-	MT4	MT4
横向调整 Cross adjustment	mm	±13(±1/2")	±13(±1/2")
主电机功率 Main motor power	kW	2.2/3.3(3/4.5HP)	2.2/3.3(3/4.5HP)
冷却泵电机 Coolant pump motor	kW	0.1(1/8HP)	0.1(1/8HP)
机床重量 Machine weight	kg	1350	1350
	kg	1565	1565
外形尺寸 (长 × 宽 × 高) Overalldimension(W*H*L)	mm	2060*900*1640	2060*900*1640
	mm	2560*900*1640	2560*900*1640

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C6241/C6250 C6246/C6256
C6246E/6256E 普通车床

CONVENTIONAL LATHE

▶ 主要特点 MAIN FEATURES

本系列车床是通用金属切削机床，适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制和英制和模数和径节螺纹，并能进行钻孔和拉油槽等工作，本系列机床适宜加工铸铁，钢及各种有色金属等材料。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	C6241	C6246	C6246E	C6251	C6256	C6256E
床身上最大回转直径 Swing over bed	mm	410(16")	460(18")	460(18")	510(20")	560(22")	560(22")
横滑板上最大回转直径 Swing over cross slide	mm	220(8-13/16")	270(10-3/4")	270(10-3/4")	305(12")	355(14")	355(14")
马鞍上最大回转直径 Swing over gap	mm	640(25-1/8")	690(27-1/8")	690(27-1/8")	735(28-7/8")	785(30-7/8")	785(30-7/8")
马鞍长度 Gaplength	mm	165(6-1/2'")	165(6-1/2")	165(6-1/2")	170(6-11/16")	170(6-11/16")	170(6-11/16")
最大工件长度 Distance between centers	mm	1000(40")1500(60")2000(80")			1000(40")1500(60")2000(80")		
床身宽度 Bed width	mm	300(11-13/16')			300(11-13/16')		
主轴端部形式 Spindle nose type	-	D1-6		D1-8	D1-8		
主轴孔径 Spindle bore	mm	58(2-1/4")		80(3-1/8")	80(3-1/8")		105(4-1/8")
主轴孔径锥度 Spindle bore taper	-	MT6		MT7	MT7		113(1:20)
主轴转速范围 Spindle speed range	rpm	25-1600			25-1600		25-1500
主轴转速级数 Spindle speed steps	-	12			12		
小刀架行程 Top tool post travel	mm	128(5")			130(5-1/8")		
中拖板行程 Cross slide travel	mm	285(11-1/4")			316(12-7/16")		
刀具尺寸 Tool size	mm	25*25(1"x1")			25*25(1"x1")		
大丝杠螺距 Lead screw threads	T.PL.	6mm or 4 TP.I.			6mm or 4 TPI.		
纵向进给 Longitudinal feeds range	mm/r	42 kinds,0.031-1.7(0.0011"-0.0633")			35kinds,0.059-1.646(0.0022"-0.0612")		
横向进给 Cross feeds range	mm/r	42 kinds,0.014-0.784(0.00033"-0.01837")			42 kinds,0.020-0.573(0.00048"-0.01354")		
公制螺纹种数 Kinds of metric threads	kinds	41			47		41
公制螺纹范围 Range of metric threads	mm	0.1-14			0.2-14		0.1-14
英制螺纹种数 Kinds ofinch threads	kinds	60			60		
英制螺纹范围 Range of inch threads	TP.I	2-112			2-112		
径节螺纹种数 Kinds of metric threads	kinds	50			50		
径节螺纹范围 Range of metric threads	D.P.	4-112			4-112		
模数螺纹种数 Kinds of threads module	kinds	34			34		
模数螺纹范围 Range of threads module	M.P.	0.1-7			0.1-7		
尾座套筒直径 Tailstock quilldiameter	mm	60(2-5/16")			75(2-15/16")		
尾架套筒行程 Tailstock quilltravel	mm	130(5")			180(7-1/16")		
尾座套筒锥孔 Tailstock quilltaper	-	MT4			MT5		
主电机功率 Main motor power	kW	5.5(7.5HP)			7.5(10HP)		
冷却泵电机 Coolant pump motor	kW	0.1(1/8HP)			0.1(1/8HP)		
机床重量 Machine weight	kg	1844	1910	1910	2460	2600	2600
	kg	2049	2115	2115	2550	2690	2690
	kg	2229	2295	2295	2840	2980	2980
	kg				3270	3410	3410
外形尺寸（长×宽×高） Overalldimension(W*H*L)	mm	2250*1120*1620	2250*1120*1620	2250*1120*1620	2450*1190*1740	2450*1190*1740	2450*1190*1740
	mm	2800*1120*1620	2800*1120*1620	2800*1120*1620	2900*1190*1740	2900*1190*1740	2900*1190*1740
	mm	3300*1120*1620	3300*1120*1620	3300*1120*1620	3400*1190*1740	3400*1190*1740	3400*1190*1740
	mm				4400*1190*1740	4400*1190*1740	4400*1190*1740

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CW6163B CW6263B CW6180B/CW6180C CW6280B/CW6280C 重型车床

HEAVY DUTY LATHE

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CW6163B	CW6263B	CW6180B/ CW6180C	CW6280B/ CW6280C
床身上最大回转直径 swing over bed	mm	630		800	
马鞍内最大回转直径 Swing over gap	mm		800		1000
拖板上最大回转直径 Swimg over carriage	mm	350		550(C:480)	
最大工件长度 Max.Length of workpiece	mm	1500/2000/3000		1500/2000/3000	
马鞍槽内有效长度 Effective gap length	mm	550		550(C:600)	
导轨宽度 Guideway width	-	3		3	
床身承重范围 Max.load capacity	mm	104		104	
主轴孔径 Spindle bore	—	Metric ϕ120/MT5		Metric ϕ120/MT5	
主轴内孔锥度 Spindle taper	—	A2-11		A2-11	
主轴鼻端型号 Spindle nose type	—	FWD.18 steps		FWD.18 steps	
主轴转速级数 Step of spindle speed	—	7.5-1000		6-800(C:5.4-720)	
主轴转速范围 Spindle speed range	rpm	ϕ315 3-jaw manual		ϕ315 3-jaw manual(C:ϕ400 3-jaw manua)	
卡盘尺寸 Chuck size	—	Manual turret 4 position		Manual turret 4 position	
刀具尺寸 Tool shank size	mm	30×30		30×30(C:32*32)	
X 轴行程 X axis travel	mm	320		420	
Z 轴行程 Z axis travel	mm	1350/1850/2850		1350/1850/2850	
X 轴进给级数 / 范围 X axis feed grade/range	mm/r	64/0.05-0.912		64/0.05-0.912	
Z 轴进给级数 / 范围 Z axis feed grade/range	mm/r	64/0.1-24.3		64/0.1-24.3	
X 轴快速进给速度 X axis rapid traverse	mm/ min	2300		2300	
Z 轴快速进给速度 Z axis rapid traverse	mm/ min	4000		4000	
公制螺纹 Metric thread	mm	50/1-240		50/1-240	
英制螺纹 Inch thread	T.P.I	26/14-1		26/14-1	
模数螺纹等级 / 范围 Module thread grade/range	mm	53/0.5-120		53/0.5-120	
DP 线程级 / 范围 DP thread grade/range	D.P.	24/28-1		24/28-1	
尾座套筒直径 Tailstock quill diameter	mm	ϕ100		ϕ100	
尾座套筒锥孔 Tailstock quill taper		MT5		MT5	
尾座套筒行程 Tailstock quill travel	mm	250		250	
主轴电机 Main spindle motor	kW	11		11	
快速进给电机 Rapid traverse motor	kW	1.1		1.1	
冷却泵电机 Coolant pump motor	kW	0.125		0.125	
宽 x 高 Width x Height	mm	1400×1450		1500×1450(C:1550*1650)	
长度 Length	mm	3800/4300/5300		3800/4300/5300(C:4000/4500/5500)	
机器净重 Net weight	T	3.8/4.2/4.9 3.7/4.1/4.8		4.0/4.5/5.2 3.9/4.4/5.1	

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▶ 主要特点 MAIN FEATURES

本系列车床是通用金属切削机床，适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制和英制和模数和径节螺纹，并能进行钻孔和拉油槽等工作，本系列机床适宜加工铸铁，钢及各种有色金属等材料。

CW series lathe machine is universal metal machining equipment for metal processing, mainly used for turning the internal and external cylindrical surface,conical surface and other rotating surfaces,and turning internal and external pipe threads such as metric,inch, module, DP threads etc., meanwhile this series is also used to drill holes in bar material and make oil groove,this series lathe is able to process metal materials including cast iron, steel and non-ferrous metals.

CW6163E CW6263E CW6180E CW6280E
重型车床
HEAVY DUTY LATHE

▶ 主要特点 MAIN FEATURES

本系列车床是通用金属切削机床，适用于车削内外圆柱面，圆锥面及其它旋转面，车削各种公制和英制和模数和径节螺纹，并能进行钻孔和拉油槽等工作，本系列机床适宜加工铸铁，钢及各种有色金属等材料。

CW series lathe machine is universal metal machining equipment for metal processing, mainly used for turning the internal and external cylindrical surface,conical surface and other rotating surfaces,and turning internal and external pipe threads such as metric,inch, module, DP threads etc., meanwhile this series is also used to drill holes in bar material and make oil groove,this series lathe is able to process metal materials including cast iron, steel and non-ferrous metals.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CW6163E	CW6263E	CW6180E	CW6280E
床身上最大回转直径 Swing over bed	mm	630		800	
马鞍内最大回转直径 Swing over gap	mm	800		1000	
拖板上最大回转直径 Swimg over carriage	mm	350		520	
最大工件长度 Max.Length of workpiece	mm	1500/2000/3000/4000/5000/6000		1500/2000/3000/4000/5000/6000	
导轨宽度 Guideway width	mm	550		550	
床身承重范围 Max.load capacity	T	3		3	
主轴孔径 Spindle bore	mm	105		105	
主轴内孔锥度 Spindle taper	—	Metric φ120/MT6		Metric φ120/MT5	
主轴鼻端型号 Spindle nose type	—	C11		C11	
主轴转速级数 Step of spindle speed	—	正转 18 档 /FWD.18 steps		正转 18 档 /FWD.18 steps	
主轴转速范围 Spindle speed range	rpm	7.5-1000		6-800	
卡盘 Chuck	mm	φ315 手动三爪 /φ315 3-jaw manual		φ315 手动三爪 /φ315 3-jaw manual	
刀架类型 Turret/tool post	—	4 工位手动刀架 Manual turret 4 position		4 工位手动刀架 Manual turret 4 position	
刀具尺寸 Tool shank size	mm	30×30		30×30	
X 轴行程 X axis travel	mm	320		420	
Z 轴行程 Z axis travel	mm	1250/1750/2750/3750/4750/5750		1250/1750/2750/3750/4750/5750	
X 轴进给级数 / 范围 X axis feed grade/range	mm/r	64/0.05-12.15		64/0.05-12.15	
Z 轴进给级数 / 范围 Z axis feed grade/range	mm/r	64/0.1-24.3		64/0.1-24.3	
X 轴快速进给速度 X axis rapid traverse	mm/min	2300		2300	
Z 轴快速进给速度 Z axis rapid traverse	mm/min	4000		4000	
公制螺纹 Metric thread	mm	50/1-240		50/1-240	
英制螺纹 Inch thread	T.P.I	26/14-1		26/14-1	
尾座套筒直径 Tailstock quill diameter	mm	φ100		φ100	
尾座套筒锥孔 Tailstock quill taper		MT6		MT6	
尾座套筒行程 Tailstock quill travel	mm	250		250	
主轴电机 Main spindle motor	kW	11		11	
快速进给电机 Rapid traverse motor	kW	1.1		1.1	
冷却泵电机 Coolant pump motor	kW	0.125		0.125	
机器净重 Net weight	T	3.8/4.2/4.9/ 5.6/6.3/7.0	3.7/4.1/4.8/ 5.5/6.2/6.9	4.1/4.5/5.2/ 5.9/6.6/7.3	4.0/4.4/5.1/ 5.8/6.5/7.2
外形尺寸 (宽 x 高)Overall dimension(W*H)	mm	1400*1450		1500*1630	
外形尺寸 (长)Overall dimension(L)	mm	3800/4300/5300/6300/7300/8300		3800/4300/5300/6300/7300/8300	

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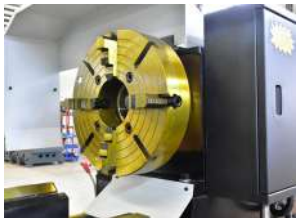
CW6180B CW61110Q CW61125Q
600mm 导轨宽系列普通卧式车床

600MM GUIDEWAY WIDTH SERIES GENERAL HORIZONTAL LATHE



▶ 主要特点 MAIN FEATURES

床身设计：加重新型整体床身，刚性足，运行稳定，排屑流畅，导轨宽 1100mm。
结构设计：有限元法设计，高刚性、低热变形、高主轴转速、低温升、低振动、快移，达国际先进水平。
加工精度：先进设计及工艺，高精度及长期保持性，稳定达 IT6-IT7 级，表面粗糙度 Ra1.6um。
关键零件加工：床身、床头箱、床鞍、尾座等关键件采用先进设备加工，确保高精度。
模块化设计：支持多种配置（主轴、刀架、尾座等）及特殊卡具、刀具，满足多样化需求。
主传动系统：手动四档变速，优化后更稳固，主轴通孔 130mm，外置油箱及浴式润滑，润滑充分，减少发热影响。

Bed design: weighted new integral bed, rigid enough, stable operation, smooth chip removal, guide rail width 1100mm.
Structural design: Finite element method design, high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration, fast shift, up to the international advanced level.
Machining accuracy: advanced design and technology, high accuracy and long-term maintainability, stable up to IT6-IT7 level, surface roughness Ra1.6um.
Key parts processing: bed, head box, bed saddle, tailstock and other key parts are processed by advanced equipment to ensure high precision.
Modularized design: support a variety of configurations (spindle, tool holder, tailstock, etc.) and special clamps and tools to meet diversified needs.
Main transmission system: manual four-speed, optimized to be more stable, spindle through-hole 130mm, external oil tank and bath lubrication, sufficient lubrication and reduce the effect of heat generation.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CW6180B	CW61110Q	CW61125Q
床身最大回转直径 Max.swing diameter over bed	mm	φ800	φ1100	φ1250
滑板上最大回转直径 Max.swing over cross slide	mm	φ480	φ780	φ930
最大切削直径 Max.cutting diameter	mm	φ800	φ1100	Φ1250
最大工件长度 Max.protessing length	mm	1500/2000/3000/4000/5000/6000/8000		
最大切削长度 Max.cutting length	mm	1350/1850/2850/3850/4850/5850/7850		
最大通过棒料直径 Max.diameter through the bar	mm	φ100(可定制 φ130 customizable φ130)		
床脚结构 Bed foot structure	—	整体床身 Integral bed		
导轨宽度 Guideway width	mm	600		
主轴转速 Spindle speed	r/min	5.4 -720		
主电机功率 Main spindle motor	KW	11		
主轴端部型号 Spindle nose type	ISO	A2-11		
主轴通孔直径 Spindle bore	mm	φ104(可定制 φ130 customizable φ130)		
主轴锥孔规格 Spindle taper hole specification	—	φ120(1:20)		
主轴转速级数	—	18 种 18species		
主轴轴承 Main spindle bearing	—	NN3032K/P5 NN3026K/P5234432BM/P56028/P5/(φ130) 用 NNU4938/P5 NNU4932/P551140M/P516034M/P5		
主轴中心至地面高度 Height from spindle center to ground	mm	1150	1300	1375
中拖板行程	mm	420	550	625
大拖板快速移动 Large tractor plate fast moving	mm	4000		
快速电机功率 Rapid motor power	kW	1.1		
纵进给量级数和范围 Number of longitudinal feed steps and range	mm/r	64 种 0.06-24.3 64 species 0.06-24.3		
横向进给量和纵进给量的比率 Ratio of transverse and longitudinal feeds	—	1/2		
机床丝杠螺距 Machine screw pitch	mm	12(公制 Metric)		
螺纹车削公制螺纹 Thread turning metric threads	mm	50 种 1-240 另有 14 种非标螺纹 (44 species 1-120 Another 14 types of non-standard threads)		
英制螺纹 Inch threads	t.p.i	26 种 14-1 (26 species 14-1)		
模数螺纹 Modular threads	mm	53 种 0.5-120 (53 species 0.5-120)		
径节螺纹 Pitch threads	Dp	24 种 28-1 (24 species 28-1)		
尾架套筒直径 / 行程 Tailstock quill diameter/travel	mm	120/250		
套筒锥孔规格 Tailstock quill taper	—	莫氏 6# MT6		
套筒驱动方式 Sleeve drive system	—	手动 Manual		
尾座驱动 Tailstock drive	—	手动 Manual		
刀架形式 Turret type	—	202X202 立式 4 工位 Vertical 4 station		
外圆车刀刀柄规格 External turning tool shank specification	mm	32×32		
刀架最大行程 Max. travel of tool holder	mm	200		
加工工件圆度 Roundness of workpiece	—	0.01mm/φ100		
加工工件平面度 Flatness of workpiece	—	0.03mm/φ300mm		
卡盘直径 (手动) Chuck diameter (manual)	mm	φ630 四爪单动卡盘 Four-jaw single-action chucks	φ800 四爪单动卡盘 Four-jaw single-action chucks	φ1000 四爪单动卡盘 Four-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	mm	2000 以上规格带中心架 φ50-φ350 跟刀架 φ30-φ160 Above 2000 specifications with Steady rest φ50-φ350 and Follow restφ30-φ160		
电气总容量 Total electrical capacity	KVA	30		
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	3650×1500×1600(1500) 4150×1500×1600(2000) 5150×1500×1600(3000) 6150×1500×1600(4000) 7150×1500×1600(5000) 8150×1500×1600(6000) 10150×1500×1600(8000)	3650×1650×1750(1500) 4150×1650×1750(2000) 5150×1650×1750(3000) 6150×1650×1750(4000) 7150×1650×1750(5000) 8150×1650×1750(6000) 10150×1650×1750(8000)	650×1700×1850(1500) 4150×1700×1850(2000) 5150×1700×1850(3000) 6150×1700×1850(4000) 7150×1700×1850(5000) 8150×1700×1850(6000) 10150×1700×1850(8000))
机床重量 Machine weight	kg	4800(1500) 5100(2000) 5700(3000) 6500(4000) 7200(5000) 7900(6000) 9100(8000)	5300(1500) 5600(2000) 6200 (3000) 7000(4000) 7700(5000) 8400(6000) 9600(8000)	5700(1500) 6000(2000) 6600 (3000) 7400(4000) 8100(5000) 8700(6000) 9900(8000)

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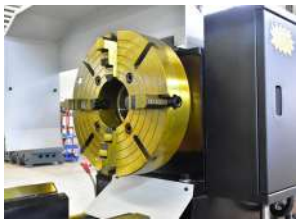
CW61125B CW61160B

755mm 导轨宽系列普通卧式车床

755MM GUIDEWAY WIDTH SERIES GENERAL HORIZONTAL LATHE



▶ 主要特点 MAIN FEATURES

床身设计：加重新型整体床身，刚性足，运行稳定，排屑流畅，导轨宽 755mm。
结构设计：有限元法设计，高刚性、低热变形、高主轴转速、低温升、低振动、快移，达国际先进水平。
加工精度：先进设计及工艺，高精度及长期保持性，稳定达 IT6-IT7 级，表面粗糙度 Ra1.6um。
关键零件加工：床身、床头箱、床鞍、尾座等关键件采用先进设备加工，确保高精度。
模块化设计：支持多种配置（主轴、刀架、尾座等）及特殊卡具、刀具，满足多样化需求。
主传动系统：手动四档变速，优化后更稳固，主轴通孔 130mm，外置油箱及浴式润滑，润滑充分，减少发热影响。

Bed design: weighted new integral bed, rigid enough, stable operation, smooth chip removal, guide rail width 755mm.
Structural design: Finite element method design, high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration, fast shift, up to the international advanced level.
Machining accuracy: advanced design and technology, high accuracy and long-term maintainability, stable up to IT6-IT7 level, surface roughness Ra1.6um.
Key parts processing: bed, head box, bed saddle, tailstock and other key parts are processed by advanced equipment to ensure high precision.
Modularized design: support a variety of configurations (spindle, tool holder, tailstock, etc.) and special clamps and tools to meet diversified needs.
Main transmission system: manual four-speed, optimized to be more stable, spindle through-hole 130mm, external oil tank and bath lubrication, sufficient lubrication and reduce the effect of heat generation.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CW61125B	CW61160B
床身最大回转直径 Max.swing diameter over bed	mm	φ1250	φ1600
滑板上最大回转直径 Max.swing over cross slide	mm	φ860	φ1210
最大切削直径 Max.cutting diameter	mm	φ1250	φ1600
最大工件长度 Max.protessing length	mm	1500/2000/3000/4000/5000/6000/8000/10000 订做最长至 20000(Customizable up to 20000)	
最大切削长度 Max.cutting length	mm	1300/1800/2800/3800/4800/5800/7800/9800	
最大通过棒料直径 Max.diameter through the bar	mm	φ130	
床脚结构 Bed foot structure	—	整体床身 Integral bed	
导轨宽度 Guideway width	mm	755	
主轴转速 Spindle speed	r/min	3.15-315	
主电机功率 Main spindle motor	KW	18/6 级 (Level 6)	
主轴端部型号 Spindle nose type	ISO	A2-15	
主轴通孔直径 Spindle bore	mm	φ130	
主轴锥孔规格 Spindle taper hole specification	—	φ140(1:20)	
主轴正转转速级数 Number of positive spindle speed stages	—	21 种 3.15—315（21species 3.15—315）	
主轴反转转速级数 Number of spindle reversing speed stages	—	12 种 3.5—278（12 species 3.5—278）	
主轴轴承 Main spindle bearing	—	NN3040K/P5 NN3034K/P551144M/P512736/P5	
主轴中心至地面高度 Height from spindle center to ground	mm	1325	1500
中拖板行程 Center Tow Plate Stroke	mm	700	800
大拖板快速移动 Large tractor plate fast moving	mm	4000	
快速电机功率 Rapid motor power	kW	1.5	
纵进给量级数和范围 Number of longitudinal feed steps and range	mm/r	64 种 0.06-24.3 64 species 0.06-24.3	
横向进给量和纵进给量的比率 Ratio of transverse and longitudinal feeds	—	1/2	
上刀架进给量和纵向进给量的比率 Ratio of upper tool holder feed to longitudinal feed	—	1/4	
机床丝杠螺距 Machine screw pitch	mm	12(公制 Metric)	
螺纹车削公制螺纹 Thread turning metric threads	mm	44 种 1-120（44 species 1-120 ）	
英制螺纹 Inch threads	t.p.i	31 种 24-1/4（31 species 24-1/4）	
模数螺纹 Modular threads	mm	45 种 0.5-60（45 species 0.5-60）	
径节螺纹 Pitch threads	Dp	38 种 1/2-56（38 species 1/2-56）	
尾架套筒直径 / 行程 Tailstock quill diameter/travel	mm	160/300	
套筒锥孔规格 Tailstock quill taper	—	公制 Metric 80	
套筒驱动方式 Sleeve drive system	—	手动 Manual	
尾座驱动 Tailstock drive	—	电动 electric powered	
刀架形式 Turret type	—	260X260 立式 4 工位 Vertical 4 station	
外圆车刀刀柄规格 External turning tool shank specification	mm	45×45	
刀架最大行程 Max. travel of tool holder	mm	350	
加工工件圆度 Roundness of workpiece	—	0.01mm/φ100	
加工工件平面度 Flatness of workpiece	—	0.03mm/φ300mm	
卡盘直径 (手动) Chuck diameter (manual)	mm	φ1000 四爪单动卡盘 Four-jaw single-action chucks	φ1250 四爪单动卡盘 Four-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	mm	3000 以上规格带中心架 φ150-φ600 跟刀架 φ50-φ260 Above 3000 specifications with Steady restφ150-φ600 and Follow rest φ50-φ260	
电气总容量 Total electrical capacity	KVA	50	
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	4600×1900×1900(1500) 5100×1900×1900(2000) 6100×1900×1900(3000) 7100×1900×1900(4000) 8100×1900×1900(5000) 9100×1900×1900(6000) 11100×1900×1900(8000) 13100×1900×1900(10000)	4600×1950×2100(1500) 5100×1950×2100(2000) 6100×1950×2100(3000) 7100×1950×2100(4000) 8100×1950×2100(5000) 9100×1950×2100(6000) 11100×1950×2100(8000) 13100×1950×2100(10000)
机床重量 Machine weight	kg	9800(1500) 10300(2000) 11500(3000) 12600(4000) 13700(5000) 14800(6000) 17000(8000) 18800(10000)	10800(1500) 11300(2000) 12500(3000) 13600(4000) 14700(5000) 15800(6000) 18000(8000) 19600(10000)

