

BORUI CNC®
CNC MACHINE TOOL

产品目录

PRODUCT CATALOGUE

博采众长 锐意进取



滕州博锐数控机床有限公司
TENGZHOU BORUI CNC MACHINE TOOL CO.,LTD

BORUI CNC[®]

CNC MACHINE TOOL

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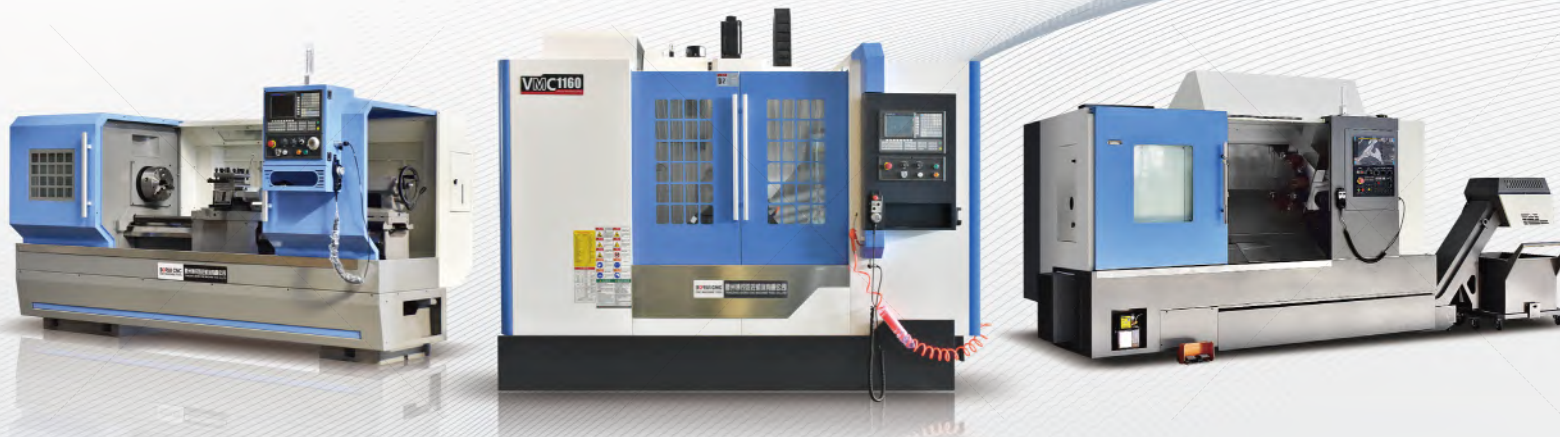
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滕州博锐数控机床有限公司成立于2015年10月，地处滕州市经济开发区，占地面积约6万m²，是一家从事数控机床的生产、研发和外贸销售的高新技术企业。目前主要产品有数控立/卧式加工中心、数控车床、钻攻中心、龙门加工中心等，产品销售遍布欧、美、亚、非各洲。公司技术力量雄厚，人才济济，现有员工100人，其中本科及以上学历占到了80%，有专业的研发团队和实力强劲的销售精英。“博采众长，锐意进取”是公司的经营理念。自成立以来，始终坚持“一流企业、一流产品、一流服务、一流效率”，致力于提供高精、稳定、优质的机床设备，完善的售后服务，使得博锐数控成为了在世界上享有盛誉的数控机床制造商。在公司坚持朝着规模化、产业化的方向发展下，现滕州博锐数控拥有12个国际商标，CE，EAC认证齐全。本公司热忱期望与各国同仁携手一道，共同为推动中国的高新技术产业建设不懈努力，以技术为服务的根基，以客户需求为服务的核心，用最专业的服务打造出让客户满意的产品。