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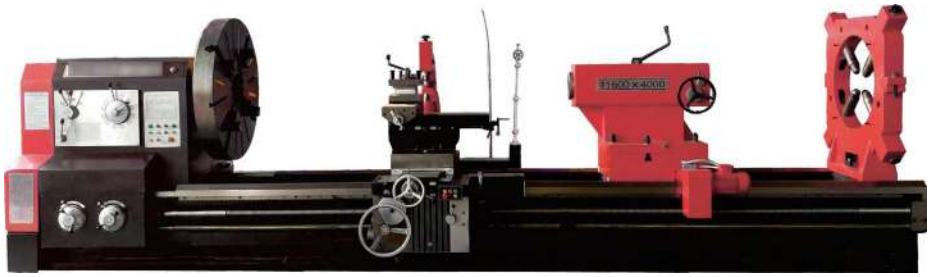
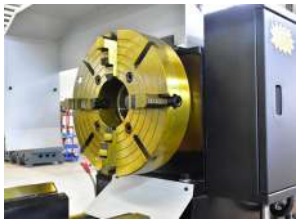
CW61160 CW61180 CW61200
1100mm 导轨宽系列普通卧式车床

1100MM GUIDEWAY WIDTH SERIES GENERAL HORIZONTAL LATHE





▶ 主要特点 MAIN FEATURES

床身设计：加重新型整体床身，刚性足，运行稳定，排屑流畅，导轨宽 1100mm。
结构设计：有限元法设计，高刚性、低热变形、高主轴转速、低温升、低振动、快移，达国际先进水平。
加工精度：先进设计及工艺，高精度及长期保持性，稳定达 IT6-IT7 级，表面粗糙度 Ra1.6um。
关键零件加工：床身、床头箱、床鞍、尾座等关键件采用先进设备加工，确保高精度。
模块化设计：支持多种配置（主轴、刀架、尾座等）及特殊卡具、刀具，满足多样化需求。
主传动系统：手动四档变速，优化后更稳固，主轴通孔 130mm，外置油箱及浴式润滑，润滑充分，减少发热影响。

Bed design: weighted new integral bed, rigid enough, stable operation, smooth chip removal, guide rail width 1100mm.
Structural design: Finite element method design, high rigidity, low thermal deformation, high spindle speed, low temperature rise, low vibration, fast shift, up to the international advanced level.
Machining accuracy: advanced design and technology, high accuracy and long-term maintainability, stable up to IT6-IT7 level, surface roughness Ra1.6um.
Key parts processing: bed, head box, bed saddle, tailstock and other key parts are processed by advanced equipment to ensure high precision.
Modularized design: support a variety of configurations (spindle, tool holder, tailstock, etc.) and special clamps and tools to meet diversified needs.
Main transmission system: manual four-speed, optimized to be more stable, spindle through-hole 130mm, external oil tank and bath lubrication, sufficient lubrication and reduce the effect of heat generation.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CW61100G	CW61140G	CW61160G
床身最大回转直径 Max.swing diameter over bed	mm	φ1600	φ1800	φ2000
滑板上最大回转直径 Max.swing over cross slide	mm	φ1180	φ1380	φ1580
最大切削直径 Max.cutting diameter	mm	φ1600	φ1800	φ2000
最大工件长度 Max.protessing length	mm	1500/2000/3000/4000/5000/6000/8000/10000 可订做最长至 20000(Customizable up to 20000)		
最大切削长度 Max.cutting length	mm	1300/1800/2800/3800/4800/5800/7800/9800		
最大通过棒料直径 Max.diameter through the bar	mm	φ130		
床脚结构 Bed foot structure	—	整体床身 Integral bed		
导轨宽度 Guideway width	mm	1100		
主轴转速 Spindle speed	r/min	2-200		
主电机功率 Main spindle motor	KW	22/6 级 (Level 6)		
主轴端部型号 Spindle nose type	ISO	A2-15		
主轴通孔直径 Spindle bore	mm	φ130		
主轴锥孔规格 Spindle taper hole specification	—	φ140(1:20)		
主轴正转转速级数 Number of positive spindle speed stages	—	21 种 2 — 200 （21species2 — 200）		
主轴反转转速级数 Number of spindle reversing speed stages	—	12 种 2.25—178 （12species2.25—178）		
主轴轴承 Main spindle bearing	—	NN3040K/P5 NN3034K/P551144M/P512736/P5		
主轴中心至地面高度 Height from spindle center to ground	mm	1450	1550	1650
X 轴行程 X axis travel	mm	800	900	1000
大拖板快速移动 Large tractor plate fast moving	mm	3740		
快速电机功率 Rapid motor power	kW	1.5		
纵进给量级数和范围 Number of longitudinal feed steps and range	mm/r	64 种 0.06-24.3 64 species 0.06-24.3		
横向进给量和纵进给量的比率 Ratio of transverse and longitudinal feeds	—	1/2		
上刀架进给量和纵向进给量的比率 Ratio of upper tool holder feed to longitudinal feed	—	1/4		
机床丝杠螺距 Machine screw pitch	mm	12(公制 Metric)		
螺纹车削公制螺纹 Thread turning metric threads	mm	44 种 1-120 （44 species 1-120 ）		
英制螺纹 Inch threads	t.p.i	31 种 24-1/4 （31 species 24-1/4）		
模数螺纹 Modular threads	mm	45 种 0.5-60 （45 species 0.5-60）		
径节螺纹 Pitch threads	Dp	38 种 1/2-56 （38 species 1/2-56）		
尾架套筒直径 / 行程 Tailstock quill diameter/travel	mm	240/300(1000-3000)265 内置顶尖 Built-in tops/300(4000 以上 Above4000)		
套筒锥孔规格 Tailstock quill taper	—	公制 Metric 100(1000-3000) 公制 Metric 80(4000 以上 Above4000)		
套筒驱动方式 Sleeve drive system	—	手动 Manual		
尾座驱动 Tailstock drive	—	电动 electric powered		
刀架形式 Turret type	—	260X260 立式 4 工位 Vertical 4 station		
外圆车刀刀柄规格 External turning tool shank specification	mm	45×45		
刀架最大行程 Max. travel of tool holder	mm	350		
上刀架最大行程 Max. stroke of upper tool holder	mm	200		
加工工件圆度 Roundness of workpiece	—	0.01mm/φ100		
加工工件平面度 Flatness of workpiece	—	0.03mm/φ300mm		
卡盘直径 (手动) Chuck diameter (manual)	mm	φ1250 四爪单动卡盘 Four-jaw single-action chucks	φ1400 四爪单动卡盘 Four-jaw single-action chucks	φ1600 四爪单动卡盘 Four-jaw single-action chucks
中心架、跟刀架 Steady rest, Follow rest	mm	3000 以上规格带中心架 φ200-φ800 跟刀架 φ50-φ260 Above 3000 specifications with Steady rest φ200-φ800 and Follow rest φ50-φ260		
电气总容量 Total electrical capacity	KVA	60		
机床外形尺寸 (长 X 宽 X 高) Machine dimension (L*W*H)	mm	4900×2350×2300(1500) 5400×2350×2300(2000) 6400×2350×2300(3000) 7650×2350×2300(4000) 8650×2350×2300(5000) 9650×2350×2300(6000) 11650×2350×2300(8000) 13650×2350×2300(10000)	4900×2350×2400(1500) 5400×2350×2400(2000) 6400×2350×2400(3000) 7650×2350×2400(4000) 8650×2350×2400(5000) 9650×2350×2400(6000) 11650×2350×2400(8000) 13650×2350×2400(10000)	4900×2350×2500(1500) 5400×2350×2500(2000) 6400×2350×2500(3000) 7650×2350×2500(4000) 8650×2350×2500(5000) 9650×2350×2500(6000) 11650×2350×2500(8000) 13650×2350×2500(10000)
机床重量 Machine weight	kg	18500(1500)19200(2000) 21000 (3000)22000(4000) 23000(5000)24000(6000) 26200(8000)28200(10000)	19500(1500)20200(2000) 22000(3000)23000(4000) 24000(5000)25000(6000) 27200(8000)29200(10000)	20500(1500)21200(2000) 23000 (3000)24000(4000) 25000(5000)26000(6000) 28200(8000)30200(10000)

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Q1313 Q1319 Q1322 Q1325 管子螺纹车床

PIPE THREAD LATHE

▶ 主要特点 MAIN FEATURES

本系列管螺纹车床主要用来加工管子内外螺纹，同时也可作为普通车床使用，可对轴类、盘类进行外圆、内孔和端面等的加工，机床配有锥度装置，可加工带锥度的工件；该机床广泛应用于石油行业对钻杆、接头、套管等零件的加工和修复，同时也应用于化工、煤炭、地质等行业各种管道、钻杆等的螺纹加工。

Q13 series pipe threading lathe mainly used for tuning the internal and external threads including metric and inch thread,as well as having all the common functions of normal engine lathe such as processing the inner bore, end face of shafts anddisks,this series is equipped with taper guide bar device which enables this series to process taper thread,this series is widelyused in industries including petroleum exploiting.minerals mining.chemical piping and geological prospecting.for processingand repalring drilling pipe,drilling rod, thread coupling and so on.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Q1313	Q1319	Q1322	Q1325
床身上最大回转直径 Swing over bed	mm	630/800	630/800	630/800	800
拖板上最大回转直径 Swing over cross slide	mm	340/540	340/540	340/540	480
最大工件长度 Distance between centers	mm	1500/3000	1500/3000	1500/3000	1500/3000
加工管螺纹直径范围 Pipe threading range	mm	30-126	50-193	50-220	50-250
导轨宽度 Guideway width	mm	550	550	550	600
最大承重范围 Max.load capacity	T	3	3	3	4
主轴孔径 Spindle bore	mm	130	200	225	255
主轴转速级数 Spindle speed steps	—	FWD.18 REV.9	4 档变频 VF.4 steps		
主轴转速范围 Spindle speed range	rpm	30-650	20-380	20-380	20-480
卡盘规格 Chuck	mm	3-jaw manual	4-jaw manual		
刀架类型 Turret/tool post	—	4 工位刀架 Manual 4 position			
刀具尺寸 Tool shank size	mm	30×30	32×32	32×32	32×32
X 轴行程 X axis travel	mm	320/420	320/420	320/420	420
Z 轴行程 Z axis travel	mm	1350/2850	1350/2850	1350/2850	1350/2850
X 轴进给等级 / 范围 X axis feed grade/range	mm/r	22/0.02-0.45	22/0.02-0.45	22/0.02-0.45	22/0.02-0.45
Z 轴进给等级 / 范围 Z axis feed grade/range	mm/r	26/0.07-1.33	26/0.07-1.33	26/0.07-1.33	26/0.07-1.33
X 轴快速给进速度 X axis rapid traverse	mm/min	2300	2300	2300	2300
Z 轴快速给进速度 Z axis rapid traverse	mm/min	4000	4000	4000	4000
公制螺纹等级 / 范围 Metric thread grade/range	mm	52/1-24	1-15	1-15	1-15
英制螺纹等级 / 范围 Inch thread grade/range	T.P.I	40/28-2	14-1	14-1	14-1
尾座套筒直径 Tailstock quill diameter	mm	100	100	100	100
尾座套筒锥孔 Tailstock quill taper	mm	MT5	MT5	MT5	MT5
尾座套筒行程 Tailstock quill travel	mm	250	250	250	250
主轴电机 Main spindle motor	kW	11	11	11	15
快速给进电机 Rapid traverse motor	kW	0.3	0.3	0.3	1.1
冷却泵电机 Coolant pump motor	kW	0.125	0.125	0.125	0.125
宽 x 高 Width x Height	mm	1500×1500	1550×1550	1650×1550	1700×1600
长 Length	mm	3700/5200	3700/5200	3700/5200	4100/5600
净重 Net weight	T	4.0/5.2	4.3/5.5	4.5/5.7	8.0/9.0

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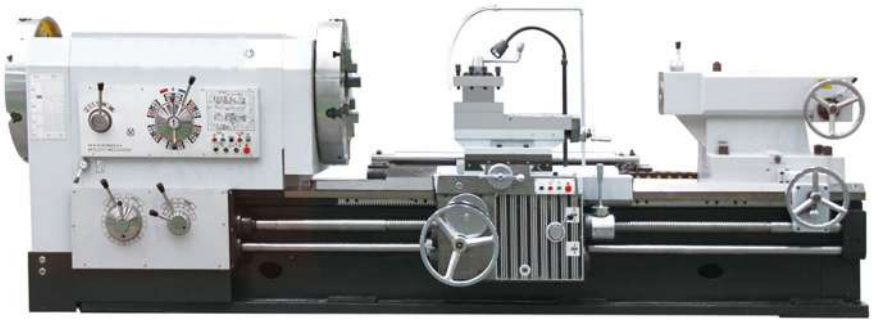
Q13 系列 (550/600/755 导轨)
普通管螺纹车床

PIPE THREAD LATHE（550/660/755 GUIDEWAY）



▶ 主要特点 MAIN FEATURES

本系列斜床身数控车床是高精度、高效率的斜床身自动化机床，配备多工位伺服或动力刀塔等先进配置，能够加工直线圆柱、斜线圆柱、圆弧和各种螺纹，并且能够加工蜗杆等复杂工件，具有编程简单、结构可靠、操作方便和自动化程度高等特点，是油管等管件加工领域常用的高效率数 控 加 工 设 备。

Slant bed CNC pipe threading lathe series is the new type automatic lathe with high precision and high efficiency,it equips with advanced accessories such as servo or power turret etc.,this series lathe is capable of processing arc,straight and oblique cylinder workpiece,as well as turning threads etc., it is also used as normal cnc lathe to turn the internal and external cylindrical surface,conical surface and other rotating surfaces etc.

主轴孔径大、通过性高，前后双气动卡盘工件夹持稳定、加工效率高
树脂砂工艺铸造整体床身，经时效处理，外形美观、刚性好、精度高
采用高品质刮屑板防导轨刮伤，导轨面使用贴塑，耐磨性好、精度高
采用 45°斜床身和高频淬火硬轨，以保证高强度切削的稳定性和精度

Big spindle bore and double chuck to ensure process big diameter pipe
Double pneumatic chucks ensure hold workpiecestable and efficiency
One-piece bed adopts high strength iron to ensure rigidity and precision
Ultrasonic frequency quenched guide-ways ensure good wear-resistance
Carriage and guide-way contact surface use Turcite B to maintain accuracy

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	Q1313C	Q1319C	Q1322C	Q1325C	Q1327C	Q1327	Q1332	Q1338	Q1343	Q1350
床身上最大回转直径	Swing over bed	mm	630/800	630/800	630/800	800	800	1000	1000	1000	1000	1200
横滑板上最大回转直径	Swing over cross slide	mm	340/520	340/520	340/520	480	480	610	610	610	610	710
y 最大工件长度	Distance between centers	mm	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000
加工管螺纹直径范围	Pipe threading range	mm	30-126	50-193	50-220	50-250	50-270	130-273	190-320	190-380	270-430	330-510
床身导轨宽度	Guideway widcth	mm	550	550	550	600	600	755	755	755	755	765
床身承重范围	Max load capacity		3	3	3	4	4	6	6	6	6	6
主轴孔径范围	Spindle bore	mm	130	206	225	255	280	280	330	390	440	520
主轴转速级数	Spindle speed steps	-	正转 18 档 / 反转 9 档 FWD.18 steps/REV. 9steps	4 档变频 NF.4 steps		4 档变频 NF.4 steps		正转 12 档 FWD.12 steps	正转 9 档 FWD.9steps	正转 9 档 FWD.9steps	正转 9 档 FWD.9 steps	正转 9 档 FWD.9 steps
主轴转速范围	Spindle speed range	rpm	6-800	20-500		25-350		16-380	7.5-280	6-205	4.9-180	6-205
卡盘规格	Chuck	mm	ф400 手动三爪 3-jaw manual	ф520 手动四爪 /4-jaw manual		ф630 手动四爪 4-jaw manual	ф680 手动四爪 4-jaw manual	ф800 手动四爪 4-jaw manual	ф780 电动四爪 4-jaw electric	ф850 电动四爪 4-jaw electric	ф1000 电动四爪 /4-jaw electric	
刀架类型	Turret/tool post		4 工位刀架 Manual 4 position			4 工位刀架 Manual 4 positon		4 工位刀架 /Manual 4 positon				
刀具尺寸	Tool shank size	mm	32x32	32x32	32×32	32×32	32×32	45×45	45×45	45×45	45×45	45×45
X 轴行程	X-axis travel	mm	320/420	320/420	320/420	420	420	520	520	520	520	520
Z 轴行程	Z-axs travel	mm	1350/2850	1350/2850	1350/2850	1250/2750	1250/2750	1250/2750	1250/2750	1250/2750	1250/2750	1250/2750
X 轴进给级数范 / 围	X-axis feed grade/range	mm/r	64/0.1-1.52	32/0.0475-0.72	32/0.0475-0.72	32/0.0475-0.72	32/0.0475-0.72	40/0.05-1.5	32/0.05-0.75	32/0.05-0.75	32/0.05-0.75	32/0.05-0.75
Z 轴进给级数 / 范围	Z-axis feed grade/range	mm/r	64/1.6-24.32	32/0.095-1.44	32/0.095-1.44	32/0.095-1.44	32/0.095-1.44	40/0.1-3	32/0.1-1.5	32/0.1-1.5	32/0.1-1.5	32/0.1-1.5
区轴快速进给速度	X-axis rapid traverse	mm/min	2300	2300	2300	2300	2300	1870	1870	1870	1870	1870
Z 轴快速进给速度	Z-axis rapid traverse	mm/mn	4000	4000	4000	4000	4000	3740	3740	3740	3740	3740
公制螺纹种类 / 范围	Metric thread grade/range	mm	50/1-240	22/1-15	22/1-15	22/1-15	22/1-15	30/1-30	23/1-15	23/1-15	23/1-15	23/1-15
英制螺纹种类范围	Inch thread grade/range	T.P.I	26/14-1	26/14-1	26/14-1	26/14-1	26/14-1	27/28-1	22/28-2	22/28-2	22/28-2	22/28-2
尾座套筒直径	Tailstock quil dameter	mm	ф100	ф100	ф100	ф120	ф120	ф160	ф160	ф160	ф160	ф160
尾座套筒锥度	Tailstock quil taper		MT6	MT6	MT6	MT6	MT6	MT6	MT6	MT6	MT6	MT6
尾座套筒行程	Tailstock quil travel	mm	250	250	250	250	250	300	300	300	300	300
主轴电机	Main spindle motor	kW	11	11	11	15	15	22	22	22	22	22
快速进给电机	Rapid traverse motor	kW	0.3	0.3	0.3	1.1	1.1	1.5	1.5	1.5	1.5	1.5
冷却泵电机	Coolant pump motor	kW	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
宽度 W x 高度 H	Width x Height	mm	1500×1500	1550×1550	1650×1550	700×1600	1700×1600	2100×1600	2100×1650	2100×1700	2100×1700	2100×1850
长度 L	Length	mm	3700/5200	3700/5200	3700/5200	4100/5600	4100/5600	4800/6300	4900/6400	4900/6400	5000/6500	5000/6500
机器净重	Net weight	T	4.0/52	4.3/5.5	4.5/5.7	8.0/9.0	8.0/9.0	10.0/11.5	11.5/13.0	12.8/14.3	13.0/14.5	15.0/16.5

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X5028 XQ5032 X5036B X5036B-1

立式铣床

VERTICAL MILLING MACHINE

▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways,T-slots, dovetail grooves,etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X5028	XQ5032	X5036B	X5036B-1
工作台尺寸 Table size	mm	1200*280	1500*320	1500*360	1500*360
工作台行程 (X/Y) Table travel(X/Y)	mm	650/320/350	800/300/320	800/320/450	1000/320/450
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch)	-	3-14*50	3-16*70	3-18*80	3-18*80
主轴锥度 Spindle taper	-	ISO 407:24	ISO 507:24	ISO 507:24	ISO 507:24
主轴转速范围 (级数) Spindle speed range(steps)	rpm	40-1300(12)	40-1300(12)	60-1700(12)	60-1700(12)
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	50-400	50-400	60-540	60-540
主轴中心到立柱表面距离 Distance from spindle center to column surface	mm	320	320	360	360
主电机功率 Main motor power	KW	3	4	4	4
机床重量 Machine Weight	kg	1500	2200	2700	2700
外形尺寸 (长 X 宽 X 高) Overall dimension	mm	1700*1700*1850	2000*1820*2100	2600*2200*2220	2600*2200*2220

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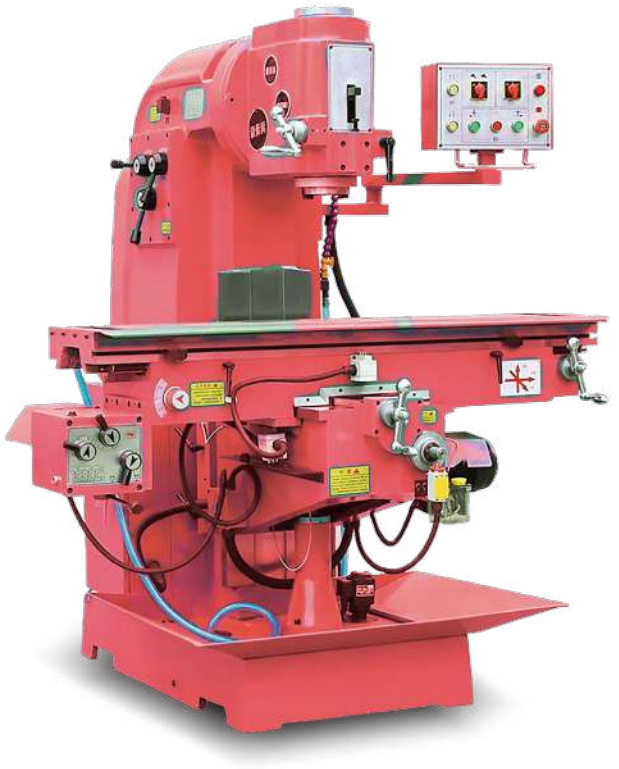
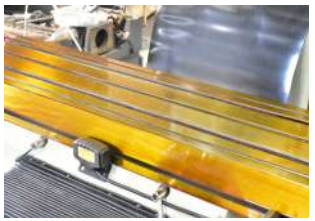
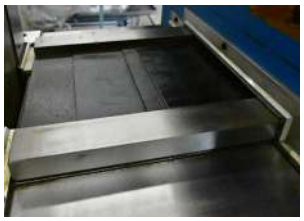
X5032B X5032 X5032BH X5040 立式铣床

VERTICAL MILLING MACHINE







▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways,T-slots, dovetail grooves,etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X5032B	X5032	X5032BH	X5040
工作台尺寸 Table size	mm	1325*320	1600*320	1600*320	1700*400
工作台承重 Table load	kg	500			800
工作台行程 (X/Y) Table travel(X/Y)	mm	700/680 255 /240 370/350	900/880 255 /240 370/350	900/880 255 /240 460/440	900/880 315 /880 385/365
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch	–	3-18*70			3-18*90
工作台进给范围 Table feed range	mm/min	XY23.5-1180 Z:8-394			
工作台快移速度 Table rapid traverse	mm/min	XY2300 Z:770			
主轴锥度 Spindle taper	-	ISO50 7:24			
主轴转速范围 (级数) Spindle speed range(steps)	rpm	30-1500(18)			
立铣头最大回转角度 swivel angle of vertical milling head	°	±45°			
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	45-415	45-415	45-490	130-515
主电机功率 Main motor power	kw	7.5			11
进给电机功率 Feed motor power	kw	1.5			
机床重量（净重 / 毛重） Machine weight（net/gross weight)	kg	2900/3200	3000/3300	3100/3400	4250/4500
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2300*1770*2000	2300*1770*2000	2600*1770*2200	2560*2160*2300

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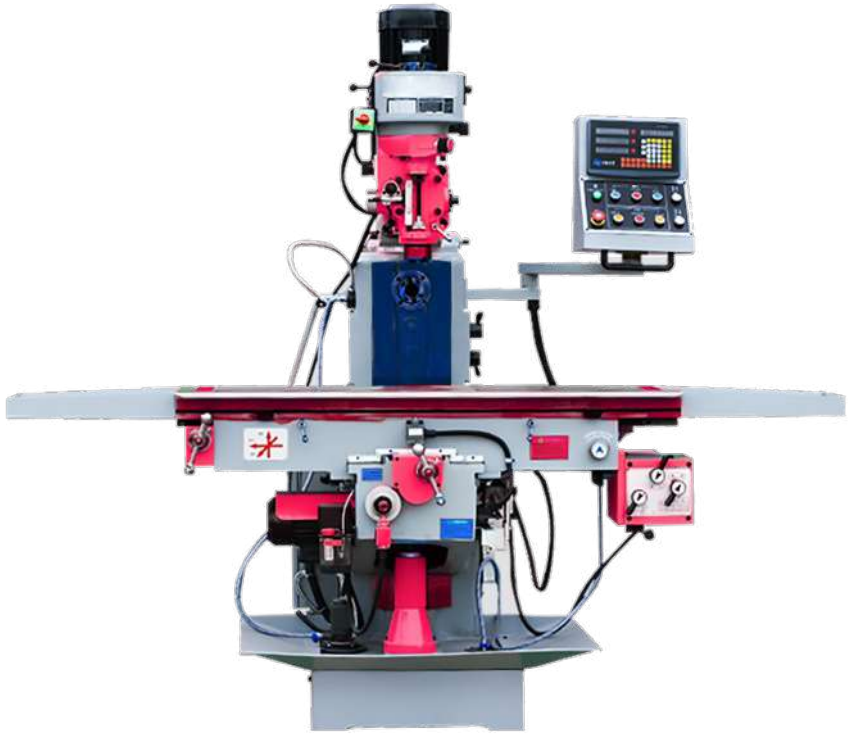
4H 5H 4HW 5HW 炮塔铣床