Tengzhou Borui CNC Machine Tool Co., Ltd. was founded in October 2015, is located in Tengzhou Economic Development Zone, covers an area of about 60,000 square meters, is a CNC machine tool production, research and development and foreign trade sales of high-tech enterprises. At present, the main products are CNC vertical/horizontal machining centers, CNC lathes, drilling and tapping centers, gantry machining centers, etc., the products are sold all over Europe, the United States, Asia and Africa. The company has strong technical force and abundant talents. It has 100 employees, 80% of which have a bachelor's degree or above. It has a professional R & D team and strong sales elite. "Learn from others and forge ahead" is the company's business philosophy. Since its establishment, always adhere to the "first-class enterprise, first-class products, first-class service, first-class efficiency", committed to providing high-precision, stable, high-quality machine tool equipment, perfect after-sales service, making Borui CNC has become a world-renowned CNC machine tool manufacturer. In the company adhere to the direction of scale and industrialization, Tengzhou Borui CNC has 12 international trademarks, CE, EAC certification. The company is warmly looking forward to working with colleagues from all over the world to make unremitting efforts to promote the construction of China's high-tech industry, take technology as the foundation of service, take customer needs as the core of service, and create products that satisfy customers with the most professional service.

使命 MISSION

为客户和员工创造价值
Creating value for customers and employees

愿景 VISION

成为全球最值得信赖的机床供应商
Becoming the most trusted machine tool supplier globally

目标 TARGET

一流企业、一流产品、一流服务、一流效率
First-class enterprise, first-class products, first-class services, first-class efficiency

价值观 VALUES

做一个值得信赖的伙伴
Being a trustworthy partner
博采众长，锐意进取
Embrace diverse wisdom, advance boldly
认真生活，快乐工作
Living earnestly, working joyfully

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公司资质



TUV认证



SGS认证



CE认证



ISO9001 认证



商标 认证



专精特新“小巨人”企业

中华人民共和国工业和信息化部
二零二二年八月

2022年度 新型研发机构

山东省枣庄市科技局
二〇二二年七月



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BORUI CNC CATALOG

数控龙门加工中心 CNC GANTRY MACHINING CENTER

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BR2215B 数控龙门加工中心

BR1311A BR1311B BR1512B BR1714B BR2215B
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 linear rail, adapted to 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	BR1311A	BR1311B	BR1512B	BR1714B	BR2215B
X*Y*Z 行程 X*Y*Z Travel	mm	1300*1100*530	1300*1100*530	1500*1200*630	1700*1400*668	2200*1500*800
工作台面尺寸 Table size(X*Y)	mm	1300*1100	1300*1100	1500*1200	1700*1400	2200*1500
最大负荷 Maximum load	kg	2000	2000	3500	5000	9000
主轴鼻端至台面距离 Distance from spindle nose to table	mm	100-630 长鼻主轴 (Proboscinal spindle)	100-640 长鼻主轴 (Proboscinal spindle)	110-740 长鼻主轴 (Proboscinal spindle)	225-895 长鼻主轴 (Proboscinal spindle)	200-1000 长鼻主轴 (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	245	350	345
龙门架内宽 Inner width of gantry frame	mm	1200	1200	1200	1450	1550
龙门架可通过的高度 The height through which the gantry can pass	mm	900	870	950	1000	1160
丝杆规格 (X*Y*Z) Screw specification(X*Y*Z)	mm	40*40*40	40*40*40	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	45*45*45	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:4;Y:4;Z:6	X:4;Y:4;Z:8	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	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-M167	7-M167	7-M20-M18
主轴 (规格·安装直径) spindle(Specifications - Mounting diameter)		150	150	150	150/190	150/190
主轴连接方式 Spindle connection mode		直联 Belt Spindle	直联 Belt Spindle	直联 Belt Spindle	直联 Belt Spindle	直联 Belt Spindle
光机外形尺寸 (长 * 宽高) Optical machine dimensions(L*W*H)	mm	3550*2330*2710	3550*2330*2710	4186*2420*3010	4980*2850*3200	6200*3000*3492
光机重量 (约) Casting body weight(about)	T	5.8	6	9	11.5	14.5
钣金重量 (约) Sheet metal weight(about)	KG	1200	1300	1400	1500	1800

本公司随时进行改进工作，因此保有随时修改技术参数的权力，变更恕不另行通知。
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.

BR1614 BR2014 BR2514 数控龙门加工中心

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BR1614 BR2014 BR2514 THE GANTRY MACHINING CENTER



● 主要特点 MAIN FEATURES

该机床用于各行业各种复杂零件的单件和批量生产，由于该机为高速机，各运动部件的移动快速、灵活，特别适合加工使用本机床可简化工艺，提高效率，增加工厂的经济效益。

This machine tool is used for the single piece and batch production of various complex parts in various industries. As it is a high-speed machine, the movement of various moving parts is fast and flexible, making it particularly suitable for processing. This machine tool can simplify the process, improve work efficiency, and increase the economic benefits of the factory.