TURRET MILLING MACHINE



▶ 主要特点 MAIN FEATURES

示例 003 - 可调速头的工具铣床，带或不带变频器，主轴转速 65 至 3200 转 / 分或更高，5 马力立式工具头电机，5 马力卧式万能头电机，1370x254 毫米或更大的工作台，工作台角度 35 度，立式头横向倾斜 90 度，IS040 立式工具头主轴锥度，IS040 卧式万能头主轴锥度，XYZ 轴上的数字读数器，纵向轴（X）上的电子进给电机化或齿轮传动，横向轴（Y）上可能有电子进给电机或齿轮传动，以及用于升降工作台的电动机。

Ex 003 - Tool milling machines with variable speed head, with or without frequency inverter, spindle speed from 65 to 3,200 rpm or higher, 5HP vertical tooling head motor, 5HP horizontal universal head motor, 1,370x254mm or larger table, 35 degree table angle, 90 degree vertical head lateral tilt, IS040 vertical tooling head spindle cone, IS040 horizontal universal head spindle cone, digital readers on the XYZ axes, electronic feed motorization or geared on the longitudinal axis (X), which may have an electronic feed motor or geared on the transverse axis (Y) and an electric motor for raising and lowering the table.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	4H(X6325)	5H(X6330)	4HW	5HW
工作台尺寸 Table size	mm	1270*254	1370*305	1270*254	1370*305
工作台行程 (X/Y)Table travel(X/Y)	mm	780/400/400	810/400/400	780/400/400	810/400/400
T 型槽（数量 - 宽度 × 间距 ） T slot(number-width*pitch)	-	3-16*50	3-16*50	3-16*50	3-16*50
主轴锥度 Spindle taper	-	R8(选配 opt.ISO40)	R8(选配 opt.ISO40)	R8/1SO40	R8/1SO40
卧轴锥度 Horizontal spindle taper	-	——	——	1SO40	1SO40
主轴转速范围 (级数) Spindle speed range(steps)	rpm	50HZ:65-4500,60HZ:80-5440(16) (选配 opt. 无段 (variable)65-4000)		50HZ:65-4500,60HZ:80-5440(16) (选配 opt. 无段 (variable)65-4000)	
卧轴转速范围 (级数) Horizontal spindle speed range(steps)	rpm	——	——	45-1350(12)	
主轴行程 Spindle travel	mm	127	127	127	127
主轴进给范围（级数) Spindle feed range(steps)	mm	0.045,0.086,0.142 (3)		0.045,0.086,0.142(3)	
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	90-510	90-510	90-510	90-510
卧轴中心到工作台距离 Distance from center of horizontal axis to table	mm	——	——	0-400	
主电机功率 Main motor power	kw	2.2(optional 3.7kw)	2.2(optional 3.7kw)	2.2(立 V)(optinoal 3.7 kw)/3(卧 H)	
铣头左右回转 Headrotation (left -right)	°	±90°	±90°	±90°	±90°
铣头前后回转 Headrotation(front-rear)	°	±45°	±45°	±45°	±45°
机床重量 Machine weight	kg	1400	1600	1750	1850
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1550*1650*2250	1550*1650*2250	1550*1650*2250	1550*1650*2250
Can be customized according to customer requirements					

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X6328 X6330 X6332 X6336
炮塔铣床
TURRET MILLING MACHINE

▶ 主要特点 MAIN FEATURES

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Ex 003 - Tool milling machines with variable speed head, with or without frequency inverter, spindle speed from 65 to 3,200 rpm or higher, 5HP vertical tooling head motor, 5HP horizontal universal head motor, 1,370x254mm or larger table, 35 degree table angle, 90 degree vertical head lateral tilt, IS040 vertical tooling head spindle cone, IS040 horizontal universal head spindle cone, digital readers on the XYZ axes, electronic feed motorization or geared on the longitudinal axis (X), which may have an electronic feed motor or geared on the transverse axis (Y) and an electric motor for raising and lowering the table.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X6328	X6330	X6332	X6336
工作台尺寸 Table size	mm	1200*280	1370*305	1370*320	1500*360
工作台行程 (X/Y)Table travel(X/Y)	mm	600/240/360	810/400/400	800/400/400	1000/320/450
T 型槽（数量 - 宽度 × 间距 ） T slot(number-width*pitch)	-	3-14*63	3-16*50	3-14*70	3-18*80
主轴锥度 Spindle taper	-	ISO 407:24	R8(选配 opt.ISO 40)	1SO 40	R8/1SO 40
卧轴锥度 Horizontal spindle taper	-	ISO40 7:24	——	1SO40	1SO40
主轴转速范围 (级数) Spindle speed range(steps)	rpm	50HZ:65-4500,60HZ:80-5440(16) (选配 opt. 无段 (variable)65-4000)			
卧轴转速范围 (级数) Horizontal spindle speed range(steps)	rpm	40-1300(12)	——	40-1300(12)	60-1800(12)
主轴行程 Spindle travel	mm	127	127	127	127
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	140-500	50-450	140-540	90-510
卧轴中心到工作台距离 Distance between horizontal spindle axis and table surface	mm	0-360	120-520	0-400	0-450
主电机功率 Main motor power	kw	2.2(立 V)/3(卧 H)	2.2(立 V)/3(卧 H)	2.2(立 V)/3(卧 H)	3.7(立 V)/4(卧 H)
铣头左右回转 Headrotation (left -right)	°	±90°	±90°	±90°	±90°
铣头前后回转 Headrotation(front-rear)	°	±45°	±45°	±45°	±45°
机床重量 Machine weight	kg	1400	1850	2000	2400
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1550*1650*2250	1550*1650*2250	2200*1820*2350	2600*2200*2550
Can be customized according to customer requirements					

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X6128 X6032 X6036 卧式铣床

HORIZONTAL MILLING MACHINE

我们公司产品均采用市场上名牌齿轮，电机，电器，及配件，质量优良，性能稳定。生产加工环节更是精益求精，确保每台产品的精度和稳定性能

Our company's products all use famous brand gears, motors, electrical appliances, and accessories on the market, with excellent quality and stable performance.The production and processing linksare more perfect to ensure the accuracy and stable performance of each product

▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways,T-slots, dovetail grooves,etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X6128	X6032	X6036
工作台尺寸 Table size	mm	1200*280	1500*320	1500*360
工作台行程 (X/Y)Table travel(X/Y)	mm	680/280/400	1000/300/400	1000/320/450
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch)		3-14*50	3-16*70	3-18*80
主轴锥度 Spindle taper		ISO40 7:24	IS0407:24	ISO507:24 ISO40 7:24
主轴转速范围 (级数) Spindle speed range(steps)	rpm	40-1300(12)	40-1300(12)	60-1800(12)
主轴中心到立柱表面距离 Distance from spindle center to column surface	mm	0-400	0-400	0-450
主电机功率 Main motor power	kw	3	3	4
机床重量 Machine weight	kg	1300	2050	2400
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1725*1450*1750	2070*1900*1850	2220*1790*1860

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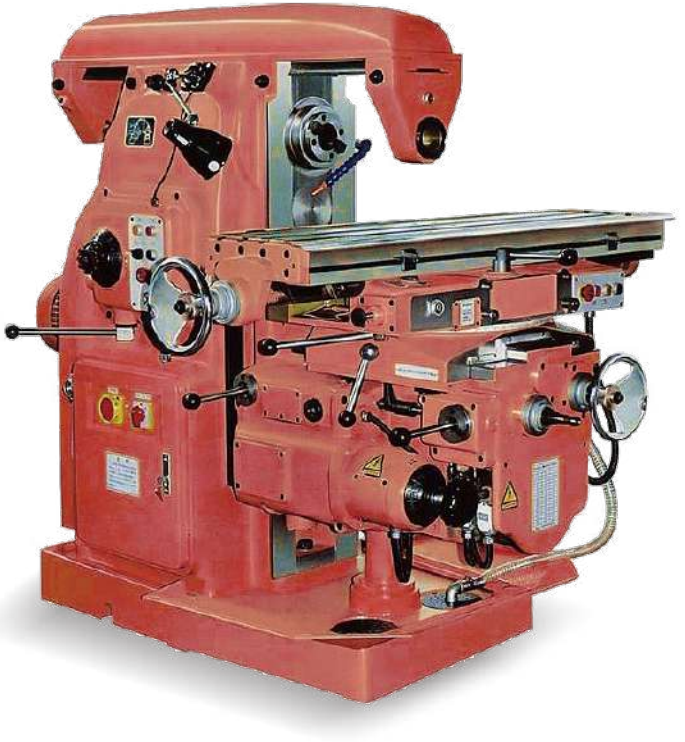
X6132 X6132B X6132BH X6140 卧式铣床

HORIZONTAL MILLING MACHINE



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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X6132	X6132B	X6132BH	X6140
工作台尺寸 Table size	mm	1325*320	1600*320	1600*320	1700*400
工作台承重 Table load	kg	500			800
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch)	mm	3-18*70	3-18*70	3-18*70	3-18*90
工作台行程 (X/Y)Table travel(X/Y)		700/680 255 /240 370/350	900/880 255 /240 320/300	900/880 255 /240 410/390	900/880 315 /300 350/330
工作台进给范围 Table feed range	mm/min	XY23.5-1180 Z:8-394			
工作台快移速度 Table rapid traverse	mm/min	XY2300 Z:770			
主轴锥度 Spindle taper		ISO 50 7:24			
主轴转速范围 (级数) Spindle speed range(steps)	rpm	30-1500(18)			
立铣头最大回转角度 swivel angle of vertical milling head	°	±45°			
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	30-350	30-350	30-440	30-380
主电机功率 Main motor power	kw	7.5			11
进给电机功率 Feed motor power	kw	1.5			
机床重量（净重 / 毛重） Machine weight	kg	2700/3000	2800/3100	2900/3200	3950/4200
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2300*1770*1700	2300*1770*1700	2600*1770*1900	2560*2160*2100

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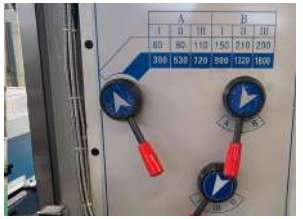
X6226 X6232 回转头铣床

ROTARY HEAD MILLING MACHINE



▶ 主要特点 MAIN FEATURES

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X6226	X6232
工作台尺寸 Table size	mm	1200*260	1370*320
工作台行程 (X/Y)Table travel(X/Y)	mm	600/280/400	800/320/400
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch	–	5-14*40	3-16*60
主轴锥度 Spindle taper	-	ISO40	ISO40
主轴转速范围 (级数) Spindle speed range(steps)	rpm	48-1660(12)	48-1660(12)
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	100-500	120-520
工作台进给范围 Table feed range(steps)	mm /min	X:48-370(8) YZ:manual	XY:22-555(8)Z:electric
立铣头最大回转角度 swivel angle of vertical milling head	°	360	360
主电机功率 Main motor power	kw	3	3
进给电机功率 Feed motor power	kw	0.75	1.1
机床重量 Machine weight	kg	1400	1700
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1660*1500*1750	1700*1560*1750

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X6432 X6436 回转头铣床

ROTARY HEAD MILLING MACHINE

▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways,T-slots, dovetail grooves,etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X6432	X6436
工作台尺寸 Table size	mm	1500*320	1500*360
工作台行程 (X/Y)Table travel(X/Y)	mm	1000/320/400	1000/320/400
T 型槽（数量 - 宽度 × 间距 ） T slot(number-width*pitch)	–	3-16*60	3-18*80
主轴锥度 Spindle taper	-	ISO40	ISO40
水平主轴锥度 Horizontal spindle taper	–	ISO40	ISO40
主轴转速范围 (级数) Spindle speed range(steps)	rpm	48-1660(12)	48-1660(12)
水平主轴速度范围（步骤）Horizontal spindle speed range(steps)	rmp	40-1300(12)	40-1300(12)
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	120-520	150-550
水平主轴与工作台面距离 Distance between horizontal spindle axis and table surface	mm	0-400	0-400
工作台进给范围 Table feed range(steps)	mm /min	X Y:22-555(8) Z:electric	X Y:22-555(8) Z:electric
立铣头最大回转角度 Maximum rotary angle of vertical milling head	°	360	360
主电机功率 Main motor power	kw	3(立 V)/3(卧 H)	4(立 V)/4(卧 H)
进给电机功率 Feed motor power	kw	1.1	1.1
机床重量 Machine weight	kg	2100	2580
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2050*1750*2000	2550*2050*2050

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X7140A X7150A 床身铣床

BED TYPE MILLING MACHINE

▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways,T-slots, dovetail grooves,etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X7140A	X7150A
工作台尺寸 Table size	mm	1400*400	2000*400
工作台行程 (X/Y)Table travel(X/Y)	mm	800*400	1500*500
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch	-	3-18*100	3-18*100
主轴锥度 Spindle taper	-	ISO50	ISO50
主轴转速范围 (级数) Spindle speed range(steps)	rpm	18-1800	66-1440
主轴中心到立柱表面距 Distance from spindle axis tocolumn surface	mm	520	600
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	150-650	100-650
主电机功率 Main motor power	kw	7.5	7.5
机床重量 Machine weight	kg	3860	5000
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2290*1840*2120	3000*2285*2340

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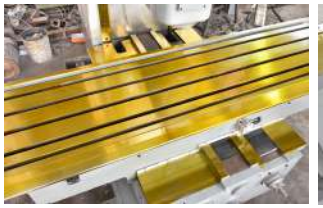
X713 X715 X716 床身铣床

BED TYPE MILLING MACHINE



▶ 主要特点 MAIN FEATURES

铣床上可以加工平面 (水平面、垂直面)、沟槽 (键槽、T 形槽、燕尾槽等) 分齿零件 (齿轮、花键轴、链轮)、螺旋形表面 (螺纹、螺旋槽) 及各种曲面。此外 , 还可用于对回转体表面、内孔加工及进行切断工作等

The milling machine can process planes (horizontal planes, vertical planes), grooves (keyways,T-slots, dovetail grooves,etc.), gear parts (gears, spline shafts, sprockets), spiral surfaces (threads, spiral grooves) and Various curved surfaces. In addition, it can also be used to process the surface of the revolving body the inner hole and the cutting work, etc.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	X713	X715	X716
工作台尺寸 Table size	mm	1525*320	2100*500	2500*575
工作台行程 (X/Y)Table travel(X/Y)	mm	1050*470	1500*670	1800*600
T 型槽（数量 - 宽度 × 间距) T slot(number-width*pitch	–	3-14*80	4-20*100	3-22*152
主轴锥度 Spindle taper	-	ISO40	ISO50	ISO50
主轴转速范围 (级数) Spindle speed range(steps)	rpm	70-3620	35-1345	40-1200
主轴中心到立柱表面距 Distance from spindle axis tocolumn surface	mm	70-570	0-670	49-949
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	450	610	110
主电机功率 Main motor power	kw	5	7.5	11
机床重量 Machine weight	kg	2300	7360	10000
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2565*2045*2290	3300*2380*2750	4300*3200*3300

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ZAY7025FG ZAY7032FG ZAY7040FG ZAY7045FG 钻铣床

DRILLING AND MILLING MACHINE

主要性能特点 Main Features

- 齿轮传动，方立柱 Gear-driven and square column

随机附件 Standard Accessories

- 内六角扳手 Allen wrench
- 退刀楔 Wedge
- 拉杆 Tie rod

选购附件 Optional Accessories

- 钻夹头 Drill chuck
- 铣刀盘 Milling cutter holder
- 铣夹头 Mill chuck
- 自动走刀器 Power feed attachment
- 攻丝电器 Auto-tapping electrical
- 平口钳 Paraller vise
- 工作灯 Working lamp
- 冷却系统 Coolant system
- 床脚及油盆 Machine stand and chip tray
- 组合压板 58 件套 Clamping kits(58pcs)
- 回转工作台 Rotary table
- 数显 2-Axis DRO,3-Axis DRO

TECHNICAL SPECIFICATIONS	Units	ZAY7025FG	ZAY7032FG	ZAY7040FG	ZAY7045FG
最大钻孔直径 Max.drilling dia.	mm	25	32	40	45
最大面铣刀直径 Max.face milling capacity	mm	63	63	80	80
最大立铣刀直径 Max.end milling capacity	mm	20	20	32	32
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	445	450	450	450
主轴中心到立柱表面距 Distance from spindle axis tocolumn surface	mm	203	260	260	260
主轴行程 Spindle travel	mm	80	130	130	130
主轴锥度 Spindle taper	-	M.T.3 or R8	M.T.3 or R8	M.T.4 or R8	M.T.4 or R8
主轴转速级数 Spindle speed steps	-	6	6	6	6
主轴转速 Spindle speed	rpm	50Hz 95-1420	50-1250	80-1250	80-1250
		50Hz 115-1700	95-1500	65-1500	95-1500
主轴箱回转角度 (水平方向) Swivel angle of headstock (horizontal)	°	±90	±90	±90	±90
工作台尺寸 Table size	mm	520*160	800*240	800*240	800*240
工作台行程 Table travel	mm	290*140	500*175	500*175	500*175
主电机功率 Main motor Power	kw	0.37	0.75	1.1	1.5
机床重量 Machine weight	kg	240	370	373	375
外形尺寸 (长 × 宽 × 高)Overall dimension	mm	680*750*1700	770*880*1860	770*880*1860	770*880*1860
装箱数 Loading amount		48pcs/20'container	36pcs/20'container	36pcs/20'container	36pcs/20'container

ZX7550CW ZX6350C ZX6350A ZX6350ZA ZX6350T 钻铣床

DRILLING AND MILLING MACHINE

TECHNICAL SPECIFICATIONS	Units	ZX7550CW	ZX6350C	ZX6350A	ZX6350ZA	ZX6350T
最大钻孔直径 Max.drilling dia.	mm	50	50	50	50	50
最大面铣刀直径 Max.face milling capacity	mm	100	100	100	100	100
最大立铣刀直径 Max.end milling capacity	mm	25	25	25	25	25
最大镗孔直径 Max.boring dia.	mm	120	120	120	120	120
最大攻丝直径 Max.tapping dia.	mm	M16	M16	M16	M16	M16
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	90-490	80-460	80-460	80-460	80-460
主轴锥度 Spindle taper	-	MT4(立 V/ 卧 H)	MT4(立 V)ISO40(卧 H)		ISO40(立 V/ 卧 H)	ISO40(立 V/ 卧 H)
主轴转速范围 Spindle speed range	rpm	40-1400(立 V) 80-1300(卧 H)	40-1400(立 V) 40-1300(卧 H)		90-2000(立 V)40-1300(卧 H)	65-4500(立 V)40-1300(卧 H)
主轴行程 Spindle travel	mm	120	120	120	120	127
工作台尺寸 Table size	mm	1000*240	1200*280 选配 Opt.1500*280			
工作台行程 Table travel	mm	600*200	680*280 选配 Opt.1000*280			
工作台自动进给 Table feed speed	mm/min	X:15-490	X:16-480	X/Y:22-555 Z:300 electric		
主电机功率 Main motor Power	kw	1.5/2.2(立 V)2.2(卧 H)	1.5/2.2(立 V)3(卧 H)	1.5/2.2(立 V)3(卧 H)	1.5/2.2(立 V)3(卧 H)	2.2(立 V)3(卧 H)
机床重量 Machine weight	kg	1000	1400	1500	1500	1600
外形尺寸 (长 × 宽 × 高)Overall dimension	mm	1400*1300*2080	1680*1400*2350	1450*1400*2350	1450*1400*2350	1450*1400*2350

Skymach

Z5032 Z5040 Z5045 钻床

DRILLING MACHINE

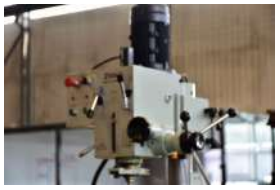
TECHNICAL SPECIFICATIONS		Units	Z5032	Z5040	Z5045
最大钻孔直径 Max.drilling dia.		mm	32	40	45
主轴锥度 Spindle taper		-	MT3/R8	MT4	MT4
主轴行程 Spindle travel		mm	130	130	130
主轴转速级数 Spindle speed steps		-	6	6	6
主轴转速范围 Spindle speed range	50Hz	rpm	80-1250	80-1250	80-1250
	60Hz		95-1500	95-1500	95-1500
主轴端面到工作台距离 Distance between spindle nose and table surface		mm	725	725	725
主轴端到底座工作台表面距离 Distance between spindle nose and stand table		mm	1125	1125	1125
主轴中心到立柱表面距离 Distance from spindle axis to column surface		mm	283	283	283
主轴箱行程 Spindle box travel		mm	250	250	250
主轴箱回转角度（水平 / 垂直）Spindle box swivel angle(horizontal/perpendicular)		°	360°	360°	360°
工作台尺寸 Table size		mm	380*300	380*300	380*300
工作台垂直行程 Table vertical travel		mm	600	600	600
工作台水平回转角度 Swivel angle of table horizontal		°	360°	360°	360°
工作台倾斜角度 Table tilt angle		°	±45°	±45°	±45°
底座工作台尺寸 Stand table size		mm	417*416	417*416	417*416
主电机功率 Main motor power		kw	0.75（1HP）	1.1(1.5HP)	1.5(2P)
主电机转速 Main motor speed		rpm	1400	1400	1400
机床重量 Machine weight		kg	470	480	490
外形尺寸（长 × 宽 × 高）Overall dimension		mm	1000*750*1850	1000*750*1850	1000*750*1850

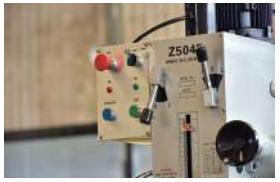
Z5032/1 Z5040/1 Z5045/1 钻床

DRILLING MACHINE

TECHNICAL SPECIFICATIONS		Units	Z5032/1	Z5040/1	Z5045/1
最大钻孔直径 Max.drilling dia.		mm	32	40	45
主轴锥度 Spindle taper		-	MT3/R8	MT4	MT4
主轴行程 Spindle travel		mm	130	130	130
主轴转速级数 Spindle speed steps		-	6	6	6
主轴转速范围 Spindle speed range	50Hz	rpm	80-1250	80-1250	80-1250
	60Hz		95-1500	95-1500	95-1500
主轴进给级数 Spindle feed steps		-	6	6	6
主轴进给范围 Spindle feed range		mm/r	0.06-0.30	0.06-0.30	0.06-0.30
主轴端面到工作台距离 Distance between spindle nose and table surface		mm	725	725	725
主轴端到底座工作台表面距离 Distance between spindle nose and stand table		mm	1125	1125	1125
主轴中心到立柱表面距离 Distance from spindle axis to column surface		mm	290	290	290
主轴箱行程 Spindle box travel		mm	250	250	250
主轴箱回转角度（水平）Spindle box swivel angle(horizontal)		°	360°	360°	360°
工作台尺寸 Table size		mm	380*300	380*300	380*300
工作台垂直行程 Table vertical travel		mm	600	600	600
工作台水平回转角度 Swivel angle of table horizontal		°	360°	360°	360°
工作台倾斜角度 Table tilt angle		°	±45°	±45°	±45°
底座工作台尺寸 Stand table size		mm	417*416	417*416	417*416
主电机功率 Main motor power		kw	0.75（1HP）	1.1(1.5HP)	1.5(2HP)
主电机转速 Main motor speed		rpm	1400	1400	1400
机床重量 Machine weight		kg	480	480	490
外形尺寸（长 × 宽 × 高）Overall dimension		mm	1000*750*1850	1000*750*1850	1000*750*1850

Z5032C Z5040C Z5045C 钻床

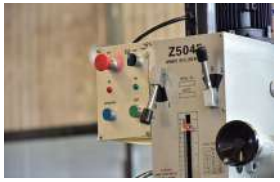




TECHNICAL SPECIFICATIONS		Units	Z5032C	Z5040C	Z5045C
最大钻孔直径 Max.drilling dia.		mm	32	40	45
主轴锥度 Spindle taper		-	MT3/R8	MT4	MT4
主轴行程 Spindle travel		mm	130	130	130
主轴转速级数 Spindle speed steps		-	6	6	6
主轴转速范围 Spindle speed range	50Hz	rpm	80-1250	80-1250	80-1250
	60Hz		95-1500	95-1500	95-1500
主轴端面到工作台距离 Distance between spindle nose and table surface		mm	700	700	700
主轴端到底座工作台表面距离 Distance between spindle nose and stand table		mm	1125	1125	1125
主轴中心到立柱表面距离 Distance from spindle axis to column surface		mm	283	283	283
主轴箱行程 Spindle box travel		mm	250	250	250
主轴箱回转角度 (水平 / 垂直)Spindle box swivel angle(horizontal/perpendicular)		°	360° /±90°	360° /±90°	360° /±90°
工作台尺寸 Table size		mm	730*210	730*210	730*210
工作台行程 (X/Y) Table travel(X/Y)		mm	500*205	500*205	500-205
工作台垂直行程 Table vertical travel		mm	570	570	570
底座工作台尺寸 Stand table size		mm	417*416	417*416	417*416
主电机功率 Main motor power		kw	0.75	1.1	1.5
主电机转速 Main motor speed		rpm	1400	1400	1400
机床重量 Machine weight		kg	510	520	530
外形尺寸 (长 × 宽 × 高)Overall dimension		mm	1000*950*1850	1000*950*1850	1000*950*1850