● 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-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		
快速进给速度 (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 pecifications/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)		

本公司随时进行研究工作，因此保有随时修改技术参数的权力，变更时恕不另行通知。
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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-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 pecifications/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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该机床使用于各行业的各种复杂零件的单元和批量生产, 由于该机床为高速机, 各运动部件的移动快速、灵活, 特别适合加工使用本机床可简化工艺, 提高工效, 增加工厂的经济效益。

This machine tool is used for the single piece and batch production of various complex parts in various industries. As it is a high-speed machine, the movement of various moving parts is fast and flexible, making it particularly suitable for processing. This machine tool can simplify the process, improve work efficiency, and increase the economic benefits of the factory.

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BR2018 BR2518 BR3018 THE GANTRY MACHINING CENTER



● 主要特点 MAIN FEATURES

- 1. 立柱可加高 100、150、200 mm 等；
- 2. 可选配皮带 BT50-155, 主轴转速 8000r/min;
- 1. The column can be raised by 100, 150, 200 mm, etc;
- 2. Optional belt BT50-155, with a spindle speed of 8000r/min;

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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
主轴承座移动方向行程 (Y 轴 mm) Y axis travel (mm)		2000	2000	2000
主轴承上下移动方向行程 (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-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 way 55 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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BR2720 BR3020(3220) BR4220 BORUI CNC®

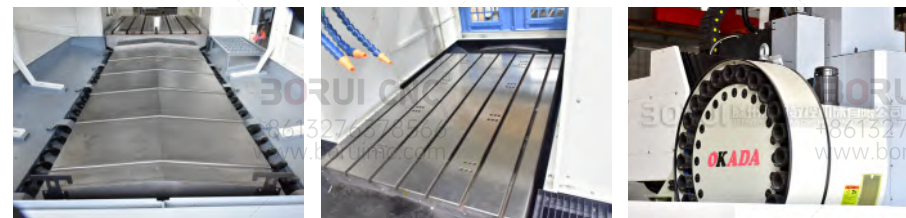
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BR2720 BR3020(3220) BR4220 THE GANTRY MACHINING CENTER



● 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. BR2720/3020, 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)	BR4220
工作台面尺寸 (宽 × 长) (mm) Worktable size (mm)	1800×2500	3000×1800	4000×1800
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)	2000	2000	2000
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)	2000	2000	2000
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)	80 ~ 1180 (选配加高 Optional raised 300mm)		
工作台 T 型槽 (数目-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		
快速进给速度 (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:5010、Z:5010	X:8020、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 Y-axis: linear way 55 Z-axis: Box way	X 轴: 线轨 55 Y 轴: 线轨 55 Z 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 motor	皮带 22kW 电机 (选配直连 11kW 电机) Belt 22kW motor (Optional straight-junction 11kW motor)	皮带 22kW 电机 Belt 22kW 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 (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	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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BR2723 BR3023 BR4023 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. 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-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 ratio 4:1		
	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 pecifications/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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BR3028 BR4028 BR5028 BR6028

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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



● 主要参数 PRODUCT PARAMETERS

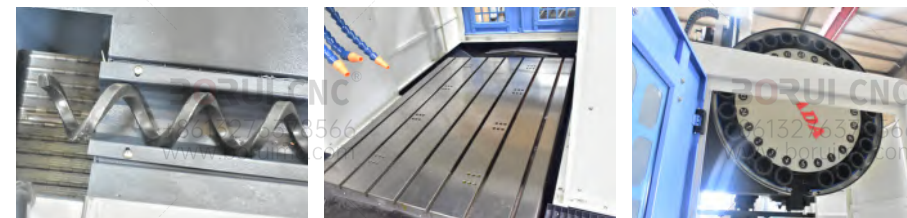
技术参数 SPECIFICATIONS		BR3028	BR4028	BR5028	BR6028
工作台面尺寸 (宽 × 长) (mm)Worktable size (mm)		2300×3000 (optional: 2500×3000)	2300×4000	2300×5000	2300×6000
工作台移动方向行程 (X 轴 mm)X axis travel (mm)		3000	4000	5000	6000
主轴滑座移动方向行程 (Y 轴 mm)Y axis travel (mm)		2800(副行程 3050)2800(secondary trip 3050)			
主轴上下移动方向行程 (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			
		280 ~ 1280(选配加高 optional raise180、250、 300、430) 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-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			
快速进给速度 (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 pecifications/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 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 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)			
主軸上下移动方向行程 (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—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			
快速进给速度 (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			
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		10040×6570×5770	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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● 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