Z5032C/1 Z5040C/1 Z5045C/1 钻床

DRILLING MACHINE



TECHNICAL SPECIFICATIONS		Units	Z5032C/1	Z5040C/1	Z5045C/1
最大钻孔直径 Max.drilling dia.		mm	32	40	45
主轴锥度 Spindle taper		-	MT3/R8	MT4	MT4
主轴行程 Spindle travel		mm	130	130	130
主轴转速级数 Spindle speed steps		-	6	6	6
主轴转速范围 Spindle speed range	50Hz	rpm	80-1250	80-1250	80-1250
	60Hz		95-1500	95-1500	95-1500
主轴进给级数 Spindle feed steps		-	6	6	6
主轴进给范围 Spindle feed range		mm/r	0.06-0.30	0.06-0.30	0.06-0.30
主轴端面到工作台距离 Distance between spindle nose and table surface		mm	700	725	725
主轴端到底座工作台表面距离 Distance between spindle nose and stand table		mm	1125	1125	1125
主轴中心到立柱表面距离 Distance from spindle axis to column surface		mm	290	290	290
主轴箱行程 Spindle box travel		mm	250	250	250
主轴箱回转角度 (水平)Spindle box swivel angle(horizontal)		°	360° /90°	360° /90°	360/90°
工作台尺寸 Table size		mm	380*300	380*300	380*300
工作台行程 Table travel		mm	600	600	600
工作台垂直行程 Table vertical travel		°	360°	360°	360°
底座工作台尺寸 Stand table size		mm	417*416	417*416	417*416
主电机功率 Main motor power		kw	0.75（1HP）	1.1(1.5HP)	1.5(2HP)
主电机转速 Main motor speed		rpm	1400	1400	1400
机床重量 Machine weight		kg	480	480	490
外形尺寸 (长 × 宽 × 高)Overall dimension		mm	1000*750*1850	1000*750*1850	1000*750*1850

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Z5125 Z5132 Z5140 Z5150 Z5163 Z5180 钻床

DRILLING MACHINE

▶ 主要特点 MAIN FEATURES

本机还可以扩大孔，钻深孔，攻丝，镗孔等。
该系列机器具有效率高、刚性好、精度高、噪音低、调速范围宽等优点。
该机器有交叉工作台，工作台可手动交叉进给，纵向和提升。
适用于中小尺寸板、盘或壳型等复杂工件上的批量钻孔。
The machine can also enlarge the hole, drill deep hole, tap, boring and so on.
This series of machines has the advantages of high efficiency, good rigidity, high precision, low noise, wide speed range and so on.
The machine has a cross table which can be manually cross fed, lengthwise and lifted.
It is suitable for batch drilling on complex workpieces such as small and medium-sized plates, disks or shell shapes.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Z5125	Z5132	Z5140	Z5150	Z5163	Z5180
最大钻孔直径 Max.drilling dia.	mm	25	32	40	50	63	80
最大进给抗力 Max.feed resistanc	N	9000	12000	16000	16000	30000	30000
主轴允许最大扭矩 Max.allowble torque	N.m	160	200	350	350	800	1000
主轴锥度 Spindle taper	-	MT3	MT4	MT4	MT5	MT5	MT6
主轴行程 Spindle travel	mm	200	200	250	250	250	250
主轴端面到工作台距离 Distance between spindle nose and table surface	mm	710	710	750	750	800	800
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	280	280	350	350	375	375
主轴箱行程 Spindle box travel	mm	200	200	200	200	250	250
主轴转速范围 Spindle speed range	rpm	50-2000	50-2000	31.5-1400	31.5-1400	40-570	40-570
主轴转数级数 Spindle speeds steps	-	9	9	12	12	9	9
主轴进给范围 Spindle feed range	mm/r	0.056-1.8	0.056-1.8	0.056-1.8	0.056-1.8	0.1-0.78	0.1-0.78
主轴进给级数 Spindle feed steps	-	9	9	9	9	6	6
工作台尺寸 Table size	mm	550*400	550*400	560*480	560*480	650*550	650*550
工作台行程 Table travel	mm	310	310	300	300	300	300
主电机功率 Main motor power	kw	2.2	2.2	3	3	5.5	5.5
冷却电机功率 Coolant motor powe	kw	0.09	0.09	0.09	0.09	0.09	0.09
机床重量 Machine weight	kg	1100	1150	1300	1350	2500	2600
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	980*807*2302	980*807*2302	1090*900*2530	1090*900*2530	1455*965*2790	1455*965*2790

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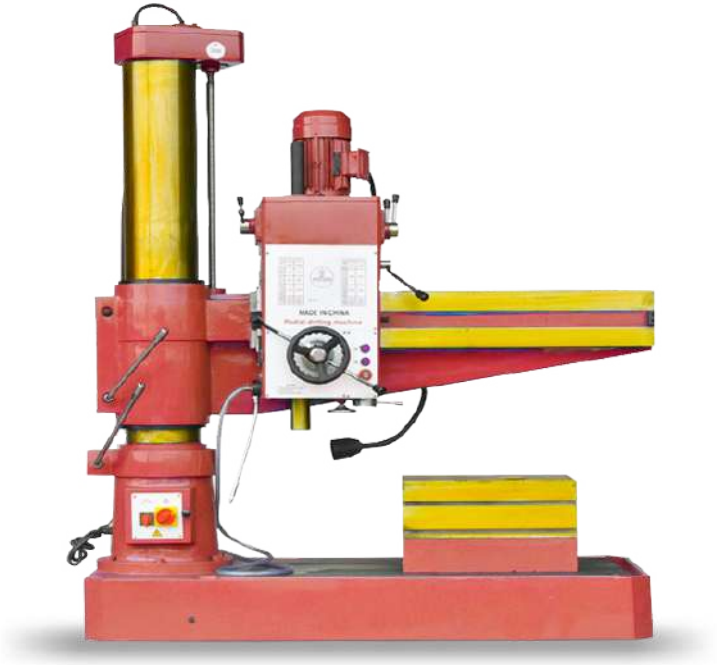
ZQ3032X10 Z3032X10 Z3045X10 Z3040 X10 Z3050 摇臂钻床

RADIAL DRILLING MACHINE



▶ 主要特点 MAIN FEATURES

主轴正反转、停车 (制动)、变速、空挡等动作，用一个手柄控制，操纵轻便；
主轴箱、摇臂、内外柱采用液压驱动的菱形块夹紧机构，夹紧可靠；
摇臂上导轨、主轴套筒及内外柱回转滚道等处均进行淬火处理，可延长使用寿命；

The main shaft forward and reverse rotation,parking(brake),shifting,neutral and other actions are controlled by a handle,which is easy to operate;
The spindle box,rocker arm,inner and outer columns adopt hydraulically driven diamond block clamping mechanism,which is reliable in clamping;
The upper rail of the rocker arm,the main shaft sleeve and the inner and outer cylindrical rotary raceways are all quenched,which can extend the service life;

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	ZQ3032X10	Z3032X10	Z3035X10	Z3040X10	Z3050
最大钻孔直径 (钢件 / 铸件) Max.drilling dia.	mm	32	32	35	40	48/50
主轴端到工作台距离 Distance between spindle nose and table surtace	mm	350-1000	350-1100	230-1120	170-1080	300-1150
主轴中心到立柱表面距 Distance from spindle axis to column surface	mm	310-900	310-900	300-800	310*900	360-1600
主轴行程 Spindle travel	mm	160	160	200	200	220
主轴锥孔 Spindle taper	mm	MT4	MT4	MT4	MT4	MT5
主轴转速范围 Spindle speed range	–	108-1000	108-1000	34-1400	34-1220	78/135/240/ 350/590/1100
主轴转速级数 Spindle speed steps	rpm	6	6	12	12	6
主轴进给范围 Spindle feeding range	–	-	0.10-0.25	0.10-0.25	0.10-0.25	0.10/0.16/0.22/ 0.25/0.35/0.56
主轴进给级数 Spindle feeding steps	mm/r	-	3	3	3	6
主电机功率 Main motor power	kw	1.5/2.2	1.5/2.2	1.5/2.2	1.5/2.2	4
机床重量 Machine weight	kg	850	900	1000	1200	2000
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1450*650*2100	1450*650*2100	1450*700*2200	1500*700*2200	2170*950*2450

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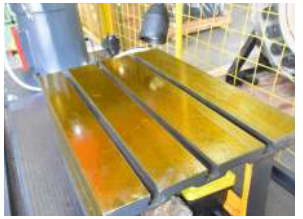
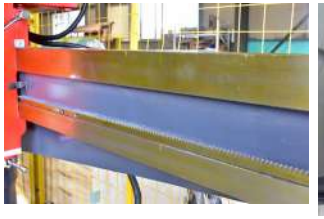
Z3040X13 Z3045X13 ZQ3050X16
摇臂钻床
RADIAL DRILLING MACHINE





▶ 主要特点 MAIN FEATURES

机械传动 Mechanical transmission
机械夹紧 Mechanical clamping
机械变速 Mechanical change speed
自动进给 Automatic feed

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Z3040x13	Z3045X13	ZQ3050X16
最大钻孔直径 (钢件 / 铸件) Max.drilling dia.	mm	40	45	50
主轴端到工作台距离 Distance between spindle nose and table surtace	mm	300-1100	235-1100	320-1220
主轴中心到立柱表面距 Distance from spindle axis to column surface	mm	320-1170	320-1120	370-1620
主轴行程 Spindle travel	mm	200	280	315
主轴锥孔 Spindle taper	mm	MT4	MT4	MT5
主轴转速范围 Spindle speed range	–	34-1120	22-1400	25-2000
主轴转速级数 Spindle speed steps	rpm	12	12	16
主轴进给范围 Spindle feeding range	–	0.10-0.25	0.10-0.25	0.04-3.2
主轴进给级数 Spindle feeding steps	mm/r	3	3	16
主电机功率 Main motor power	kw	1.5/2.2	3	4
升降电机功率 Liting motor power		1.1	1.1	1.5
机床重量 Machine weight	kg	1600	1700	3500
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1850*800*2350	1850*800*2350	2500*1060*2800

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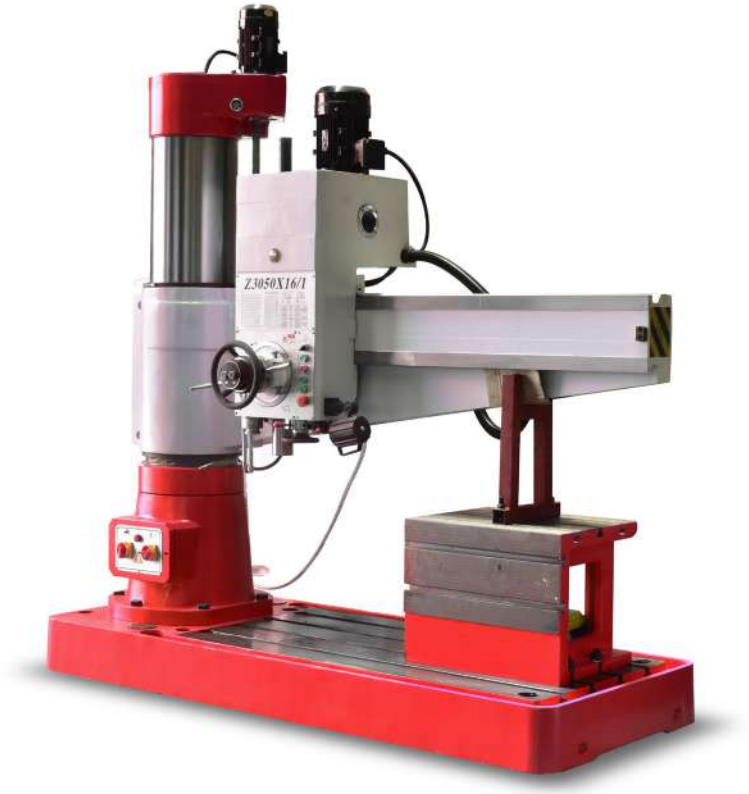
Z3040X14 Z3050X16 Z3063X20
摇臂钻床
RADIAL DRILLING MACHINE



▶ 主要特点 MAIN FEATURES

液压传动	Hydraulic transmission
液压夹紧	Hydrauliccamping
液压变速	Hydraulic change speed
液压预选	Hydraulic pre-selection
机械电气双重保险	Mechanical and electrical double insurance

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Z3040x14	Z3050X16	Z30560X20
最大钻孔直径 (钢件 / 铸件) Max.drilling dia.	mm	40	50	63
主轴端到工作台距离 Distance between spindle nose and table surtace	mm	260*1210	320*1220	290-1540
主轴中心到立柱表面距 Distance from spindle axis to column surface	mm	350*1370	370-1620	430-1930
主轴行程 Spindle travel	mm	270	315	400
主轴锥孔 Spindle taper	mm	MT3	MT5	MT5
主轴转速范围 Spindle speed range	–	32-2500	25-2000	16-1250
主轴转速级数 Spindle speed steps	rpm	16	16	16
主轴进给范围 Spindle feeding range	–	0.10-1.25	0.04-3.2	0.04-3.2
主轴进给级数 Spindle feeding steps	mm/r	8	16	16
主电机功率 Main motor power	kw	3	4	5.5
升降电机功率 Liting motor power		0.75	1.5	1.5
机床重量 Machine weight	kg	2200	3500	6500
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2053*820*2483	2500*2060*2800	3000*1250*3300

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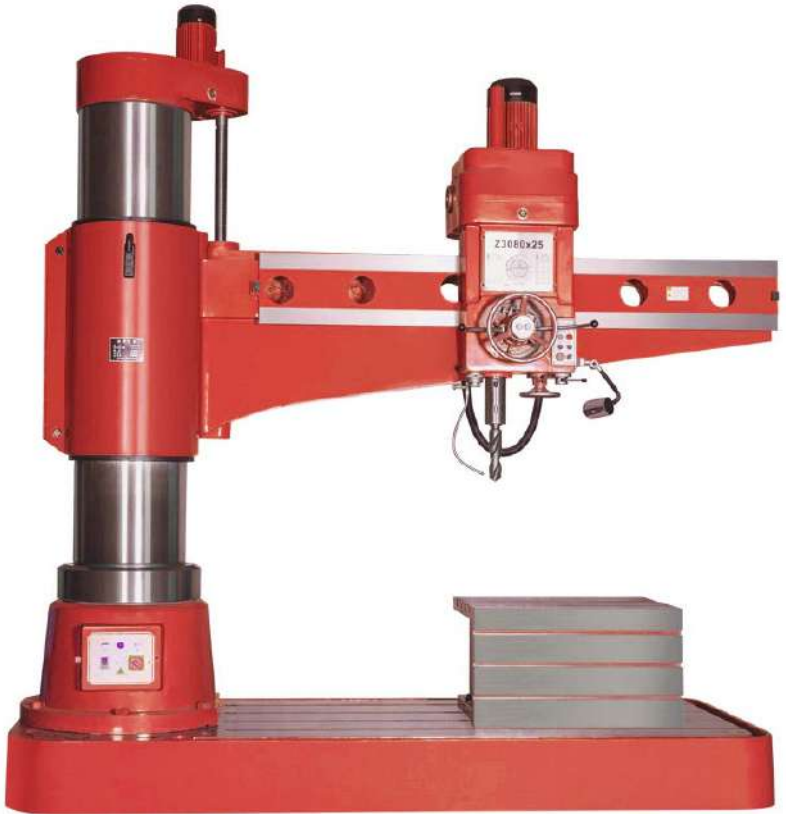
Z3080X20A/25A Z30100X31 Z30125X40 摇臂钻床

RADIAL DRILLING MACHINE



▶ 主要特点 MAIN FEATURES

液压传动	Hydraulic transmission
液压夹紧	Hydrauliccamping
液压变速	Hydraulic change speed
液压预选	Hydraulic pre-selection
机械电气双重保险	Mechanical and electrical double insurance

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Z3080X20A/25A	Z30100X31	Z30125X40
最大钻孔直径 (钢件 / 铸件) Max.drilling dia.	mm	80	100	125
主轴端到工作台距离 Distance between spindle nose and table surtace	mm	350-1585	750-2500	750-2500
主轴中心到立柱表面距 Distance from spindle axis to column surface	mm	500-2070/2570	570-3150	600-4000
主轴行程 Spindle travel	mm	400	500	560
主轴锥孔 Spindle taper	mm	MT6	MT6	公制 Metric 80
主轴转速范围 Spindle speed range	–	16-1250	8-1000	6.3-8000
主轴转速级数 Spindle speed steps	rpm	16	22	22
主轴进给范围 Spindle feeding range	–	0.04-3.20	0.06-3.2	0.06-3.2
主轴进给级数 Spindle feeding steps	mm/r	16	16	16
主电机功率 Main motor power	kw	7.5	15	18.5
升降电机功率 Liting motor power		1.5	3	3
机床重量 Machine weight	kg	7000/9500	20000	28500
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	3000/3500*1450*3300	4660*1630*4525	4960*2000*4780

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BS-712N BS-912N BS-912S BS-280G BS-460G BS-1018B BS-1018R 锯床

BAND SAWING MACHINE

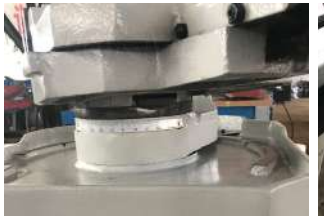
BS712N

BS912B

BS1018B

TECHNICAL SPECIFICATIONS	Units	BS-712N	BS-280G	BS-460G	BS-912B	BS-1018B	BS-1018R
90°锯切圆料 90° Circular	mm(")	178(7")	220(8.6)	330(13)	229(9)	254(10)	254(10)
90°锯切方料 90° Rectangular	mm(")	178*305(7"*12")	250*155(10*6.1)	460*250(18*9.8)	178*305(7*12)	127*457(5*18)	160*406(6.3*16)
60°锯切圆料 60° Circular	mm(")	——	100(4)	205(8)	——	——	——
60°锯切方料 60° Rectangular	mm(")	——	80*95(3.1*3.7)	205*250(8*9.8)	——	——	——
45°锯切圆料 45° Circular	mm(")	127(5")	160(6)	305(12)	150(6)	150(6)	170(6.7)
45°锯切方料 45° Rectangular	mm(")	120*125(4.75"*4.88")	160*110(6.3*4.3)	305*250(12*9.8)	127*150(5*6)	150*190(6*7.5)	160*190(6.3*7.5)
锯切速度 (50HZ) Blade speed(50HZ)	mpm	22,34,49,64	40/80	40/80	26,50,73,95	29,50,73,95	29,50,73,95
锯切速度 (60HZ) Blade speed(60HZ)	mpm	27,41,59,78	48/96	48/96	32.60,88,115	35,60,88,115	35,60,88,115
锯条尺寸 Blade size	mm	20*0.9*2362	27*0.9*2450	27*0.9*3960	27*0.9*2655	27*0.9*3280	27*0.9*3215
主电机功率 Main motor power	kw	0.75 1HP(3PH),1.1KW 1.5HP(1PH)	0.75/1.1	1.5/2.2	1.1	1.5	1.5
结构 Drive		皮带 V-belt	齿轮 Gear	齿轮 Gear	-	V-belt	
机床重量 Machine weight	kg	140/180	254/287	750/830	230/260	310/385	300/360
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1250*510*1150	1330*800*1720	2310*1070*1630	1540*590*1150	1750*820*1200	1780*840*1340

CS-225 CS250 CS315 CS350
圆锯机
CIRCULAR SAWING MACHINE



▶ 主要特点 MAIN FEATURES

1.HSS 锯片高效耐用；
2.24v 低压控制手控开关，操作方便；
3. 双夹结构，可快速夹紧物料，左右旋转 45 ° 进行切割；
4. 双速电机，噪音低，可以通过蜗杆和齿轮减速；
5. 圆锯的冷却系统，可以延长锯片的使用寿命，提高工件的精度；

1.HSS saw blade efficient and durable;
2.24V low voltage control manual switch, easy to operate;
3. double clamp structure, can quickly clamp the material, rotate 45 ° left and right for cutting;
4. Two-speed motor, low noise, can be decelerated by worm and gear;
5. the cooling system of the circular saw can extend the service life of the saw blade and improve the accuracy of the workpiece;

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	BS-712N	BS-280G	BS-460G	BS-912B
90°锯切圆料 90° Circular	mm(")	178(7")	220(8.6)	330(13)	229(9)
90°锯切方料 90° Rectangular	mm(")	178*305(7"*12")	250*155(10*6.1)	460*250(18*9.8)	178*305(7*12)
60°锯切圆料 60° Circular	mm(")	——	100(4)	205(8)	——
60°锯切方料 60° Rectangular	mm(")	——	80*95(3.1*3.7)	205*250(8*9.8)	——
45°锯切圆料 45° Circular	mm(")	127(5")	160(6)	305(12)	150(6)
45°锯切方料 45° Rectangular	mm(")	120*125(4.75"*4.88")	160*110(6.3*4.3)	305*250(12*9.8)	127*150(5*6)
锯切速度 (50HZ) Blade speed(50HZ)	mpm	22,34,49,64	40/80	40/80	26,50,73,95
锯切速度 (60HZ) Blade speed(60HZ)	mpm	27,41,59,78	48/96	48/96	32.60,88,115
锯条尺寸 Blade size	mm	20*0.9*2362	27*0.9*2450	27*0.9*3960	27*0.9*2655
主电机功率 Main motor power	kw	0.75 1HP(3PH),1.1KW 1.5HP(1PH)	0.75/1.1	1.5/2.2	1.1
结构 Drive		皮带 V-belt	齿轮 Gear	齿轮 Gear	-
机床重量 Machine weight	kg	140/180	254/287	750/830	230/260
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1250*510*1150	1330*800*1720	2310*1070*1630	1540*590*1150

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HS7125 HS7132 HS7140 HS7150
锯床
BAND SAWING MACHINE

▶ 主要特点 MAIN FEATURES

1. 自动切割过程
2. 带夹紧送料装置
3. 带安全保护装置
4. 不同的速度和宽的切割范围。
5. 液压传动，运行简单，保养方便。

1. Automatic cutting process
2. With clamping feeding device
3. With safety protection device
4. Different speed and wide cutting range.
5. Hydraulic transmission, simple operation, easy maintenance.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	BS-712N	BS-280G	BS-460G	BS-912B
90°锯切圆料 90° Circular	mm(")	178(7")	220(8.6)	330(13)	229(9)
90°锯切方料 90° Rectangular	mm(")	178*305(7"*12")	250*155(10*6.1)	460*250(18*9.8)	178*305(7*12)
60°锯切圆料 60° Circular	mm(")	——	100(4)	205(8)	——
60°锯切方料 60° Rectangular	mm(")	——	80*95(3.1*3.7)	205*250(8*9.8)	——
45°锯切圆料 45° Circular	mm(")	127(5")	160(6)	305(12)	150(6)
45°锯切方料 45° Rectangular	mm(")	120*125(4.75"*4.88")	160*110(6.3*4.3)	305*250(12*9.8)	127*150(5*6)
锯切速度 (50HZ) Blade speed(50HZ)	mpm	22,34,49,64	40/80	40/80	26,50,73,95
锯切速度 (60HZ) Blade speed(60HZ)	mpm	27,41,59,78	48/96	48/96	32.60,88,115
锯条尺寸 Blade size	mm	20*0.9*2362	27*0.9*2450	27*0.9*3960	27*0.9*2655
主电机功率 Main motor power	kw	0.75 1HP(3PH),1.1KW 1.5HP(1PH)	0.75/1.1	1.5/2.2	1.1
结构 Drive		皮带 V-belt	齿轮 Gear	齿轮 Gear	-
机床重量 Machine weight	kg	140/180	254/287	750/830	230/260
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1250*510*1150	1330*800*1720	2310*1070*1630	1540*590*1150

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GH4220 GH4230 GH4235 GH4240 GH4250 GH4260 GH4270 GH4280

带锯床 BAND SAWING MACHINE

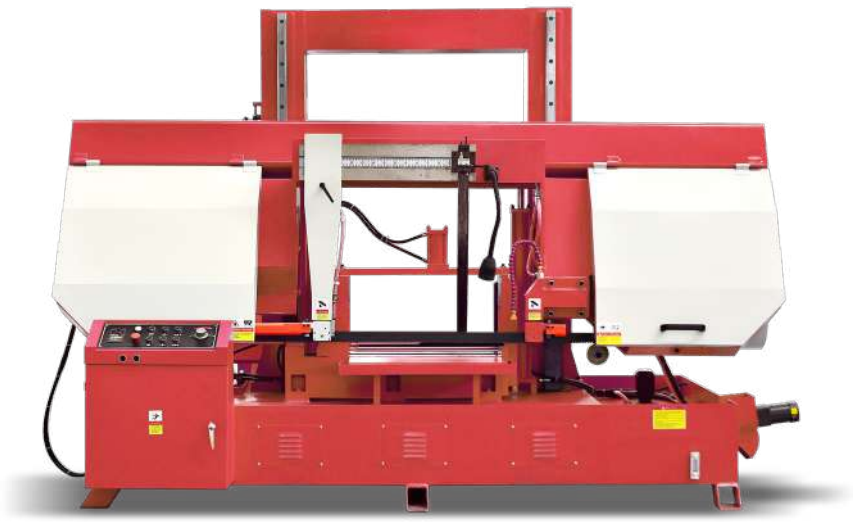
GH4230

GH4240

GH4260

TECHNICAL SPECIFICATIONS	Units	GH4228	GH4230	GH4235	GH4240	GH4250	GH4260	GH4270	GH4280
锯切能力 Cutting capacity	mm	200×200	300×300	350×350	400×400	500×500	600×600	700×700	800×800
带锯条线速度 Blade speed	m/min	27.45.69	27.45.69	27.45.69	27.45.69	27.45.69	27.45.69	27.45.69	27.45.69
带锯条规格 Blade size(mm)	mm	2750×27×0.9	3505×27×0.9	4115×34×1.1	4800×41×1.3	5650×41×1.3	6640×41×1.3	7350×54×1.6	8800×54×1.6
主电机功率 Main motor Power(Kw)	kw	1.5KW	2.2KW	3KW	4KW	5.5KW	5.5KW	7.5KW	7.5KW/11KW
液压电机功率 Hydraulic motor power(kw)	kw	0.37KW	0.55KW	0.75KW	0.75KW	1.5KW	1.5KW	2.2KW	2.2KW
冷却泵 Cooling pump(w)	w	0.04KW	0.04KW	0.04KW	0.04KW	0.04KW	0.09KW	0.125KW	0.150KW
工作夹紧方式 Worktable Clamping type	-	液压虎钳 hydraulic vise							
主传动结构 Main driving struction	-	蜗轮传动 Worm gear transmission							
送料方式 Feeding type	-	滚轮滑动 Wheel sliding							
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	1400×850×1250	1800×1000×1600	2000×1050×1700	2400×1100×1850	2800×1250×2000	3200×1450×2200	3600×1500×2400	4200×1700×2500
机床重量 Machine weight	kg	350KG	700KG	900KG	1200KG	1800KG	2700KG	3500KG	5500KG

GH42100 GH42120 GH42150 GH42180
带锯床
BAND SAWING MACHINE



▶ 主要特点 MAIN FEATURES

1. 双立柱结构，运行稳定，切割平稳，精度高。
2. 液压控制锯切进给速度，无级调速。
3. 锯片导轨新结构采用硬质合金锯片，延缓锯片使用寿命。
4. 选配：上压装置和电动送料。

1.Double column structure, Operate stability, stable cutting and high precion.
2.Hydraulic control saw cutting feed speed, stepless speed regulation.
3. The new structure of saw blade guide adopts hard metal alloy blade to delay the service life of sawblade.
4.Optional : The upper pressing device and electric feeding.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	GH42100	GH42120	GH42150	GH42180
锯切能力 Cutting capacity	mm	1000-1000* 1000	400 - 400 * 400	500 - 500 *500	1800-1800*1800
带锯条线速度 Blade speed	m/min	15-60 variable speed	15-60 variable speed	10-50 variable speed	15-50 variable speed
带锯条规格 Blade size(mm)	mm	9820*67*1.6	10800*67*1.6	14850*80*1.6	17000*80*1.6
主电机功率 Main motor Power(Kw)	kw	11	15	18.5	18.5
液压电机功率 Hydraulic motor power(kw)	kw	3.75	3.75	5.5	5.5+1.5
冷却泵 Cooling pump(w)	w	0.09	0.09	0.37	0.37
工作夹紧方式 Worktable Clamping type	-	液压虎钳 hydraulic vise			
主传动结构 Main driving struction	-	齿轮传动 Gear reducer			
锯条张紧方式 Saw band tensioning method	-	液压 hydraulic			
送料方式 Feeding type	-	滚轮滑动 Wheel sliding	电动滚筒辅助送料或液压滑轮式 Electric roller auxiliary feeding or hydraulic pulley type		
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	4560*2170*3040	4835*2180*3340	6800*2300*4800	6800*4000*4100
机床重量 Machine weight	kg	6800KG	8800KG	11800KG	15800KG

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Our company has been conducting research and improvement work on machines, so we reserve the right to improve technical parameters at any time without prior notice.

GHS4230 GHS4235 GHS4240 GHS4250
数控带锯床
CNC BAND SAWING MACHINE

▶ 主要特点 MAIN FEATURES

1. 数控双柱金属带锯床采用进口 PLC 系统，7 寸触摸屏组成人机界面系统控制，可预设 5 组数据，锯切精度高。
2. 手动和自动 一体化、转换灵活、设计合理、稳定性强、切割效率高，适用于中小批量材料锯切、束锯。
3. 主要用于锯切各种黑色金属和有色金属

1. The CNC double-column metal band sawing machine adopts imported PLC system, 7-inch touch screen composed of human-computer interface system control, and 5 sets of data can be preset and has high sawing accuracy..
2. Manual and automatic integration, flexible conversion, reasonable design, strong stability, high cutting efficiency, suitable for small and medium batch material sawing, bundle sawing.
3. Mainly used for sawing various ferrous and non-ferrous metals

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	GHS4230	GHS4235	GHS4240	GHS4250
锯切能力 Cutting capacity	mm	300×300	350×350	400×400	500×500
带锯条线速度 Blade speed	m/min	27、45、69			
带锯条规格 Blade size(mm)	mm	3505×27×0.9	4115×34×1.1	5000×41×1.3	5800×41×1.3
主电机功率 Main motor Power(Kw)	kw	3	4	4	5.5
液压电机功率 Hydraulic motor power(kw)	kw	0.75	0.75	0.75/1.5	1.5
冷却泵 Cooling pump(w)	kw	0.04	0.04	0.04	0.09
工作夹紧方式 Worktable Clamping type	——	液压 hydraulic			
主传动结构 Main driving struction	——	蜗轮传动 Worm gear transmission			
送料方式 Feeding type	——	液压自动 Hydraulic automatically			
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	2100×2050×1700	2220×2200×1800	2600×2200×1950	2900×2250×2100
机床重量 Machine weight	kg	1300	1450	1300	2300

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GHS4260 GHS4270 GHS4280
数控带锯床
CNC BAND SAWING MACHINE

▶ 主要特点 MAIN FEATURES

1. 数控双柱金属带锯床采用进口 PLC 系统，7 寸触摸屏组成人机界面系统控制，可预设 5 组数据，锯切精度高。
2. 手动和自动 一体化、转换灵活、设计合理、稳定性强、切割效率高，适用于中小批量材料锯切、束锯。
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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	GHS4260	GHS4270	GHS4280
锯切能力 Cutting capacity	mm	600×600	700×700	800×800
带锯条线速度 Blade speed	m/min	27、45、69		
带锯条规格 Blade size(mm)	mm	6640×41×1.3	7350×54×1.6	8800×54/67×4.6
主电机功率 Main motor Power(Kw)	kw	5.5	7.5	7.5/11
液压电机功率 Hydraulic motor power(kw)	kw	1.5	2.2	2.2
冷却泵 Cooling pump(w)	kw	0.09	0.125	0.150
工作夹紧方式 Worktable Clamping type	——	液压 hydraulic		
主传动结构 Main driving struction	——	蜗轮传动 Worm gear transmission		
送料方式 Feeding type	——	液压自动 Hydraulic automatically		
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	3200×2750×2200	3600×2850×2400	4200×3000×2550
机床重量 Machine weight	kg	3000	4300	7000

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GHZ4230 GHZ4235 GHZ4240 GHZ4250 GHZ4260

转角带锯床

ROTAYR BAND SAWING MACHINE

▶ 主要特点 MAIN FEATURES

1. 数控双柱金属带锯床采用进口 PLC 系统，7 寸触摸屏组成人机界面系统控制，可预设 5 组数据，锯切精度高。
2. 手动和自动 一体化、转换灵活、设计合理、稳定性强、切割效率高，适用于中小批量材料锯切、束锯。
3. 主要用于锯切各种黑色金属和有色金属

1. The CNC double-column metal band sawing machine adopts imported PLC system, 7-inch touch screen composed of human-computer interface system control, and 5 sets of data can be preset and has high sawing accuracy..
2. Manual and automatic integration, flexible conversion, reasonable design, strong stability, high cutting efficiency, suitable for small and medium batch material sawing, bundle sawing.
3. Mainly used for sawing various ferrous and non-ferrous metals

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	GHZ4230	GHZ4235	GHZ4240	GHZ4250	GHZ4260
锯切能力 Cutting capacity	mm	0° 300×300 45° 300×240	0° 350×400 45° 350×280	0° 400×450 45° 400×300	0° 500×600 45° 500×400	0° 600×700 45° 600×500
带锯条线速度 Blade speed	m/min	27、45、69				
带锯条规格 Blade size(mm)	mm	3900×27×0.9	4500×34×1.1	5000×41×1.3	5800/6000×41×1.3	7350×41×1.3 7350×54×1.3
主电机功率 Main motor Power(Kw)	kw	3	4	4	5.5	5.5
液压电机功率 Hydraulic motor power(kw)	kw	0.55	0.75	0.75	1.5	1.5
冷却泵 Cooling pump(w)	kw	0.04	0.04	0.04	0.09	0.09/0.125
工作夹紧方式 Worktable Clamping type	——	液压 hydraulic				
主传动结构 Main driving struction	——	蜗轮传动 Worm gear transmission				
送料方式 Feeding type	——	液压自动 Hydraulic automatically				
外形尺寸（长×宽×高） Overall dimension	mm	2000×1350×1650	2200×1400×1750	2550×1500×1900	3000×1700×2200	3600×2200×2450
机床重量 Machine weight	kg	900	1150	1450	2100	3500

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GHSZ4230 GHSZ4235 GHSZ4240 GHSZ4250 GHSZ4260

数控转角带锯床

CNC ROTAYR BAND SAWING MACHINE

▶ 主要特点 MAIN FEATURES

1. 天使双柱带锯床工作台可液压回转 45°，实现螺旋切割材料。
2. 日本欧姆龙 PLC 控制系统，全自动控制，自动送料，自动锯切等循环工作，光栅尺检测，角度液压控制

1.The Angel double column band sawing machine worktable could swiving 45° by hydraulic , realise helical cutting material .
2.Japan Omron PLC controlsystem, fully automatic control, automatic feeding, automatic sawing and other cyclic work, grating ruler detection, angle hydraulic control of th

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	GHSZ4230	GHSZ4235	GHSZ4240	GHSZ4250	GHSZ4260
锯切能力 Cutting capacity	mm	0° 300×300 45° 300×240	0° 350×400 45° 350×280	0° 400×450 45° 400×300	0° 500×600 45° 500×400	0° 600×700 45° 600×500
带锯条线速度 Blade speed	m/min	27.45.69				
带锯条规格 Blade size	mm	3900×27×0.9	4500×34×1.1	5000×41×1.3	5800/6000×41×1.3	7350×54×1.6
主电机功率 Main motor Power(Kw)	kw	3	4	4/5.5	5.5	5.5/7.5
液压电机功率 Hydraulic motor power(kw)	kw	0.75	0.75	0.75/1.5	1.5	1.5
冷却泵 Cooling pump(w)	w	0.04	0.04	0.04	0.09	0.09
工作夹紧方式 Worktable Clamping type		液压虎钳 hydraulic vise				
主传动结构 Main driving struction		蜗轮传动 Worm gear transmission				
外形尺寸（长×宽×高）Overall dimension	mm	2000×2500×1650	2200×2650×1800	2550×2750×2000	3000×3000×2250	3600×3000×2500
机床重量 Machine weight	kg	1600	1900	2250	2650	3600

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Y41 系列液压机

Y41 SERIES HYDRAULIC MACHINE

▶ 主要特点 MAIN FEATURES

Y41 系列液压机是一种通用性强的多功能机械。适用于轴类零件、轴套类零件的压装及压印、套印动作。也可用于要求不严格的粉状、塑料制品的压制。同时，主要应用于机床、工程机械、电气元件、轴承、洗衣机、汽车零部件、电机零部件等领域。

Y41 Series Hydraulic Press is a kind of multifunctional machine which has strong generality. It is suitable for the press fitting of shaft components and axle sleeve parts as well as the movements ofcoining and overprinting. It can also be used to press powder and plastic products which the requirements are not strict. At the same time, it mainly applies to the fields of machine tool, engineeringmachinery, electrical components, bearings, washing machine, automobile parts and motor components.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Y41-20	Y41-40	Y41-63	Y41-100	Y41-160
公称力 Nominal force	kn	200	400	630	1000	1600
系统压力 Effective stroke	mm	260	260	280	320	360
最大开口 Max.Opening height	mm	600	600	700	700	800
喉深 Throat depth	mm	200	220	240	280	320
滑块下行速度 The slide block descending speed	mm/s	16	19	13	10	13
滑块回程速度 The stide block retun speed	mm/s	19	25	17	13	20
工作台左右有效长 Worktable effective area (Leff and right)	mm	500	500	600	700	800
工作台前后有效长 Worktableeffective area (front and back)	mm	400	400	450	500	600
落料孔直径 Blanking hole diameter	mm	80	100	120	200	200
机器尺寸 Machine size	mm	980*630*1670	1080*1090*2450	1180*700*2020	1380*800*2120	1450*800*2240
电机功率 Motor power	kg	3	3	5.5	5.5	5.5

TECHNICAL SPECIFICATIONS	Units	Y41-200	Y41-250	Y41-315	Y41-500
公称力 Nominal force	kn	2000	2500	3150	5000
系统压力 Effective stroke	mm	400	400	500	500
最大开口 Max.Opening height	mm	1000	1000	1200	1200
喉深 Throat depth	mm	360	420	500	600
滑块下行速度 The slide block descending speed	mm/s	15	15	50	50
滑块回程速度 The stide block retun speed	mm/s	20	20	60	55
工作台左右有效长 Worktable effective area (Leff and right)	mm	800	900	1050	1200
工作台前后有效长 Worktableeffective area (front and back)	mm	700	800	900	1050
落料孔直径 Blanking hole diameter	mm	220	220	240	240
机器尺寸 Machine size	mm	1850*990*2450	1980*1090*2580	2150*1040*3420	2300*1280*3640
电机功率 Motor power	kg	7.5	7.5	15	22

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YM 系列液压机

YM SERIES HYDRAULIC MACHINE

▶ 主要特点 MAIN FEATURES

YM 系列龙门液压机是一种通用性强的多功能机械。适用于轴类零件、轴套类零件的压装及压印、套印动作。也可用于要求不严格的粉状、塑料制品的压制。同时，主要应用于机床、工程机械、电气元件、轴承、洗衣机、汽车零部件、电机罗部件等领域。

YM Series Gantry hydraulic press is a kind of multifunctional machine which has strong generality. It is suitable for the press fitting of shaft components and axle sleeve parts as well as the movements of coining and overprinting. It can also be used to press powder and plastic products which the requirements are not strict. At the same time, it mainly applies to the fields of machine tool, engineering machinery, electrical components, bearings, washing machine, automobile parts and motor components

1. 龙门钢框架结构
2. 采用液压滑枕，具有手动和脚踏功能
3. YM 液压机用于组装、拆卸、对中、冲压、绘图、校直、冲孔。

1. Gateway steel frame structure
2. Adopts the hydraulic ram with manual and foot-operated functions
3. YM hydraulic press is used for assembly, disassembly, centering, stamping, drawing, straightening and punching.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	YM-20	YM-40	YM-63	YM-100
公称力 Nominal force	kn	200	400	630	1000
系统压力 Effective stroke	Mpa	31.5			
最大开口高度 Max.Opening height	mm	560			600
有效行程 Effective stroke	mm/s	200	200	220	600
工作台左右有效长 Worktable effective area (Leff and right)	mm	400	400	400	550
工作台前后有效长 Worktableeffective area (front and back	mm	450	500	500	500
落料孔直径 Blanking holediameter	mm	60	80	100	140
电机功率 Motor power	kg	3	3	5.5	5.5
CAN BE CUSTOMIZED ACCORDING TO CUSTOMER REQUIREMENTS					

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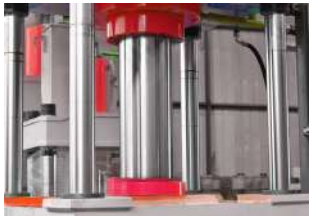
YQ32 系列四柱液压机

YQ32 SERIES FOUR-COLUMN HYDRAULIC MACHINE



▶ 主要特点 MAIN FEATURES

Y41 系列液压机是一种通用性强的多功能机械。适用于轴类零件、轴套类零件的压装及压印、套印动作。也可用于要求不严格的粉状、塑料制品的压制。同时，主要应用于机床、工程机械、电气元件、轴承、洗衣机、汽车零部件、电机零部件等领域。

Y41 Series Hydraulic Press is a kind of multifunctional machine which has strong generality. It is suitable for the press fitting of shaft components and axle sleeve parts as well as the movements ofcoining and overprinting. It can also be used to press powder and plastic products which the requirements are not strict. At the same time, it mainly applies to the fields of machine tool, engineeringmachinery, electrical components, bearings, washing machine, automobile parts and motor components.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	YQ32-63A	YQ32-100	YQ32-160	YQ32-200A	YQ32-250
公称力 Nominal force	kn	630	1000	1600	2000	2500
系统压力 Effective stroke	Mpa	25				
最大开口 Max.Opening height	mm	500	800			1200
滑块有效行程 Slider effective stroke	mm	360	500	500	400	700
工作台尺寸 Working table size	mm	410*510	630*550	660*600	800*800	800*800
下顶缸公称力 Nominal forceof Ejection cylinder	kn	100	200	400	400	400
顶出行程 Eijection stroke	mm	160	200	200	220	220
压力下降速度 Slider workingspeed (empty travel)	mm/s	100				
压力工进速度 Slider workingspeed (press)	mm/s	5-10				
压力上升速度 Slider workingspeed (Return stroke)	mm/s	90				

TECHNICAL SPECIFICATIONS	Units	YQ32-315 YQ32-400	YQ32-500 YQ32-630	YQ32-800 YQ32-100	YQ32-1250	YQ32-1650 YQ32-2000
公称力 Nominal force	kn	3150（315） 4000（400）	5000（500） 6300（630）	8000（800） 10000（1000）	12500	16000（1650） 20000（2000）
系统压力 Effective stroke	Mpa	25				
最大开口 Max.Opening height	mm	1250	1500	1800（800） 1600（1000）	1600	1800
滑块有效行程 Slider effective stroke	mm	800	900	1000（800） 900（1000）	900	1000
工作台尺寸 Working table size	mm	1260*1160	1400*1400（500） 1600*1600（630）	1500*1500	1800*1600	1600*1600（1650） 2000*1800（2000）
下顶缸公称力 Nominal forceof Ejection cylinder	kn	630	1000	1000	1000	1600（1650） 2000（2000）
顶出行程 Eijection stroke	mm	300	300	350	350	350
压力下降速度 Slider workingspeed (empty travel)	mm/s	120	150	150（800） 160（1000）	160	160（1650） 200（2000）
压力工进速度 Slider workingspeed (press)	mm/s	5-15	10-22	10-22	10-22	10-22
压力上升速度 Slider workingspeed (Return stroke)	mm/s	90	120	120（800） 140（1000）	140	140（1650） 180（2000）

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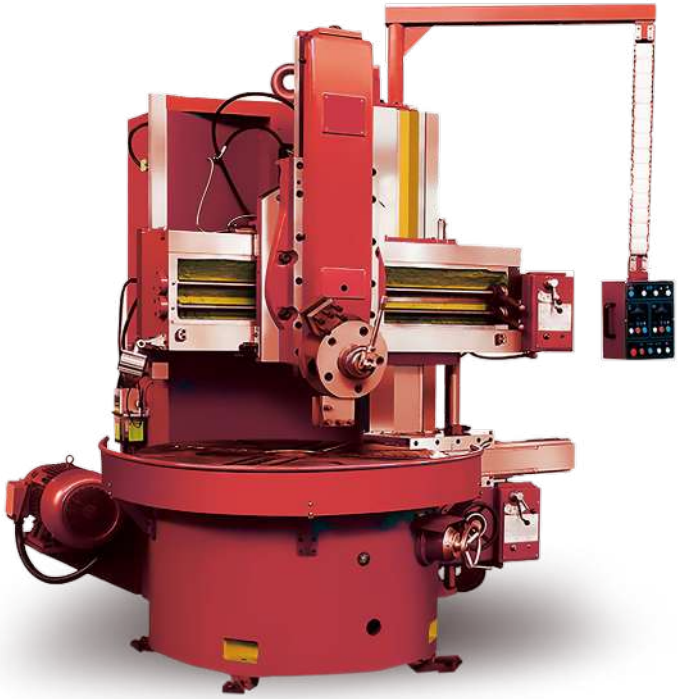
C5110/C5112/C5116/C5120 立式车床

VERTICAL LATHE



▶ 主要特点 MAIN FEATURES

本机适用于加工各种有色金属、黑色金属及部分非金属材料的高速钢刀具和硬质合金刀具。
车削内外圆柱表面；内外锥面车削

This machine is suitable for high-speed steel cutter and carbide cutter for machining all kinds of non-ferrous metals, ferrous metals and part of non metallic material. Turning inside and outside cylindrical surface; Turning inside and outside conical surface

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	C5110	C5112	C5116	C5120
工作台直径 Table diameter	mm	900	1000	1400	1800
最大车削直径 Max.turning diameter	mm	1000	1250	1600	2000
最大车削高度 Max.height of workpiece	mm	800	1000	1200/1400	1250
最大工件重量 Max weight of workpiece	T	2	3.5	5	8
工作台转速范围 Table speed steps	rpm	8-250	6.2-200	6.2-200	3.2-100
工作台转速级数 Table speed steps		18	18	22	22
工作台最大扭矩 Max.torque of table	N.m	20000	25000	30000	40000
刀架进给量范围 Vertical tool post feed range	mm	0-500	0-500	0-500	0-500
刀架进给量级数 Vertical tool post feed steps	mm	16	16	16	16
垂直刀架最大切削力 Max Cutting force of vertical tool post	KN	18	18	22	22
垂直刀架最大行程（水平） Max travel of vertical tool post (horizontal)	mm	670	700	915	1050
垂直刀架最大行程（垂直） Side tool post travel(vertical)	mm	650	650	800	800
垂直刀架调整角度 Swivel angle of vertical tool post	°	±30	±30	±30	±30
侧刀架最大切削力 Max. Cutting force of side tool post	N	23000	23000	23000	23000
侧刀架行程（水平） Side tool post travel(horizontal)	mm	630	630	630	630
侧刀架行程（垂直） Side tool post travel(vertical)	mm	900	900	900	900
刀架快速移动速度 Tool post rapid traverse	mm/min	2300	2300	2300	2300
刀具尺寸 Tool size	mm	30*40	30*40	30*40	30*40
横梁最大行程 Max. travel of cross beam	mm	650	650	800	800
横梁升降电机功率 Cross beam lifing motor power	kw	2.2	2.2	2.2	2.2
主电机功率 Main motor power	kw	18.5	22	22/30	30
机床重量 Machine weight	kg	8500	9000	12000	175000
外形尺寸（长 × 宽 × 高） Overall dimension	mm	2187*2200*2760	2360*2270*2800	2830*2670*3010/3210	3200*2800*3250

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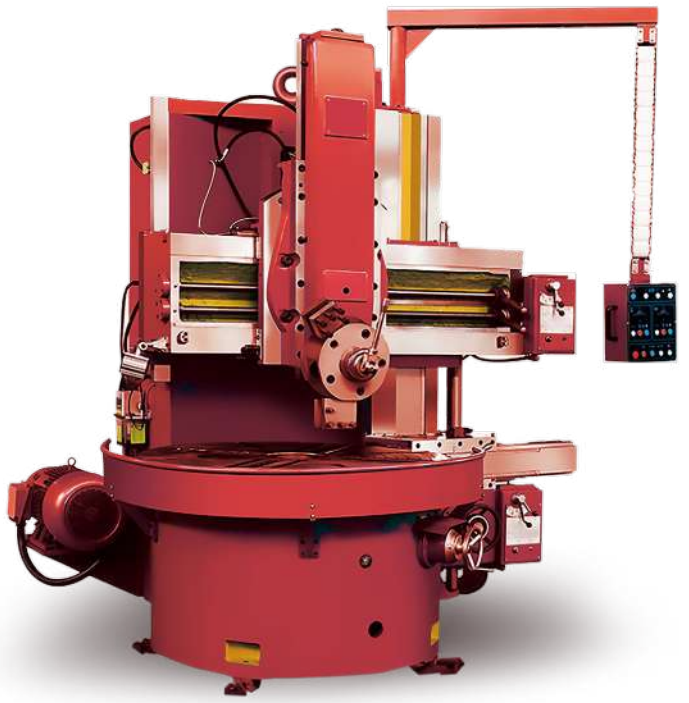
C5123 C5126 C5132 立式车床

C5123 C5126 C5132 VERTICAL LATHE



▶ 主要特点 MAIN FEATURES

本机适用于加工各种有色金属、黑色金属及部分非金属材料的高速钢刀具和硬质合金刀具。
车削内外圆柱表面；内外锥面车削

This machine is suitable for high-speed steel cutter and carbide cutter for machining all kinds of non-ferrous metals, ferrous metals and part of non metallic material. Turning inside and outside cylindrical surface; Turning inside and outside conical surface