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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—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 pecifications/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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XH7126 XH7132 XH7136 数控铣床

XH7126 XH7132 XH7136 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（螺旋纹、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

技术参数 SPECIFICATIONS	单位 Units	XH7126	XH7132	XH7136(XK7136)
工作台尺寸 Table size	mm	800*260	1000*320	1250*360
工作台最大承重 Max. table load	kg	200	300	400
T型槽尺寸 T-slot qty-width*distance	mm	3-14*75	3-16*75	3-18*80
主轴转速 spindle speed	rpm	8000	8000	8000
主轴端面到工作台距离 spindle nose to table surface	mm	100-500	100-620	100-650
主轴中心到立柱表面距离 Spindle center to Column surface	mm	315	400	465
主轴锥度 Spindle taper		BT40	BT40	BT40
主电机功率 Main motor power	kw	3.7(伺服 servo)	5.5(伺服 servo)	5.5(伺服 servo)
X轴行程 X axis travel	mm	500	630	860
Y轴行程 Y axis travel	mm	300	400	450
Z轴行程 Z axis travel	mm	450	500	550
X/Y/Z轴快速进给 X/Y/Zaxis rapid feed	m/min	15/15/15	20/20/20	20/20/20
定位精度 Positioning accuracy	mm	±0.005	±0.005	±0.008
重复定位精度 Repeat Positioning accuracy	mm	±0.004	±0.004	±0.005
外形尺寸 Overall dimension	mm	2240*1640*2390	2240*1840*1390	3000*2300*2550
净重 Net Wweight	kg	2200	2800	3000

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VMC650 VMC850 VMC855 数控立式加工中心

VMC650 VMC850 VMC855 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 Taiwan 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	VMC650	VMC650P	VMC850	VMC855
X/Y/Z 轴行程 X/Y/Zaxis travel	mm	650/400/500	600/500/500	800/500/500	800/550/550
主轴鼻端至工作台面距离 The distance from spindle center to worktable surface	mm	120-620	120-620	140-640	120-670
主轴中心到立柱表面距离 Spindle center to Column surface	mm	550	550	550	550
T 型槽规格 T-slot	mm	3*18*90	3*18*90	3*18*100	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(φ150)	BT40(φ150)
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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VMC1160 VMC1275 数控立式加工中心
+8613276378566 +8613276378566
VMC1160 VMC1275 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 Taiwan 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、铰孔等多种工序。
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	VMC1275
X/Y/Z 轴行程 X/Y/Z axis travel	mm	1100/600/600	1200/750/600
主轴鼻端至工作台面距离 The distance from spindle center to worktable surface	mm	120-720	120-750
主轴中心到立柱表面距离 Spindle center to Column surface	mm	650	775
T 型槽规格 T-slot	mm	18/120/5	18/100/7
工作台尺寸 Table size	mm	1200*600	1300*700
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	11/15	15/18.5
主轴内孔锥度 spindle taper		BT40(φ150)	BT40(BT50)
X/Y/Z 轴快速进给 X/Y/Z axis rapid feed	m/min	24/24/24	24/24/24
切削进给 Cutting feed speed	mm/min	1-10000	1-10000
定位精度 Positioning accuracy	mm	±0.005	±0.005
重复定位精度 Repeat Positioning accuracy	mm	±0.003	±0.003
刀库容量 Magazine tool capacity	pcs	24 把圆盘 24 (dis type)	24 把圆盘 24 (dis type)
外形尺寸 Overall dimension	mm	3130*2450*2800	3200*2280*3000
机器重量 Machine weight	kg	6800	7500

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VMC1370 VMC1580 VMC1690 VMC1890 数控立式加工中心

VMC1370 VMC1580 VMC1690 VMC1890 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 Taiwan 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.