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	C5123	C5126	C5132
工作台直径 Table diameter	mm	2000	2300	2830
最大车削直径 Max.turning diameter	mm	2300	2600	3200
最大车削高度 Max.height of workpiece	mm	1350/1600	1500/1800	1500/1800
最大工件重量 Max. weight of workpiece	T	8	10	12
工作台转速范围 Table speed steps	rpm	3.2-100	2.5-80	2-63
工作台转速级数 Table speed steps		22	22	22
工作台最大扭矩 Max.torque of table	N.m	40000	45000	45000
刀架进给量范围 Vertical tool post feed range	mm	0-500	0-500	0-500
刀架进给量级数 Vertical tool post feed steps	mm	16	16	16
垂直刀架最大切削力 Max. Cutting force of verticaltool post	KN	22	22	22
垂直刀架最大行程（水平） Max. travel of vertical tool post(horizontal)	mm	1180	1600	1800
垂直刀架最大行程（垂直） Side tool post travel(vertical)	mm	1000	1000	1000
垂直刀架调整角度 Swivel angle of vertical tool post	°	±30	±30	±30
侧刀架最大切削力 Max. Cutting force of side tool post	N	23000	23000	23000
侧刀架行程（水平） Side tool post travel(horizontal)	mm	630	630	630
侧刀架行程（垂直） Side tool post travel(vertical)	mm	900	900	900
刀架快速移动速度 Tool post rapid traverse	mm/min	2300	2300	2300
刀具尺寸 Tool size	mm	30*40	30*40	30*40
横梁最大行程 Max travel of cross beam	mm	1000	1000	1000
横梁升降电机功率 Cross beam lifing motor power	kw	2.2	2.2	2.2
主电机功率 Main motor power	kw	30	37	45
机床重量 Machine weight	kg	185000	21000	26000
外形尺寸（长 × 宽 × 高） Overall dimension	mm	3210*2850*3300/3500	3300*4000*3500/3800	3300*4000*3500/3800

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C5225 C5263 立式车床

VERTICAL LATHE

▶ 主要特点 MAIN FEATURES

本机适用于加工各种有色金属、黑色金属及部分非金属材料的高速钢刀具和硬质合金刀具。
车削内外圆柱表面；内外锥面车削

This machine is suitable for high-speed steel cutter and carbide cutter for machining all kinds of non-ferrous metals, ferrous metals and part of non metallic material. Turning inside and outside cylindrical surface; Turning inside and outside conical surface

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	C5225	C5263
工作台直径 Table diameter	mm	2250	5700
最大车削直径 Max.turning diameter	mm	2500	6300
最大车削高度 Max.height of workpiece	mm	1600	3150
最大工件重量 Max. weight of workpiece	T	10	50
工作台转速范围 Table speed steps	rpm	2-63	0.5-40
工作台转速级数 Table speed steps		16	
工作台最大扭矩 Max.torque oftable	N.m	63000	100000
右刀架最大切削力 Max. cutting force of right tool post	mm	35000	40000
右刀架水平行程 Horizontal travel of right toolpost	mm	-50-1400	3450
右刀架垂直行程 Vertical travel of right tool post	mm	1000	1600
右刀架进给量范围 Right tool post feed range	mm/min	0.24-145	
左刀架最大切削力 Max.cutting force of left tool post	N	30000	50000
左刀架水平行程 Horizontal travel of left tool post	mm	-1450	-3450
左刀架垂直行程 Vertical travel of left tool post	mm	1000	1600
左刀架进给量范围 Left tool post feed range	mm/min	0.24-145	
垂直刀架调整角度 Swivel angle of vertical tool post	°	±30	
垂直刀架快速移动速度 Vertical tool post rapid traverse	mm/min	1550	2000
滑枕截面 Ram section size	mm	255*200	240*240
刀具尺寸 Tool size	mm	40*50	50*50
横梁最大行程 Max travel of cross beam	mm	1250	2650
横梁升降电机功率 Cross beam lifing motor power	kw	11	15
主电机功率 Main motor power	kw	55	90
机床重量 Machine weight	kg	34000	90000
外形尺寸（长 × 宽 × 高） Overall dimension	mm	5180*4700*4800	11500*7500*9300

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C5232 C5240 C5250 立式车床

VERTICAL LATHE

▶ 主要特点 MAIN FEATURES

本机适用于加工各种有色金属、黑色金属及部分非金属材料的高速钢刀具和硬质合金刀具。
车削内外圆柱表面；内外锥面车削

This machine is suitable for high-speed steel cutter and carbide cutter for machining all kinds of non-ferrous metals, ferrous metals and part of non metallic material. Turning inside and outside cylindrical surface; Turning inside and outside conical surface

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	C5232 xH/20	C5240 xH/20	C5240 xH/32	C5250 xH/40	C5250 xH/65	C5250 xH/80
最大车削直径 Max.turning diameter	mm	3200	4000	4000	5000	5000	5000
工作台直径 Table diameter	mm	2500	2830	3200	4000	4500	4500
最大车削高度 Max.height of workpiece	mm	2000/2500	2000/2500	2000/2500	2500/3150	2500/3150	3150/4000
最大工件重量 Max weight of workpiece	T	20	20	32	40	65	80
工作台最大扭矩 Max.torque of table	KN.m	63	63	63	80	100	150
工作台转速范围 Table speed steps	rpm	2-63	2-63	0.42-42	0.42-42	0.42-42	0.42-42
垂直刀架最大切削力 Max.cutting force of rail head	KN	35	35	40	50	60	63
垂直刀架搬度极限 Swivel of rail head	-	±30°	±30°	±30°	±30°	±30°	±30°
刀架进级量范围 Range of feed rates	mm/min	0.2-145	0.2-145	0.2-145	0.2-145	0.2-145	0.2-145
垂直刀架水平行程 Horizontal travel of rail head	mm	1750	2150	2150	2765	2765	2765
垂直刀架滑枕行程 Ram travel of rail head	mm	1250/1600	1250	1250	1250/1600	1250/1600	1600/2000
刀架快速移动速度 Rapid traverse of tool heads	mm/min	1550	1550	1550	1550	1550	2500
刀杆截面尺寸（宽 x 高） Height of tool bar section(W*H)	mm	40*50	40*50	50*50	50*50	50*50	50*50
主电动机功率 Power of main motor	KW	55	55	75	75	90	90
外形尺寸（长 x 宽 x 高） Overall dimensions(L* W*H)	mm	610*480* 520/570	690*510* 640/690	690*550* 640/690	1000*650* 710/840	1000*700* 723/853	1000*700* 940/1070
机床重量（约） Machine weight	T	34/36	44/46	51/52	64/66	81/84	118/122

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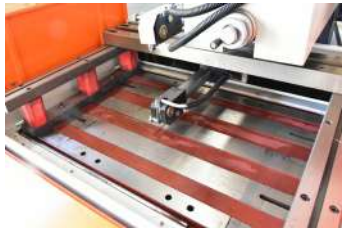
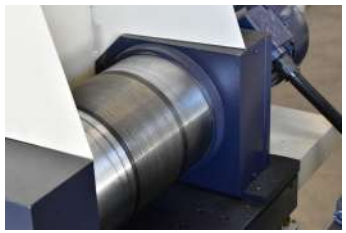
DK 系列·线切割机

DK SERIES WIRE CUTTING MACHINE





▶ 主要参数 PRODUCT PARAMETERS

Machine Model	Units	DK7720	DK7725	DK7735	DK7745F	DK7745	DK7755	DK7755F	DK7763	DK7763F	DK7780	DK77100
工作台行程 Worktable travel	mm	200*250	250*320	350*450	450*700	450*550	550*630	550*800	630*800	630*1000	800*1000	1000*1200
线架跨度 Wire frame span	mm	200	300	480	480	480	600	600	600	600/800	600	1000
加工锥度 Processing taper	°	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80	6°、15°、30°/80
最大切割速度 Processing taper	mm^2/min	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90	⩾ 90
最佳加工面粗糙度 Optimum machining surface roughness	um	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2	⩽ 2
电极丝直径 Electrode Wire Diameter	mm	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20
电极丝定行速度 Electrode Wire Diameter	m/s	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
工作台移动脉冲当量 Worktable movement pulse equivalent	mm	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
最大工件重量 Max loading weight	kg	100	200	300	450	450	700	700	1000	1000	2000	2600
主机重量 Machine weight	kg	800	1200	1300	2000	1800	2400	2600	3200	3500	4000	5600
主机外形尺寸 Machine overall size	mm	1160*810*1300	14854*1010*1400	1240*1170*1400	1700*1600*1600	1600*1240*1400	1720*1680*1700	2000*1900*1700	2100*1940*1780	2300*2200*1800	2600*2400*1800	3000*2800*2500

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DK 精密数控慢走丝线切割机

DK PRECISION CNC SLOW WALKING WIRE CUTTING MACHINE

▶ 主要参数 PRODUCT PARAMETERS

Machine Model	Units	LA350	LA350A	LA500	LA500A	LA800	LA800A
最大工件 尺寸 Max. workpiece size	mm	950x600	900×650	1100×700	1050×700	1350×950	1300×1000
工作台面 Table surface	mm	590×370	640×400	745×510	745×510	1120×820	1210x820
机床主机 Main machine	mm	1450x1450×2080	1450×1450×2080	1750×1610x2150	1750x1610×2150	3450×3520×2740	3600x3500×2740
控制机 Control machine	mm	1330×620x1770	1330x620x1770	1330x620×1770	1330×620x1770	1330x620×1770	1330x620x1770
工作液箱 Working fluid tank	mm	1400×750x1240	1500x800×1350	1400x750x1240	1500×800x1350	2060×750x1300	2200×1100×1350
辅助工作液箱 Auxiliary working fluid tank	mm	------	710x335x875	—-----	1230×450x1100	------	1500x800x1030
最大工件重量 Max. workpiece weight	kg	350	350/170(浸水加工 Processed in water)	700	700/480(浸水加工 Processed in water)	1200	1200/900(浸水加工 Processed in water)
机床本体（净重 / 毛重） Machine body (net/gross weight)	kg	1990/2290	2000/2300	2640/2940	2700/3000	5600/6700	5700/6800
工作液箱（净重 / 毛重） Working fluid tank (net/gross weight)	kg	330/580	450/800	330/580	500/850	600/850	700/1100
控制机（净重 / 毛重） Controller (net/gross weight)	kg	620/760	620/760	620/760	620/760	620/760	620/760
X/Y/Z 轴行程 X/Y/Z axis travel	mm	350x250×220	350×250×220	500x350×270	500x350x270	800x630×360	800×630x360
U V 轴行程 U/V axis travel	mm	70×70	70x70	70×70	70x70	100×100	100x100
最大切割斜度 Max. cutting slope	mm	±15° /100mm	±15° /100mm	±15° /100mm	±15° /100mm	±20° /100mm	±20° /100mm
最大切割厚度 Max. cutting thickness	mm	210	210/130(浸水加工 Processed in water)	260	260/180(浸水加工 Processed in water)	350	350/280(浸水加工 Processed in water)
X/Y 轴光栅尺 X/Y axis scale	——	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration
拐角精度控制 Corner accuracy control	——	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration
工艺数据库 Process database	——	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration	标准配置 Standard configuration
加工方式 Processing method	——	喷流加工 Jet processing	喷流加工 / 浸水加工 Jet processing / Processed in water	喷流加工 Jet processing	喷流加工 / 浸水加工 Jet processing / Processed in water	喷流加工 Jet processing	喷流加工 / 浸水加工 Jet processing / Processed in water
最大加工电流 Max. processing current	A	25	25	25	25	25	25
电极丝直径范围 Electrode wire diameter range	mm	ф0.15-0.3	ф0.15-0.3	ф0.15-0.3	ф0.15-0.3	ф0.15-0.3	ф0.15-0.3
电极丝最大运丝速度 Max. wire speed of the electrode wire	m/min	≤ 12	≤ 12	≤ 12	≤ 12	≤ 12	≤ 12
电极丝卷重量 Electrode wire roll weight	kg	5	5	5	5	5	5
电极丝张力 Electrode wire tension	kgf	0.32.5	0.32.5	0.32.5	0.32.5	0.32.5	0.32.5
工作液容量 Working fluid capacity	L	440	500+110	440	500+300	440	1200+600
工作液纯水器 Working fluid purifier	——	去离子交换树脂 Deionization exchange resin					
工作液过滤方式 Working fluid filtration method	——	可换式纸芯过滤器 Interchangeable Paper Core Filters					
工作液过滤纸芯数量 Number of working fluid filter cores	只	1	4	1	4	2	4
显示器 Display	——	液晶触摸显示器 (标准配置) Liquid Crystal Touch Monitor(Standard configuration)					
电源容量 Power supply capacity	KVA	10KVA	10KVA	10KVA	10KVA	10KVA	10KVA
自动穿丝系统 Automatic threading system	——	选配 Optional	选配 Optional	选配 Optional	选配	选配	选配

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Y38-1 Y3150/3 滚齿机

Y38-1 Y3150/3 GEAR HOBBING MACHINE

▶ 主要特点 MAIN FEATURES

Y38 型滚齿普通精密滚齿机 , 适用于批量或单件生产和加工圆柱直齿轮、斜齿轮和蜗轮的工作。采用高速钢滚刀进行工作。

Y38 type hobbing ordinary precision hobbing machine, suitable for batch or single-piece productionand processing of cylindrical spur gears, helical gears and worm gears work.The use of high-speedsteel hob to work.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Y38-1	Y3150/3
最大加工模数 Max working module (steel 钢材)	mm	6	5
最大加工模数 Max working module (Cast iron 铸件)	mm	8	6
加工直齿圆柱齿轮最大直径 (带有立柱 (mm)) Max diameter of cutting cylindrical straight gear (with trestle (mm))	mm	450	350
加工直齿圆柱齿轮最大直径 (不带立柱 (mm)) Max diameter of cutting cylindrical straight gear (without trestle(mm))	mm	800	500
加工圆柱螺旋齿轮最大直径 (当螺旋角为 30°时) Max diameter of cutting Cylindrical helical gear (Rotation angle 30)	mm	500	370
加工圆柱螺旋齿轮最大直径 (当螺旋角为 60°时) Max diameter of cutting Cylindrical helical gear (Rotation angle 60")	mm	190	250
滚刀最大直径 Max diameter of hob	mm	275	260
滚刀的最大垂直行程长度 Max vertical travel of hob (mm)	mm	120	240
刀具心轴与齿轮胚中心线间的距离 (最大) Distance from hob center to gear embryonic axis (Max(mm))	mm	55	320
不卸刀架滑板护罩及销钉 (最小 (MM)) with tool post、sliding plate.shield and dowel (Min(mm))	mm	30	25
由台面至滚刀心轴轴线的最小距离 Minimum distance from worktable surface to hob axis (mm)	mm	195	170
装刀具的可换心轴直径 The changeable spindle diameter of of hob (mm)	mm	22 27 32	22 27 32
滚刀轴向移动行程长度 The travel length of hob axial movement(mm)	mm	30	120
工作台孔直径 Diameter of workingtable hole (mm)		80	60
工作台心轴直径 Diameter of worktable axis(mm)	mm	35	30
主轴转速（级数) Speed of Hob main spindle (Grade)	mm	7	8
主轴转速（范围)Speed of Hob main spindle (Range (r/min))	mm	47.5-192	50-275
工件每转一转刀具的垂直给进量 The workpiece vertical feed	mm	0.25-3	0.24-4.25
主电机功率 Main motor power	KW	3	3
主电机速度 (转 / 分)	r/min	1420	1430
机器重量 (千克)	KG	3300	2600
尺寸	MM	2290×1100×1910	1825×935×1730

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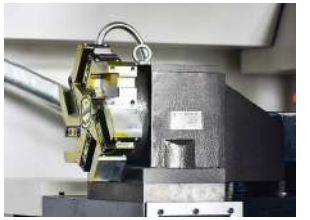
Y31125E Y31160E Y311250E 滚齿机

Y31125E Y31160E Y311250E GEAR HOBBING MACHINE



▶ 主要特点 MAIN FEATURES

1. 适用于批量或单件生产或加工直齿轮、斜齿轮、蜗轮、链轮。
2. 本机具有耐钢性好、强度高、精度高、操作、调整、维修方便等特点。
3. 可以轴向或径向顺铣和逆铣加工齿轮。

1.It is applicable to produce or process spurgear, helical gear, worm gear and sprocket in batch or piece unit.
2.This machine is provided with the characteristic of excellent steel resistance, high intension, highprecision, easy-operating, adjusting and maintaining etc.
3.It can process gear with down milling and up milling method in axial or radial way.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	Y31125E	Y31125E (Heightening)	Y31160E	Y311250E
最大工件直径（有后立柱 / 无后立柱)Max. workpiece diameter(with rear column/no rear column)	mm	1000/1250	1000/1250	1300/1600	1950/2500
最大加工模数 (钢 / 铸铁) Max.machining modular(steel/cast iron)	mm	8/12	8/12	8/12	8/12
最大加工宽度（中心距≥ 400)Max machining width (center distance ≥ 400)	mm	450	740	500	740（center distance≥615）
滚刀最大直径 / 长度 Max.hob diameter/length	mm	260/300	260/300	260/300	260/300
工作台面直径 / 蜗轮直径 Worktable diameter/Worm wheel diameter	mm	1000/825	1000/825	1200/985	1380/1225
滚刀主轴转速 / 级数 Hob spindle rotate speed/grade	rpm	16~125/7	16~125/7	19~125/7	16~100/6
刀具主轴最大轴向窜动量 Max.axial movement value of hob spindle	mm	100	100	100	100
主轴锥孔 Taper bore of the spindle		MT6	MT6	MT6	MT6
滚刀中心到工作台面的距离 Distance from hob centre to worktable	mm	220~690	220~980	220~740	220~980
滚刀中心与工作台中心间距离 Distance from hob centre to worktable centre	mm	100~750	100~750	190~940	(170)300~1400
外支架端面到工作台面距离 Distance from outersupport surface to worktable centre	mm	500~900	500~1200	580~1000	580~1200
工作台孔径 Worktable aperture	mm	220	220	275	275
刀架最大回转角度 Max.swivel angle of tool post		±60°	±60°	±60°	± 60°
工作台承重 (t) Worktable loading capacity		3	3	3	5
工件心轴直径 Workpiece mandrel spindle diameter	mm	60	60	60	60
主电 Main motor	kw/rpm	11/1440	11/1440	15/1440	15/1440
机床轮廓尺寸 L×W×H Machine overall dimension	mm	3750×2040×2500	3750×2040×2800	4082×2390×2520	5000×2675×2800
重量 (约)Weight(about)	kg	13500	13900	17000	22000

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B635A BC6050 BC6063 BC6066 牛头刨床

SHAPING MACHINE

▶ 主要特点 MAIN FEATURES

采用强度高材料铸造而成，确保机床长期的使用 .
进给系统采用凸轮机构，调整进给量，改变走刀量装有制动停车机构

Casting made of high-strength materialsto ensure long-term use of the machinetool
The feed system adopts a cam mechanism to adjust the feed rate and change the tool feed rate.Equipped with a brake parking mechanism

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	B635A	BC6050	BC6063	BC6066
滑枕最大刨削长度 Max.Ram shaping length	mm	350	500	630	660
滑枕运动次数 Ram moving frequency / minute	times/ min	32-125	14-80	14-80	14-80
工作台尺寸 Table size	mm	350*300	440*360	630*400	660*400
工作台水平行程 Table horizontal travel	mm	400	525	630	630
工作台垂直行程 Table vertical travel	mm	270	270	360	360
滑枕底端到工作台面距离 Distance between ram lower end to table surface	mm	330	370	385	385
刀架最大行程 Tool head travel	mm	110	120	120	120
刀架回转角度 Tool head tilt angle	°	± 60			
刀杆最大尺寸 Tool size	mm	20*30			
工作台 T 型槽宽度 Table T-slot width	mm	14	18	18	18
主电机功率 Main motor power	kw	1.5	3	3	3
机床重量 Machine weight	kg	1250	1760	1870	1920
工作台 T 型槽宽度 Table T-slot width	mm	1500*1100*1500	2000*1300*1600	2000*1300*1650	2000*1300*1650

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BC6085 BC60100 BY60100 牛头刨床

SHAPING MACHINE

▶ 主要特点 MAIN FEATURES

采用强度高材料铸造而成，确保机床长期的使用 .
进给系统采用凸轮机构，调整进给量，改变走刀量装有制动停车机构

Casting made of high-strength materialsto ensure long-term use of the machinetool
The feed system adopts a cam mechanism to adjust the feed rate and change the tool feed rate.Equipped with a brake parking mechanism

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	BC6085	BC60100	BY60100
滑枕最大刨削长度 Max.Ram shaping length	mm	850	1000	1000
滑枕运动次数 Ram moving frequency /minute	times/ min	17-100	15-83	3-44
工作台尺寸 Table size	mm	800*450	1000*500	1000*500
工作台水平行程 Table horizontal travel	mm	710	800	800
工作台垂直行程 Table vertical travel	mm	360	380	380
滑枕底端到工作台面距离 Distance between ram lower end to table surface	mm	400		
刀架最大行程 Tool head travel	mm	160		
刀架回转角度 Tool head tilt angle	°	± 60		
刀杆最大尺寸 Tool size	mm	30*45		
工作台 T 型槽宽度 Table T-slot width	mm	22		
主电机功率 Main motor power	kw	5.5	7.5	7.5
机床重量 Machine weight	kg	3090	5150	5150
工作台 T 型槽宽度 Table T-slot width	mm	2450*1450*1800	3700*1600*1800	3700*1600*1800

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B5020 B5032 B5040 插床

SLOTTING MACHINE

▶ 主要特点 MAIN FEATURES

插床用于插削平面、成型面及键槽等，并能插倾斜度在 10°范围内的模具等工作物，适用于单个或小批量生产的企业。
插床的工作台具有三种不同方向的进给 (纵向、横向和回转)

The slotting machine is used for slotting planes,forming surfaces and keyways,etc.,and can insert work objects such as molds with an inclination within 10° .It is suitable for single or small batch production enterprises.
The table of the slotting machine has three different directions of feed(longitudinal,horizontal and rotary)

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	B5020	B5032	B5040
最大插削长度 Max.slotting length	mm	200	320	400
工件最大加工尺寸 (长 * 宽) Max.dimensions of workpiece(L*H)	mm	600*220	600*320	700*320
工件最大重量 Max.weight of workpiece	kg	500	500	500
最大切削力 Max.cutting force	N	7500	7500	7500
滑枕往复次数 No.of strokes per minutem	r.p.m	32.50.80.125	20.32.50.80	20.32.50.80
滑枕垂直调整距离 Vertical ajustment of ram	mm	230	315	435
滑枕倾斜角度 Inclination of ram	°	0-8		0-8 度
刀头支承面至床身前壁间距离 Distance between tool holdingsurface and column front	mm	485	600	600
插刀杆最大尺寸 (宽 * 高)Max. tool shank size (W*H)	mm	25*40	25*40	25*40
工作台直径 Table diameter	mm	500	630	630
工作台面至滑架下端间距离 Distance between table surface and low end of ram	mm	320	490	690
工作台最大纵向移动距离 (机动 / 手动)Max.longitudinal travel of table	mm	480/500	480/630	480/620
工作台最大横向移动距离 (机动 / 手动)Max.cross travel of table	mm	480/500	480/560	480/560
工作台最大回转角度 Max. Rotary angle of table	°	±360	±360	±360
工作台纵横机动进给范围 Range of table longitudinal and cross power feeds	mm	0.08-1.21	0.08-1.21	0.08-1.21mm
工作台回转进给范围 Range of table power feeds	mm	0.052-0.783	0.052-0.783	0.052-0.783
主电动机功率 Power of rapid drive motor	kw	3	4	4
主电动机转速 Rotating speeed of main drive motor	r.p.m	1430	960	960
机床轮廓尺寸 (长 * 宽 * 高) Overall dimensions (L*W*H)	mm	1916*1305*1995	2180*1505*2285	2180*1505*2285
机床重量 (约)Weight(approx)	kg	2200	3500	3500

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B5050 B5063 B50100 B51125 插床

SLOTTING MACHINE

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	B5050	B5063	B50100	B51125
滑枕最大插削长度 Max.ram slotting length	mm	500	630	1000(内孔 850)	1250(内孔 1000)
滑枕运动次数 Ram moving frequency per minute	times/ min	9-50	8-30	4-25/7-25	4-30/7-35
刀头支撑面到床身立柱间距离 Distance from cutter head to column surface	mm	990	1120	1120	1600
滑枕底端到工作台面距离 Distance between ram lower end	mm	740	800	1140	1650
工作台直径 Table diameter	mm	1000	1120	1250	1400
工作台纵向行程 Table longitudinal travel	mm	660	1000	1200	1400
工作台横向行程 Table cross travel	mm	1000	700	1000	1120
工作台最大回转角度 Table rotation angle	°	360	360	360	360
工作台回转进给范围 Table rotary feed range	mm	3-36	3-39	0.4-10	0.1-5
工作台纵横向机动进给量范围 Table feed range(longitudinal and cross)	mm	0.10-1.20	0.10-1.30	0.2-5	0.2-3
主电机功率 Main motor power	kw	7.5	11	37	37
机床重量 Machine weight	kg	10300	11000	22000	26000
外形尺寸 (长 × 宽 × 高) Overall dimension	mm	3480*2085*3307	3580*2390*3660	4400*2830*5730	4600*3200*6760

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▶ 主要特点 MAIN FEATURES

插床用于插削平面、成型面及键槽等，并能插倾斜度在 10°范围内的模具等工作物，适用于单个或小批量生产的企业。
插床的工作台具有三种不同方向的进给 (纵向、横向和回转)

The slotting machine is used for slotting planes,forming surfaces and keyways,etc.,and can insert work objects such as molds with an inclination within 10° .It is suitable for single or small batch production enterprises.
The table of the slotting machine has three different directions of feed(longitudinal,horizontal and rotary)

TX68 TX611 TPX611 镗床

BORING MACHINE

● 主要特点 MAIN FEATURES

本系列机床适用于镗削汽车、拖拉机等内燃机汽缸孔和缸套内孔，也可用于其它机械的修理加工，也可用于其它机械零件，内孔的精密镗削加工。主要用于中、大及重型发动机的维修。

Mainly for boring cylinder hole & cylinder liner inner hole ofofinternal-combustion engine of vehicles & tractors.also used for fine boring inner hole of other parts. mainly for medium/large/heavy engines.