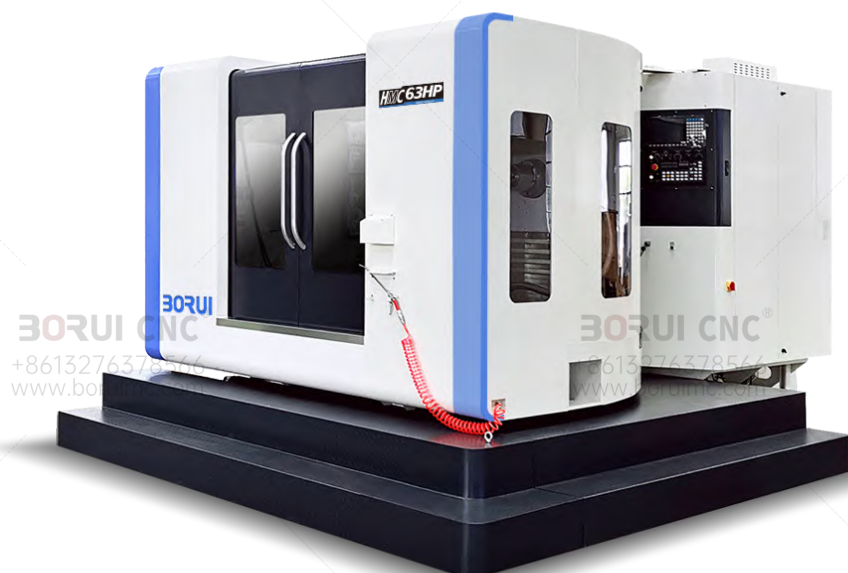
● 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	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	155-855	170-800	150-950
主轴中心到立柱表面距离 Spindle center to 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	18.5-22	18.5/22
主轴内孔锥度 spindle taper		BT40(φ150)/BT50	BT50	BT50	BT50(φ190)
X/Y/Z 轴快速进给 X/Y/Zaxis rapid feed	m/min	24/24/12	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	±0.005	±0.005	±0.005	±0.005
重复定位精度 Repeat Positioning accuracy	mm	±0.003	±0.003	±0.003	±0.003
刀库容量 Magazine tool capacity	pcs	24 把圆盘 24 (dis type)	24 把圆盘 24 (dis type)	24 把圆盘 24 (dis type)	24 把圆盘 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	8000	12000	13000	15000

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HMC50H HMC63H HMC63HP 卧式加工中心

HMC-50H HMC63H HMC63HP 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.

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● 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 (model/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 轴定位精度 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 BORUI CNC®

卧式加工中心

HMC80H HMC80HP HMC100H 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	1300/900/1000	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 (model/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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HMC1410H HMC125HS 卧式加工中心

HMC1410H HMC125HS 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.

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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, 腰杆伸 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
工作分度精度 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 (model/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
四轴分度 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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斜床身数控车床

BR570 BR570D BR570DY CNC SLANT BED LATHE MACHINE



● 主要特点 MAIN FEATURES

- | | |
|-------------------|--|
| • 高精度台湾直线导轨 | • Higher accuracy Taiwan linear guideways |
| • 高速主轴单元, 可选配自制主轴 | • Higher speed spindle unit, Optional homemade spindle |
| • 高强度铸铁 | • Higher rigidity cast iron |
| • 自动集中润滑 | • Integrated automatic lubrication |
| • 整体斜床身 | • 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 suitable to process all kinds of small and middle-sized shaft and plate workpiece, and could also turn valve threads, circle arc, circular cone, inside and outside surface of revolved body. This machine is widely used in sanitary, various electrical appliance, instrument, automobile, motorcycle, bearings and so on.