● 主要参数 product parameters

TECHNICAL SPECIFICATIONS	Units	TX68	TX611	TPX611
主轴直径 Spindle bore	mm	85	110	110
主轴锥度 Spindle taper	BT	MT5	MT6	MT6
主轴转速范围 Spindle speed range	rpm	25-530(9)	25-450(9)	25-450(9)
工作台工作尺寸 Table size	mm	900*800	1100*900	1100*900
工作台纵向行程 Table longitudinal travel(Z axis)	mm	1400(不带尾座 Without Tailstock)		
工作台横向行程 Table cross fravel(X axis)	mm	700	900	900
主轴箱行程 Spindle box travel(Y axis)	mm	700	900	900
主轴轴向行程 Axial travel of spindle	mm	300	550	550
平旋盘滑块径向行程 (U)Radial stroke of Face boring head slider(U)		——	——	160
平旋盘直径 Face boring head diameter		——	——	520
平 旋 盘 转 速 Face boring head speed		——	——	14 级 6-150
平旋盘最大扭矩 Maximum torque offace boring head		——	——	1150
平旋盘最大镗孔直径 Maximum boring diameter of flat rotating disk		——	——	600
工作台进给速度 Table feed speed(steps)	mm/min	5-160(6) 伺服 servo	6-160(6) 伺服 servo	6-160(6) 伺服 servo
工作台快移 Table rapid traverse	kw	2000	2000	2000
主轴箱升降速度 Spindle box lifting speed	mm	50-400	50-400	50-400
主电机功率 Main motor power	mm	4	5.5	5.5
机床重量 Machine Weight	kg	5000	9000	9500
外形尺寸 mm (LxWxH)Overall Dimensions	mm	2700*1600*2100	3800*2200*2560	3800*2200*2560

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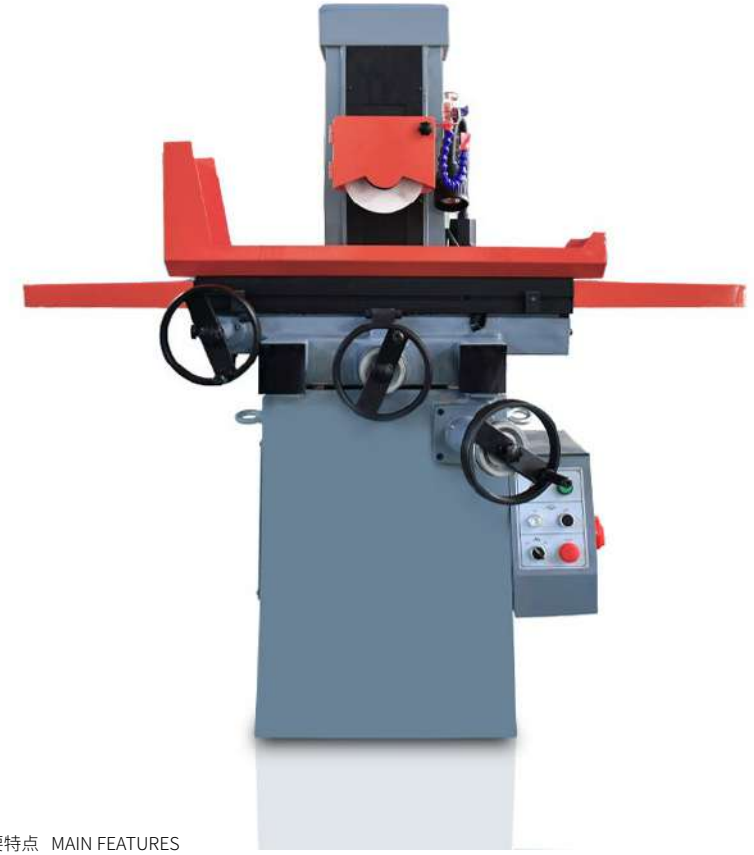
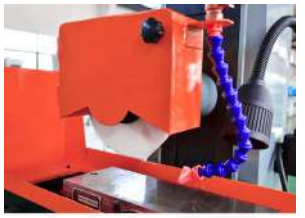
M1022 M820 M618 平面磨床

SURFACE GRINDING MACHINE





● 主要特点 MAIN FEATURES

主轴采用超精密 P4 级滚珠轴承，经过严格的测量预压后，在温室中装配而成，并配有完全防水的迷宫式设计，以确保轴承的使用寿命及研磨的表面粗糙度；可选配滚珠丝杠；具有结构紧凑，操作简便的特点；工作台纵向导轨采用滚动导轨，绳轮结构牵引，轻便灵活。

The spindle adopts ultra-precision P4 class ball bearings, which are assembled in the greenhouse after strict measurement and preloading, and equipped with a completely waterproof labyrinth design to ensure the service life of the bearing and the surface roughness of the grinding; Optional ball screw; It has the characteristics of compact structure and easy operation. The longitudinal guide rail of the workbench adopts rolling guide rail and rope wheel structure traction, which is light and flexible.

● 主要参数 product parameters

TECHNICAL SPECIFICATIONS		Units	M1022	M820	M618
工作台最大切削面积 (长 × 宽)Table max.Cutting area(length × width)		mm	560×250×490	520×220×490	500×190×335
工作台移动量 working table movement	横向 Max. Grinding Length	mm	560	520	500
	纵向 Max. Grinding width	mm	250	220	190
主轴中心到工作台面距离 Distance from spindle center to table surface		mm	480	480	335
工作台滑道 Slide way			V-type Double rail with steel-ball 钢珠双 V 平轨		
工作台最大承受量 Max. work load			250	200	200
工作台尺寸 Worktable size		mm	500×250	480×200	460×180
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		-	14×1	14×1	14×1
工作台速度 Table spedd		m/min	3-23	3-23	3-23
前后手轮进刀量 Front and rear wheel feed	每圈 Revolution	mm	2.5	2.5	4
	每格 Graduation		0.02	0.02	0.02
上下手轮进刀量 On the hand wheel feed	每圈 Revolution	mm	1.25	1.25	2
	每格 Graduation		0.01	0.01	0.01
砂轮尺寸 (外径 × 宽 × 内径) Wheelsize(dia×widthxbore)		mm	200×20×31.75	200×20×31.75	180×13×31.75
主轴转速 50HZ. Spindle speed		-	2800	2800	2800
调频电机〔选配〕Variable frequency motor(matching)		rpm	0-6000	0-6000	0-6000
主轴电机 Spindle motor		kw	1.5	1.5	1.1
冷却泵 Cooling pump		kw	0.04	0.04	0.04
包装尺寸 package size		mm	1400×1160×1960	1460×1160×1960	1240×1080×1800
机床重量 (约)Weight(approx)		T	1.1、1.0	0.85、0.75	0.75、0.65

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MD618 MD820 MD1022 平面磨床

SURFACE GRINDING MACHINE

● 主要特点 MAIN FEATURES

主轴采用超精密 P4 级滚珠轴承，经过严格的测量预压后，在温室中装配而成，并配有完全防水的迷宫式设计，以确保轴承的使用寿命及研磨的表面粗糙度；可选配滚珠丝杠；具有结构紧凑，操作简便的特点；工作台纵向导轨采用滚动导轨，绳轮结构牵引，轻便灵活。

The spindle adopts ultra-precision P4 class ball bearings, which are assembled in the greenhouse after strict measurement and preloading, and equipped with a completely waterproof labyrinth design to ensure the service life of the bearing and the surface roughness of the grinding; Optional ball screw; It has the characteristics of compact structure and easy operation. The longitudinal guide rail of the workbench adopts rolling guide rail and rope wheel structure traction, which is light and flexible.

● 主要参数 product parameters

TECHNICAL SPECIFICATIONS		Units	MD618	MD820	MD1022
工作台台面尺寸 Worktable size(L*W)		m	460×180	480×200	540×250
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		m	500×190	530×220	560×260
工作台最大切削面积（长 × 宽） Table Max. cutting area （L×W）		m	500×190	520×220	540×250
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		mm	1×14	1×14	1×14
砂轮轴中心至工作台面距离 Distance spindle center line to working table		mm	335	450	420
砂轮（WA46K5V）尺寸（外径 × 宽 × 内径） Wheel Size（dia×width×bore）		mm	180×13×31.75	200×20×31.75	200×20×31.75
砂轮转速 （50HZ)Grinding wheel speed		r/m	2850	2850	2850
工作台纵向（左右）速度（无极）Table longitudinal （left and right）speed （stepless）		m/min	3-20	3-20	3-20
工作台横向（前后）进给量 Table horizontal （before and after）the amount of feed	连续 (无级调速) Continuous (stepless)	mm/min	150	150	150
	断续（无极调速） Intermittent （stepless）	mm/ 次	0-5	0-5	0-5
	手轮每转 Handwheel per turn	mm	2.5	2.5	2.5
	手轮每格 Handwheel per lattice	mm	0.02	0.02	0.02
垂直（上下）进给手轮进给量 Vertical（up and down）feed wheel feed	手轮每转 Handwheel per turn	mm	1.25	1.25	1.25
	手轮每格 Handwheel per lattice	mm	0.01	0.01	0.01
换向进给器 Reversing feeder	总输入功率 The total input power	W	150	150	150
	X- 进给器输出转速转 X-feeder output speed.	/min	0-225	0-225	0-225
	X- 进给器尺寸 X-feeder size	m	280×130×120	280×130×120	280×130×120
	Y- 进给器输出转速转 Y-feeder output speed.	/min	0-120	0-120	0-120
	Y- 进给器尺寸 Y-feeder size	m	280×130×120	280×130×120	280×130×120
主轴电机 Spindle motor power		kw	1.1	1.5	1.5
冷却电机 Cooling motor power		kw	0.04	0.04	0.04
工作精度 Processing accuracy		mm	300/0.005	300/0.005	300/0.005
表面粗糙度 Surface roughness		μm	Ra0.32	Ra0.32	Ra0.32
Net 净重		kg	750	800	880
Cross 毛重		kg	800	890	980
包装尺寸（长 × 宽 × 高） Packing size (L×W×H)		mm	1060×1170×1870	1680×1200×1900	1780×1240×1980

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M7132 M7140 平面磨床

SURFACE GRINDING MACHINE

● 主要特点 MAIN FEATURES

- 机床采用左置立柱，侧挂式托板 / 磨头布局，运用成熟的磨头移动型产品的技术，使产品用有良好的结构钢性。具有结构紧凑，操作简便的特点。
- 磨头采用轴瓦式磨头，装入式 7.5KW 电动机驱动，以保证获得良好的切削效果
- 采用涡轮蜗杆结构传动，减少因大磨头自重的力量引起的下滑，使丝杆上下运行时，磨头平稳进刀且保护丝杆。
- The machine adopts left column, side hanging plate/grinding head layout, and adopts mature grinding head mobile product technology to make the product have good structural rigidity. It has the characteristics of compact structure and easy operation.
- The grinding head adopts the bearing type grinding head and is driven by a 7.5KW motor to ensure a good cutting effect
- The turbine worm structure transmission reduces the slide caused by the force of the large grinding head's own weight, so that the grinding head can feed smoothly and protect the screw when the screw is running up and down.

● 主要参数 product parameters

TECHNICAL SPECIFICATIONS		Units	M7132-1000	M7132-1600	M7132-2000	M7140-1000	M7140-1600	M7140-2000
工作台台面尺寸 (长 × 宽) Table size(lengthxwidth)mm		mm	1000×320	1600×320	2000×320	1000×400	1600×400	2000×400
工作台最大纵向行程 Max.longitudinal stroke		mm	1100	1700	2100	1100	1700	2100
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		-	3×18	3×18	3×18	3×18	3×18	3×18
工作台速度 (无极) Table speed(infinite)		m/min	3--25	3--25	3--25	3--25	3--25	3--25
砂轮轴中心至工作台最大距离 Max. distance from the center of the grinding wheel shaft to the worktable		mm	570	570	570	575	575	575
磨头最大行程 Max. stroke of grinding head	横向（手动及液动） Horizontal (manual and hydraulic)	mm	350	350	350	440	440	440
	垂直（手动） Vertical (manual)	mm	400	400	400	400	400	400
砂轮轴转速 Rotating Speed ofGrinding Wheel Shaft		rpm	1440	1440	1440	1440	1440	1440
砂轮尺寸 Grinding wheel size		mm	350×40×127			350×40×127		
垂直进给手轮刻度盘值 Vertical movement of the grinding head by handwheel		mm	0.01	0.01	0.01	0.01	0.01	0.01
手轮每转磨头进给量 Grinding head feed per turn of handwheel		mm	1.00	1.00	1.00	1.00	1.00	1.00
电机总功率 Total motor power		kw	11	12	12	11	12	12
磨头电机功率 Grinding head motor	功率 Power	kw	7.5	7.5	7.5	7.5	7.5	7.5
	转速 Rotatingspeed	r/min	1440	1440	1440	1440	1440	1440
快速升降电机 Fast lifing motor	功率 Power	kw	0.37	0.37	0.37	0.37	0.37	0.55
	转速 Rotatingspeed	r/min	1440	1440	1440	1440	1440	1440
油泵电机 Oil pump motor	功率 Power	kw	3	4	4	3	4	4
	转速 Rotatingspeed	r/min	960	960	960	960	960	960
冷却泵电机 Cooling pump motor	功率 Power	kw	0.125	0.125	0.125	0.125	0.125	0.125
	转速 Rotatingspeed	r/min	2800	2800	2800	2800	2800	2800
油泵 Oil pump	流量 flow	L/min	100	125	125	100	100	125/50
	工作压力 Work pressure	MPa	1.5	1.5	1.5	1.5	1.5	1.5
加工表面对基面的平行度 Parallelism ofthe machinedsurface to the base surface		mm	1000:0.015	1000:0.015	1000:0.015	1000:0.015	1000:0.015	1000:0.015
表面粗糙度 Surface roughness		μm	Ra0.63	Ra0.63	Ra0.63	Ra0.63	Ra0.63	Ra0.63
净重 / 毛重 net weight/Gross weight		kg	3700/4300	4300/4900	4830/5300	3800/4200	5300/6000	6300/7000
外形尺寸 Overall dimensions		mm	2700×1700×2100	4400×1700×2100	5400×1700×2300	2700×1750×2100	4400×1750×2100	5400×1750×2100

本公司随时进行研究改进工作，因此保有随时修改技术参数的权力，变更时恕不另行通知。
Our company has been conducting research and improvement work on machines, so we reserve the right to improve technical parameters at any time without prior notice.

M7150 M7163 平面磨床

SURFACE GRINDING MACHINE

▶ 主要特点 MAIN FEATURES

机床采用左置立柱，侧挂式托板 / 磨头布局，运用成熟的磨头移动型产品的技术，使产品用有良好的结构钢性。 具有结构紧凑，操作简便的特点。

磨头采用轴瓦式磨头，装入式 7.5KW 电动机驱动，以保证获得良好的切削效果

采用涡轮蜗杆结构传动，减少因大磨头自重的力量引起的下滑，使丝杆上下运行时，磨头平稳进刀且保护丝杆。

The machine adopts left column, side hanging plate/grinding head layout, and adopts mature grinding head mobile product technology to make the product have good structural rigidity. It has the characteristics of compact structure and easy operation.

The grinding head adopts the bearing type grinding head and is driven by a 7.5KW motor to ensure a good cutting effect

The turbine worm structure transmission reduces the slide caused by the force of the large grinding head's own weight, so that the grinding head can feed smoothly and protect the screw when the screw is running up and down.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	M7150-1250	M7150-1600	M7150-2000	M7163-1250	M7163-1600	M7163-2000
工作台台面尺寸 (长 × 宽) Table size(lengthxwidth)mm		mm	1250×500	1600×500	2000×500	1250×630	1600×630	2000×630
工作台最大纵向行程 Max.longitudinal stroke		mm	1350	1700	2100	1350	1700	2100
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		-	5×18	5×18	5×18	5×18	5×18	5×18
工作台速度 (无极) Table speed(infinite)		m/min	3--25	3--25	3--25	3--25	3--25	3--25
砂轮轴中心至工作台最大距离 Max. distance from the center of the grinding wheel shaft to the worktable		mm	800	800	800	800	800	800
磨头最大行程 Max. stroke of grinding head	横向（手动及液动） Horizontal (manual and hydraulic)	mm	580	580	580	700	700	700
	垂直（手动） Vertical (manual)	mm	600	600	600	600	600	600
砂轮轴转速 Rotating Speed ofGrinding Wheel Shaft		rpm	1440	1440	1440	1440	1440	1440
砂轮尺寸 Grinding wheel size		mm	400×40×127			400×40×127		
垂直进给手轮刻度盘值 Vertical movement of the grinding head by handwheel		mm	0.01	0.01	0.01	0.01	0.01	0.01
手轮每转磨头进给量 Grinding head feed per turn of handwheel		mm	1.00	1.00	1.00	1.00	1.00	1.00
电机总功率 Total motor power		kw	12	14	14	12	14	14
磨头电机功率 Grinding head motor	功率 Power	kw	7.5	7.5	7.5	7.5	7.5	7.5
	转速 Rotatingspeed	r/min	1440	1440	1440	1440	1440	1440
快速升降电机 Fast lifing motor	功率 Power	kw	0.37	0.55	0.55	0.37	0.55	0.55
	转速 Rotatingspeed	r/min	1440	1440	1440	1440	1440	1440
油泵电机 Oil pump motor	功率 Power	kw	4	5.5	5.5	4	5.5	5.5
	转速 Rotatingspeed	r/min	960	960	960	960	960	960
冷却泵电机 Cooling pump motor	功率 Power	kw	0.125	0.125	0.125	0.125	0.125	0.125
	转速 Rotatingspeed	r/min	2800	2800	2800	2800	2800	2800
油泵 Oil pump	流量 flow	L/min	125	125	125	125	80/80	80/80
	工作压力 Work pressure	MPa	1.5	1.5	1.5	1.5	1.5	1.5
加工表面对基面的平行度 Parallelism ofthe machinedsurface to the base surface		mm	1000:0.015	1000:0.015	1000:0.015	1000:0.015	1000:0.015	1000:0.015
表面粗糙度 Surface roughness		μm	Ra0.63	Ra0.63	Ra0.63	Ra0.63	Ra0.63	Ra0.63
净重 / 毛重 net weight/Gross weight		kg	5300	5800	6500	5600	7000	9000
外形尺寸 Overall dimensions		mm	3200×1700×2350	4500×1700×2350	5600×1700×2350	3210×1900×2500	4400×1900×2500	5400×1900×2500

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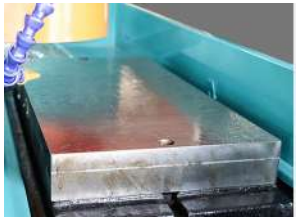
M7215 M7225 平面磨床

SURFACE GRINDING MACHINE



▶ 主要特点 MAIN FEATURES

主要用于粗、精、磨削毛坯及一般精密的大型零件 , 表面 0.8 以上 , 平行度 0.005/300MM 以内。

特别适用于冶金、锯片、汽车、拖拉机、工具、轴承等行业对大型零部件的磨削加工。

Mainly used for rough grinding, fine, rough and precision of large parts of the surface, more than 0.8, theparallel degree within 0.005/300mm.

Especially suitable for metallurgy, automobile, tractor, saw blade, grinding tools, bearings and otherindustries for large parts of the.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	M7215	M7225
工作台最大切削面积 (长 × 宽) Table max.Cutting area(length × width)		mm	500×190×335	560×250×490
工作台移动量 working table movement	横向 Max. Grinding Length	mm	500	560
	纵向 Max. Grinding width	mm	190	250
主轴中心到工作台面距离 Distance from spindle center to table surface		mm	235	490
工作台滑道 Slide way		mm	钢珠 V 平轨 V-type rail with steel-ball	钢珠双 V 平轨 Double V-type rail with steel-ball
工作台最大承受量 Max. worktable load		kg	200	250
工作台尺寸 Worktable size		mm	460×180	500×250
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		-	12×1	14×1
工作台速度 Table spedd		m/min	3-23	3-23
前后手轮进刀量 Front and rear wheel feed	手轮每转 Handwheel per turn	mm	2.5	2.5
	手轮每格 Handwheel per lattice		0.02	0.02
上下手轮进刀量 On the hand wheel feed	手轮每转 Handwheel per turn	mm	1.25	1.25
	手轮每格 Handwheel per lattice		0.01	0.01
砂轮尺寸 (外径 × 宽 × 内径) Wheelsize(dia×widthxbore)		mm	200×16×31.75	200×16×31.75
主轴转速 Spindle speed	50HZ.		2850	2850
	调频电机〔选配〕 Variable frequency motor(matching)	rpm	0-6000	0-6000
主轴电机 Spindle motor		kw	1.1	1.5
冷却泵 Cooling pump		kw	0.04	0.04
包装尺寸 package size		mm	1060×1170×1870	1960×1630×1870
机床重量 (约) Weight(approx)		T	0.75、0.65	1.1、1.0

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MJ7115 平面磨床

SURFACE GRINDING MACHINE

▶ 主要特点 MAIN FEATURES

1. 高品质整体磨头，刚性大，精度高
2. 机床体积小、重量轻，操作、维修方便
3. 手拉油泵集中润滑

1.Integrated grinding head of high quality, high rigidity and accuracy,
2. small size and light weight, easy operation and maintenance,
3. centralized lubrication for oil pump

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	MJ7115	
			公制（Metric）	英制（Inch）
纵向行程	Longitudinal stroke	mm	340mm	14"
横向行程	Cross stroke	mm	170mm	7"
立向行程	Grinding height	mm	210mm	8"
工作台面积（宽 * 长）	Area of table	mm	152mm×304mm	6"×12"
T 型槽宽度	Width of T-slot	mm	1-12mm	1-0.47"
横向手轮每格	Cross feed per graduation	mm	0.02mm	0.001"
横向手轮每转	Cross feed per round	mm	2.54mm	0.1"
立向手轮每格	Vertical feeds per graduation	mm	0.025mm	0.001"
立向手轮每转	Vertical feed per round	mm	1.25mm	0.05"
表面粗糙度	Roughness	μm	1.6μm	
砂轮尺寸	Grinding wheel	mm	180×31.75×13	
磨头电机	Power of motor	kw	0.55	
主机净重 / 毛重	N. W. / G.W.of machine	kg	210/260	
底座净重 / 毛重	N. W. / G.W.of stand	kg	30/54	
主机外形尺寸	Overall dimension of machineL×W×H	mm	930×740×730	
主机包装尺寸	Case dimension of machineL×W×H	mm	1100×760×860	
底座包装尺寸	Case dimension of standL×W×H	mm	720×550×550	

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MY618 MY820 MY1022 MY1224 MY1230 MY1232 平面磨床

SURFACE GRINDING MACHINE

▶ 主要特点 MAIN FEATURES

1. 机床结构合理，刚性好，外型美观，操作方便。
2. 采用精密贴塑导轨面外加精密铲花，进口液压传动，磨削传动采用同步。
3. 系统主机械阀为磨床专用阀，分两部分，机械换向控制，节流调速控制。节流调速部分还有卸荷功能，可实现工作台的暂停。
4. 可磨削各种平面和复杂成型面，适用于不需要机动进刀的磨削加工，可根据用户需要配有永磁吸盘或电磁吸盘。

1.The machine is reasonable in structure, good rigidity, beautiful appearance,convenient operation.
2.Using precision plastic guide surface and precision scraping, grinding imported hydraulic transmission, drive by synchronous.
3.The main mechanical valve is a special valve grinder, is divided into two parts,the mechanical commutation control, throttle control. Throttle control part and unloading function, can realize the station start and stop.
4.Grinding can be all kinds of plane and complex shaped surface, suitable for motor without grinding the feed, according to user needs with a permanent magnet sucker or electromagnetic sucker.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	MY618	MY820	MY1022	MY1224	MY1230	MY1232
工作台台面尺寸 Worktable size(L*W)		m	460×180	480×200	540×250	600×300	700×300	800×320
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		m	500×190	530×220	560×260	630×320	760×370	860×380
工作台最大切削面积（长 × 宽） Table Max. cutting area （L×W）		m	500×190	530×220	560×260	630×320	760×370	860×380
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		mm	1×12	1×14	1×14	1×14	1×14	1×14
砂轮轴中心至工作台面距离 Distance spindle center line to working table		mm	450	450	450	490	540	540
砂轮（WA46K5V）尺寸（外径 × 宽 × 内径） Wheel Size（dia×width×bore）		mm	200×20×31.75	200×20×31.75	200×20×31.75	300×30×75	300×30×75	335×30×127
砂轮转速 （50HZ)Grinding wheel speed		r/m	335	2850	2850	1440	1440	1440
工作台纵向（左右）速度（无极）Table longitudinal (left and right) speed (stepless)		m/min	3-23	3-20	3-20	3-20	5-25	5-25
工作台横向（前后）进给量 Table horizontal （before and after）the amount of feed	连续 (无级调速) Continuous (stepless)	mm/min	150	150	150	150	150	150
	断续（无极调速） Intermittent (stepless)	mm/次	0-5	0-5	0-5	0-5	0-5	0-5
	手轮每转 Handwheel per turn	mm	2.5	2.5	4	4	4	4
	手轮每格 Handwheel per lattice	mm	0.02	0.02	0.02	0.02	0.02	0.02
垂直（上下）进给手轮进给量 Vertical（up and down）feed wheel feed	手轮每转 Handwheel per turn	mm	1.25	1.25	2	2	2	2
	手轮每格 Handwheel per lattice	mm	0.01	0.01	0.01	0.01	0.01	0.01
主轴电机 Spindle motor power		kw	1.5	1.5	1.5	4	4	4
冷却电机 Cooling motor power		w	40	40	40	40	40	40
油压马达 Hydraulic motor		kw	1.5	1.5	1.5	1.5	1.5	1.5
工作压力 Working Pressure		Mpa	3	3	3	3	3	3
油箱容量 Oil tank capacity		L	80	80	80	80	80	80
最大流量 Max. Capacity		L/min	18	18	18	18	18	18
工作精度 Processing accuracy		mm	300/0.005	300/0.004	300/0.004	300/0.004	300/0.004	300/0.004
表面粗糙度 Surface roughness		μm	Ra0.32	Ra0.32	Ra0.32	Ra0.32	Ra0.32	Ra0.32
Net 净重		kg	0.81	1.05	1.25	1.5	2.1	2.5
Cross 毛重		kg	0.85	1.15	1.35	1.65	2.35	2.75
包装尺寸（长 × 宽 × 高） Packing size (L×W×H)		mm	1700×1250×1900	1700×1300×1920	1750×1350×1960	1950×1700×2030	1950×1700×2030	2000×1800×2030

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MY4080 MY4100 MY5100 平面磨床

SURFACE GRINDING MACHINE

▶ 主要特点 MAIN FEATURES

采用树脂砂制造工艺，并经过应力处理，预防变形；采用十字鞍座结构，刚性好，稳定性极佳，外型美观，操作方便；导轨贴塑，并经人工精密铲花，使其导轨磨损降低，保证及延长加工精度。
磨头上下运动，采用涡轮蜗杆结构传动，减少因磨头自重的力量引起的下滑，使丝杆在磨头上下运行时，磨头平稳进刀且保护丝杆。

Adopt resin sand manufacturing process and undergo stress treatment to prevent deformation; adopt cross saddle structure, with good rigidity, excellent stability, beautiful appearance and convenient operation; The guide rail is pasted with plastic and precision shoveled manually to reduce the wear of the guide rail and ensure and extend the processing accuracy.
The grinding head moves up and down, using a worm gear structure to reduce the sliding caused by the weight of the grinding head, so that when the screw is running up and down, the grinding head feeds smoothly and protects the screw.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	MY4080	MY4100	MY5100
工作台台面尺寸 Worktable size(L*W)		m	800×400	1000×400	1250×500
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		m	900×480	1100×480	1350×540
工作台 T 型槽 (槽数 × 槽宽) Table T slot(slot number x slot width)		mm	3×14	3×14	3×14
砂轮轴中心至工作台面距离 Distance spindle center line to working table		mm	600	600	600
砂轮（WA46K5V）尺寸（外径 × 宽 × 内径） Wheel Size（dia×width×bore）		mm	350×40×127	350×40×127	400×40×127
砂轮转速 Grinding wheel speed	50HZ	r/m	1450	1450	1450
	60HZ	r/m	1680	1680	1680
工作台纵向（左右）速度（无极）Table longitudinal（left and right) speed（stepless）		m/min	3-25	3-25	3-25
工作台横向（前后）进给量 Table horizontal（before and after）the amount of feed	连续 (无级调速) Continuous (stepless)	mm/min	600	600	600
	断续（无极调速） Intermittent（stepless）	mm/次	0-8	0-8	0-8
	手轮每转 Handwheel per turn	mm	5.0	5.0	5.0
	手轮每格 Handwheel per lattice	mm	0.02	0.02	0.02
工作台垂直（上下）进给手轮进给量 Table Vertical（up and down）feed wheel feed	手轮每转 Handwheel per turn	mm	0.8/1.0	0.8/1.0	0.8/1.0
	手轮每格 Handwheel per lattice	mm	0.01	0.01	0.01
上下快速速度（近似值）Table fast speed up and down (approximation)		mm/min	500	500	500
主轴电机 Spindle motor power		KW*P	4*4	4*4	5.5*4
冷却电机 Cooling motor power		w	125	125	125
升降电机 Lifting motor		w	180	180	180
油压马达 Hydraulic motor		KW*P	2.2*6	2.2*6	2.2*6
工作精度 Processing accuracy		mm	300:0.005	1000:0.015	1000:0.015
表面粗糙度 Surface roughness		μm	Ra0.4	Ra0.63	Ra0.63
标配吸盘（电磁吸盘）		kg	400×800	400×1000	500×1000
净重 / 毛重 Net weight/Gross weight		kg	2800/3200	2900/3400	3200/3700
包装尺寸（长 × 宽 × 高） Packing size (L×W×H)		mm	2460×2140×2150	2660×2140×2150	3180×2140×2150

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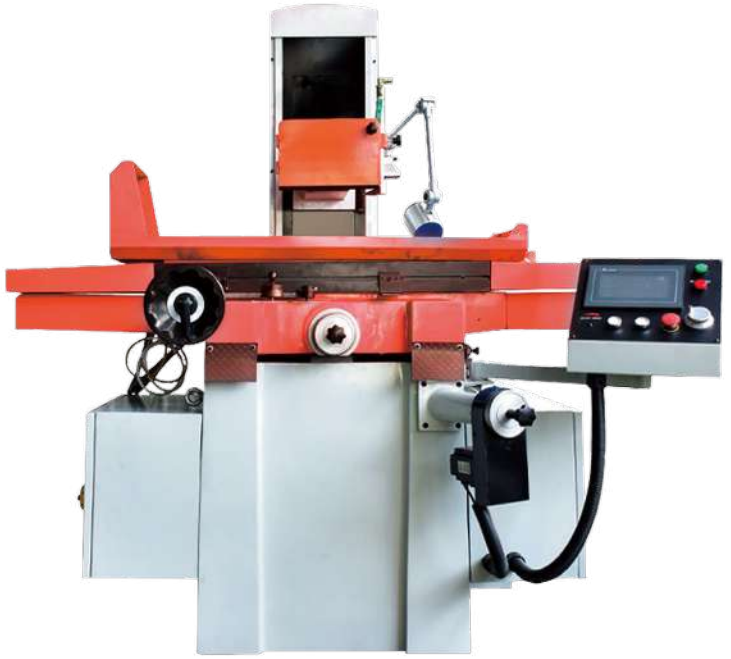
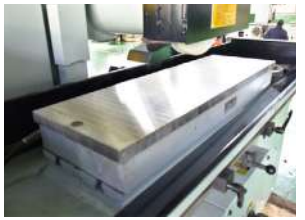
SG2050AH SG2050AHR SG2050AHD
SGA2550AH SGA2550AHR SGA2550AHD
平面磨床 SURFACE GRINDING MACHINE





▶ 主要特点 MAIN FEATURES

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磨头上下运动，采用涡轮蜗杆结构传动，减少因磨头自重的力量引起的下滑，使丝杆在磨头上下运行时，磨头平稳进刀且保护丝杆。

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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	SG2050AH /SG2050AHR /SG2050AHD	SGA2550AH/SGA2550AHR / SGA2550AHD
工作台台面尺寸 Worktable size(L*W)		mm	200×460	250×500
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		mm	238×510	275×560
主轴中心至工作台最大距离 Max.distance from spindle center to table		mm	450	450
卡盘尺寸（可选） Chuck size (Optional)		mm	200×460	250×500
纵向进给 Longitudinal feed		m/min	7~23	
横向进给 Cross feed	自动进给 Auto feed	mm	0.1~8	
	快进速度 Rapid speed	mm/min	990	
	手动进给 Manual feed	mm/div	0.02	
砂轮头垂直移动 Wheel head vertical moving	自动进给 Auto feed	mm	0.005/0.01/0.02/0.03/0.04/0.05(only for AHD series)	
	快进速度 Rapid speed	mm/min	460 (for AHR,AHD series)	
	手动进给 Manual feed	mm/div	0.005	
砂轮尺寸 Grinding Wheel Size		Rpm	50HZ:2850, 60HZ:3450	
砂轮转速 Grinding Wheel Speed		mm	200×20×31.75	
主轴电机 Spindle motor power		Kw	1.5	2.2
液压电机 Hydraulic motor		Kw	0.75	0.75
冷却泵电机 Coolant pump motor		Kw	0.04	0.04
升降电机 Lifting motor		Kw	0.25(AHR series) 0.5(AHD series)	
横向进给电机 Cross feed motor		Kw	0.04	
工作台最大承重 (包括卡盘) Max. table load (include chuck)		Kg	120	180
总额定功率 Total rated power		KVA	3	3.7
机器高度 Height of machine		mm	1675	1675
占地面积 Floor space		mm	1400×2050	2250×1650
包装尺寸（长 × 宽 × 高） Packing size (L×W×H)		cm	178×150×218(AH) 190×170×218(AHD)	200×210×218
总重量 Gross weight		Kg	1600	1800

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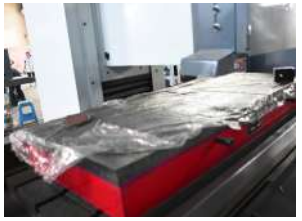
SGA3063AH/AHR/AHD SGA30100AH/AHR/AHD SGA4080AH/AHR/AHD SGA40100AH/AHR/AHD

平面磨床 SURFACE GRINDING MACHINE



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TECHNICAL SPECIFICATIONS		Units	SGA3063AH SGA3063AHR SGA3063AHD	SGA30100AH SGA30100AHR SGA30100AHD	SGA4080AH SGA4080AHR SGA4080AHD	SGA40100AH SGA40100AHR SGA40100AHD
工作台台面尺寸 Worktable size(L*W)		mm	305×635	305×1020	406×813	406×1020
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		mm	340×765	340×1130	450×910	450×1130
主轴中心至工作台最大距离 Max.distance from spindle center to table		mm	580			
卡盘尺寸（可选） Chuck size (Optional)		mm	300×600	300×1000	400×800	400×1000
纵向进给 Longitudinal feed		m/min	7~23			
横向进给 Cross feed	自动进给 Auto feed	mm	0.1~8			
	快进速度 Rapid speed	mm/min	990			
	手动进给 Manual feed	mm/div	0.02			
砂轮头垂直移动 Wheel head vertical moving	自动进给 Auto feed	mm	0.005/0.01/0.02/0.03/0.04/0.05(only for AHD series)			
	快进速度 Rapid speed	mm/min	460 (for AHR,AHD series)			
	手动进给 Manual feed	mm/div	0.005			
砂轮尺寸 Grinding Wheel Size		Rpm	50HZ:1450, 60HZ:1750			
砂轮转速 Grinding Wheel Speed		mm	350×40×127			
主轴电机 Spindle motor power		Kw	5.5			
液压电机 Hydraulic motor		Kw	2.2			
冷却泵电机 Coolant pump motor		Kw	0.125			
升降电机 Lifting motor		Kw	0.25(AHR series) 0.5(AHD series)			
横向进给电机 Cross feed motor		Kw	0.04			
工作台最大承重 (包括卡盘) Max. table load (include chuck)		Kg	270	400	500	600
总额定功率 Total rated power		KVA	9			
机器高度 Height of machine		mm	1890			
占地面积 Floor space		mm	2800×2200	4400×2200	3600×2400	4400×2400
包装尺寸（长 × 宽 × 高） Packing size (L×W×H)		cm	235×222×220	235×222×220	295×227×220	295×227×220
总重量 Gross weight		Kg	2800	3500	3800	4300

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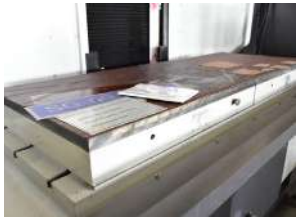
SG60160SD SG60220SD SG80160SD SG80220SD SG80300SD

平面磨床 SURFACE GRINDING MACHINE



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▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	SG60160SD	SG60220SD	SG80160SD	SG80220SD	SG80300SD
工作台台面尺寸 Worktable size(L*W)		mm	610×1600	610×2200	810×1600	810×2200	810×3000
工作台最大行程 (长 × 宽) Max.travel of table (L*W)h		mm	106×1600	610×2200	810×1600	810×2200	810×3000
主轴中心至工作台最大距离 Max. distance from spindle center to table		mm	820/1050				
工作台纵向移动进给 Table longitudinal movement feed		m/min	5~25				
砂轮头横向移动 Wheel head cross movement	自动间歇进给 Auto intermittent feed	mm/t	1~30				
	快进速度 Rapid speed	mm/min	50~2000				
	电动手轮手动进给 Manual feed of electro handwheel	mm/gra	0.005				
砂轮头垂直移动 Wheel head vertical moving	向下进给 Down feed	mm/t	0.005~0.05				
	快进速度 Rapid speed	mm/min	50~2000				
	MPG 进给 MPG feed	mm/gra	0.005				
砂轮转速 Grinding Wheel Speed		Rpm	960				
砂轮尺寸 Grinding Wheel Size		mm	500×75×305				
主轴电机 Spindle motor power		Kw	18.5				
工作台最大承重 (包括卡盘) Max. table load (include chuck)		KG	1230	1690	1630	2240	3060
总额定功率 Total rated power		KVA	28.5			31	
机器高度 Height of machine		mm	2720/2920				
占地面积 Floor space		mm	4700×3000	6000×3000	4700×3500	6000×3500	8200×3600
总重量 Gross weight		Kg	8500	9500	10000	11500	14000

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M1332 M1332A M1350 M1363 MQ1380
外圆磨床
CYLINDRICAL GRINDING MACHINE

● 主要参数 product parameters

TECHNICAL SPECIFICATIONS		Units	M1332	M1332A	M1350	M1363	MQ1380A
可磨外圆最大长度 Max.length ground(O.D)		mm	1000/1500	2000/3000	1500/2000/3000/4000	2000/3000/4000/5000	3000/4000/5000
中心高 Center height		mm	180	180	270	370	500
可磨外圆直径范围 Dia.Ground(O.D)		mm	8~320	8~320	25~500	30~630	50~800
可磨工件最大重量 Max.weight of work piece		Kg	150	500	2000	3000	3000
中心锥度 Work head center taper(MT)		莫氏 (MT)	5	5	6	公制 80#	公制 80#
主轴转速 / 无级变速 Work head spindle speed /Stepless		r/min	50HZ:19~190	50HZ:10~100	50HZ:10~100	50HZ:6~60	50HZ:5~50
砂轮最大尺寸 (外径 x 宽度 x 孔径) Max.dimension of wheel(OD*W*ID)		mm	600*75*305	600*75*305	750*75*305	750*75*305	900*75*305
砂轮线速度 Wheel peripheral velocity		m/s	35	35	35	35	35
手轮一转砂轮架移动量 Hand feed per.rev		mm	粗 rough:2 精 fine:0.5	粗 rough:2 精 fine:0.5	粗 rough:4 精 fine:0.5	粗 rough:4 精 fine:0.5	粗 rough:4 精 fine:0.5
手轮一格砂轮架移动量 Hand feed per.gra		mm	粗 rough:0.01 精 fine:0.0025	粗 rough:0.01 精 fine:0.0025	粗 rough:0.02 精 fine:0.0025	粗 rough:0.02 精 fine:0.0025	粗 rough:0.02 精 fine:0.0025
工作台最大回转角度 Max. swiveling angleor table	顺时针 Clockwise	°	3°	3°	3° (1500) 2° (2000、3000) 1° (4000)	2° (2000) 1° (3000、4000、5000)	1°
	逆时针 Anticlockwise	°	7° (1000) 6° (1500)	5° (2000) 3° (3000)	6° (1500) 5° (2000) 3° (3000) 2° (4000)	4° (2000) 3° (3000) 2° (4000) 1.5° (5000)	3° (3000) 2° (4000) 1.5° (5000)
工作台纵向移动速度范围 Longitudinal speed range of table		m/min	0.1~4	0.1~3	0.1~3	0.1~2.5	0.1~2.5
尾架中心锥度 Tailstock center taper(MT)		莫氏 (MT)	4	5	6	公制 Metric 80#	公制 Metric 80#
尾架套筒手动移动量 Tailstock quill travel		mm	30	30	70	70	70
砂轮架电机功率 Wheelhead motor power		Kw	11	11	15	22	22
头架电机功率 Workhead motor power		Kw	1.5	3	4	15	15
加工精度 Machining accuracy	圆度 Roundness	μm	2.5	3	2.5(1500) 3(2000、3000、4000)	3	3
	直径一致性 Cylindricit	μm	8	8	8(1500、2000、3000) 12(4000)	8(2000、3000) 12(4000、5000)	8(3000) 12(4000、5000)
	粗糙度 Roughness	μm	Ra0.2	Ra0.32	Ra0.32	Ra0.32	Ra0.32
机床重量 Machine weight		t	4(1000) 4.6(1500)	6.2(2000) 7.3(3000)	9.5(1500) 10.5(2000) 11.8(3000) 14(4000)	18(2000) 22(3000) 21(4000) 23.5(5000)	22(3000) 23(4000) 23.5(5000)
外形尺寸 (长 X 宽 X 高) Overall dimension(L*W*H)		cm	326*190*205(1000) 426*190*205(1500)	580*190*205(2000) 780*190*205(3000)	543*225*210(1500) 583*225*210(2000) 796*225*210(3000) 996*225*210(4000)	720*240*226（2000） 876*240*226(3000) 1100*240*226(4000) 1270*240*226(5000)	876*240*230(3000) 1100*240*230(4000) 1270*240*230(5000)

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M1420 M1432B M1432H
内外圆磨床
INTERNAL AND EXTERNAL CYLINDRICAL GRINDING MACHINE

● 主要参数 product parameters

TECHNICAL SPECIFICATIONS		Units	M1332	M1363	MQ1380A
可磨外圆最大长度 Max.length ground(O.D)		mm	570/750	1000/1500	2000/3000
中心高 Center height		mm	125	180	180
可磨外圆直径范围 Dia.Ground(0.D)		mm	5~200	3~320	8~320
可磨内圆直径范围 Dia.Ground(1.D)		mm	13~80	30~100	30~100
可磨内孔最大长度 Max.length ground(ID)		mm	125	125	125
可磨工件最大重量 Max.weight of work piece		Kg	90	150	500
体座回转角度 Work head swiveling angle		°	±90°		
中心锥度 Work head center taper(MT)		莫氏 (MT)	4	4	5
主轴转速 / 无级变速 Work head spindle speed /Stepless		r/min	有级 63/125/250/500 无极 30~300	50HZ:26~260	50HZ:26~260
砂轮最大尺寸 (外径 x 宽度 x 孔径) Max.dimension of wheel(OD*W*ID)		mm	400*50*203		
砂轮线速度 Wheel peripheral velocity		m/s	35		
手轮一转砂轮架移动量 Hand feed per.rev		mm	粗 coarse:1	粗 coarse:2	粗 coarse:2
			精 essence:1	精 essence:0.5	精 essence:0.5
手轮一格砂轮架移动量 Hand feed per.gra		mm	粗 coarse:0.002	粗 coarse:0.01	粗 coarse:0.01
			精 essence:0.001	精 essence:0.0025	精 essence:0.0025
内圆磨具主轴转速 Internal grinding spindle speed		r/min	9245、12250/14848/19600	10000	10000
内圆磨具砂轮尺寸 Internal grinding dimensionof wheel		mm	最大 max50*32*16	最大 max50*25*13	最大 max50*25*13
			最小 min12* 15*5	最小 min17*20*6	最小 min17*20*6
工作台最大回转角度 Max. swiveling angleor table	顺时针 Clockwise	°	9° (500)8° (750)	3°	3°
	逆时针 Anticlockwise	°	9° (500)8° (750)	7° (1000)6° (1500)	5° (2000)3° (3000)
工作台纵向移动速度范围 Longitudinal speed range of table		m/min	0.1~3	0.1~4	0.1~3
尾架中心锥度 Tailstock center taper(MT)		莫氏 (MT)	4	4	5
尾架套筒手动移动量 Tailstock quill travel		mm	25	30	30
砂轮架电机功率 Wheelhead motor power		Kw	5.5	5.5	7.5
内圆磨具电机功率 Internal grinding device		Kw	0.55	1.1	1.1
头架电机功率 Workhead motor power		Kw	0.75	1.5	1.5
加工精度 Machining accuracy	圆度 Roundness	μm	3	2.5	3
	直径一致性 Cylindricit	μm	5(500)8(750)	8	8
	粗糙度 Roughness	μm	Ra0.16	Ra0.0.2	Ra0.32
机床重量 Machine weight		t	3(500) 3.3(750)	3.8(1000) 4(1500)	6.2(2000) 7.2(3000)
外形尺寸 (长 X 宽 X 高) Overall dimension(L*W*H)		cm	203*163*175(500) 293*163*175(750)	326*190*205(1000) 426*190*205(1500)	580*190*205(2000) 780*190*205(3000)

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M1450M M1463 内外圆磨床

INTERNAL AND EXTERNAL CYLINDRICAL GRINDING MACHINE

▶ 主要特点 MAIN FEATURES

采用树脂砂制造工艺，并经过应力处理，预防变形；采用十字鞍座结构，刚性好，稳定性极佳，外型美观，操作方便；导轨贴塑，并经人工精密铲花，使其导轨磨损降低，保证及延长加工精度。
磨头上下运动，采用涡轮蜗杆结构传动，减少因磨头自重的力量引起的下滑，使丝杆在磨头上下运行时，磨头平稳进刀且保护丝杆。

Adopt resin sand manufacturing process and undergo stress treatment to prevent deformation; adopt cross saddle structure, with good rigidity, excellent stability, beautiful appearance and convenient operation; The guide rail is pasted with plastic and precision shoveled manually to reduce the wear of the guide rail and ensure and extend the processing accuracy.
The grinding head moves up and down, using a worm gear structure to reduce the sliding caused by the weight of the grinding head, so that when the screw is running up and down, the grinding head feeds smoothly and protects the screw.

▶ 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS		Units	M1450	M1463
可磨外圆最大长度 Max.length ground(O.D)		mm	1500/2000/3000/4000	2000/3000
中心高 Center height		mm	270	370
可磨外圆直径范围 Dia.Ground(0.D)		mm	25~500	30~630
可磨内圆直径范围 Dia.Ground(1.D)		mm	30~200	30~250
可磨内孔最大长度 Max.length ground(ID)		mm	320	320
可磨工件最大重量 Max.weight of work piece		Kg	1000	3000
体座回转角度 Work head swiveling angle		°	±90°	
中心锥度 Work head center taper(MT)		莫氏 (MT)	6	公制 Metric 80#
主轴转速 / 无级变速 Work head spindle speed /Stepless		r/min	50HZ:20~224	50HZ:14~140
砂轮最大尺寸 (外径 x 宽度 x 孔径) Max.dimension of wheel(OD*W*ID)		mm	500*75*305	600*75*305
砂轮线速度 Wheel peripheral velocity		m/s	35	
手轮一转砂轮架移动量 Hand feed per.rev		mm	粗 coarse:4	粗 coarse:4
			精 essence:0.5	精 essence:0.5
手轮一格砂轮架移动量 Hand feed per.gra		mm	粗 coarse:0.02	粗 coarse:0.02
			精 essence:0.0025	精 essence:0.0025
内圆磨具主轴转速 Internal grinding spindle speed		r/min	10000	10000
内圆磨具砂轮尺寸 Internal grinding dimensionof wheel		mm	最大 max175*32*32	最大 max175*32*32
			最小 min30* 25*10	最小 min30* 25*10
工作台最大回转角度 Max. swiveling angleor table	顺时针 Clockwise	°	3° (1500)2° (2000、3000)1° (4000)	2° (2000)1° (3000、4000、5000)
	逆时针 Anticlockwise	°	6° (1500)5° (2000)3° (3000)2° (4000)	4° (2000)3° (3000)2° (4000)1.5° (5000)
工作台纵向移动速度范围 Longitudinal speed range of table		m/min	0.1~3	0.1~2.5
尾架中心锥度 Tailstock center taper(MT)		莫氏 (MT)	6	公制 Metric 80#
尾架套筒手动移动量 Tailstock quill travel		mm	70	70
砂轮架电机功率 Wheelhead motor power		Kw	5/7.5	7/11
内圆磨具电机功率 Internal grinding device		Kw	1.5	1.5
头架电机功率 Workhead motor power		Kw	4	15
加工精度 Machining accuracy	圆度 Roundness	μm	2.5(1500)3(2000、3000、4000)	3
	直径一致性 Cylindricit	μm	8(1500、2000、3000)12(4000)	8(2000、3000)12(4000、5000)
	粗糙度 Roughness	μm	Ra0.32	Ra0.32
机床重量 Machine weight		t	9.5(1500) 10(2000) 11.7(3000) 14(4000)	18(2000) 19(3000) 23(4000) 26(5000)
外形尺寸 (长 X 宽 X 高) Overall dimension(L*W*H)		cm	543*225*210(1500) 583*225*210(2000) 796*225*210(3000) 996*225*210(4000)	720*240*226(2000) 876*240*226(3000) 1100*240*226(4000) 1270*240*226(5000)

本公司随时进行研究改进工作，因此保有随时修改技术参数的权力，变更时恕不另行通知。
Our company has been conducting research and improvement work on machines, so we reserve the right to improve technical parameters at any time without prior notice.