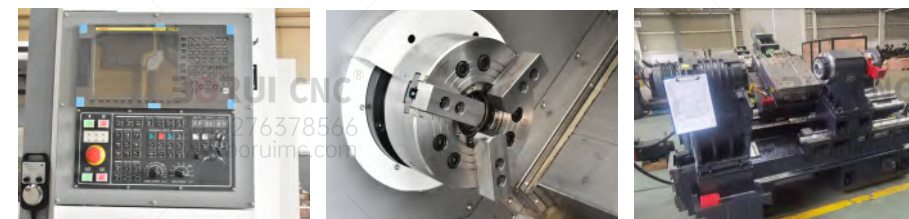
● 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS		BR570D-520/750/1500		BR570DY-520/750/1000/1500									
床身上最大回转直径 Swing over bed	Φ560	Φ650		Φ650									
滑板上最大回转直径 The max swing diameter overslide	Φ470	Φ380		Φ400									
刀架上最大加工直径 Maximum machining diameter on the tool holder	Φ330	Φ380		Φ360									
最大加工长度 Maximum processing length	480/750/960/1500	480/700/950		470/720/930/1500									
主轴头形式 (可选卡盘) Spindle head form (optional chuck)		A2-6 (8°)/A2-8 (10°)											
推荐主轴电机功率 Recommended spindle motor power		11-15KW											
主轴最高转速 Spindle maximum speed		4200/3500rpm											
主轴通孔直径 Spindle hole diameter		66/86											
棒料通径 Bar diameter		52/72											
X 丝杠规格 X axis screw specifications		3210											
Z 丝杠规格 Z axis screw specifications		4010											
Y 丝杠规格 Y axis screw specifications		+8613276378566		3210 +8613276378566									
X 轴极限行程 X axis limit travel		260											
Z 轴极限行程 Z axis limit travel		610/830/1050/1570	610/830/1050	610/830/1050/1570									
Y 轴极限行程 Y axis limit travel		90 (±45)											
推荐 X/Z 轴电机扭矩 Recommended X/Z axis motor torque		11N.M/11N.M	11N.M/15N.M	11N.M/15N.M									
X/Z 轴线轨规格 X/Z axis rail specifications		45/45											
X/Z 轴连接方式 X/Z axis connection mode		直联 Direct											
刀塔 Optional turret (special configuration)		12 工位液压伺服刀塔 CLT-100-12T servo turret	12 工位动力刀塔 12T power turret BMT45/55	12 工位动力刀塔 12T power turret BMT45/55									
推荐中心高 Recommended turret center height, dimension		100	100/170/175	170									
套筒直径 Socket diameter		80											
套筒行程 Socket travel		80 (可选 150) 80 (optional 150)											
尾座最大行程 Maximum travel of tailstock		500/750/1000	1050	500	380	500	750	630	600	1000	930	1050	
丝杠线轨或线轨油缸规格 Screw linear rail or linear rail cylinder specifications		-	3210/35	-	3205 /35 /HOB-50	-	3205 /35 /HOB-50	-	3205 /35 /HOB-50	-	3205 /35 /HOB-50	-	3210 /35 /HOB-50
推荐电机扭矩 Recommended motor torque		-	11N.M/15N.M	-	8N.M	-	11N.M	-	11N.M	-	11N.M	-	11N.M
尾座套筒锥孔 Tailstock sleeve tapered hole		莫氏 5#MTS#											
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)		2800×1870×1950/ 3000×1870×1950/ 3360×1870×1950/ 3860×1870×1950		2800×1870×1950/3000×1870×1950/ 3360×1870×1950/3860×1870×1950									
约重 Weight (approx. weight)		3700kg/4200kg/ 5000kg/5100kg		3700kg/4200kg/5000kg		3700kg/4200kg/5000kg/5100kg							

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BR570DS 斜床身双主轴数控车床

BR570DS CNC SLANT BED LATHE MACHINE



● 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 Recommended spindle motor power	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 轴导轨规格 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 motor power	11KW
	电主轴最高转速 Spindle maximum speed	6000rpm
	主轴孔直径 Spindle hole diameter Recommended 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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● 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.

BR-650-750/1000/1500/2000/3000 斜床身数控车床

BR-650-750/1000/1500/2000/3000 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 outside surface of revolved body. This machine is widely used in sanitary, valve, electrical appliance, instrument, automobile, motorcycle, 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 on the 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 center	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 type		A2-8	A2-8	A2-8
可选装液压卡盘 Hydraulic Chuck		标准 10 寸 10 inch (opt 12)	标准 10 寸 10 inch (opt 12)	标准 10 寸 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 hole diameter	mm	Φ87	Φ87	Φ87
棒料通径 Bar diameter	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 travel	mm	120	120	120
尾座最大行程 Tailstock max 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 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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BR-25H(A) 高精度重型硬轨斜床身 数控车床

BR-25H(A) HIGH-PRECISION HEAVY-DUTY BOX WAY 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 / 分钟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 box way 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.



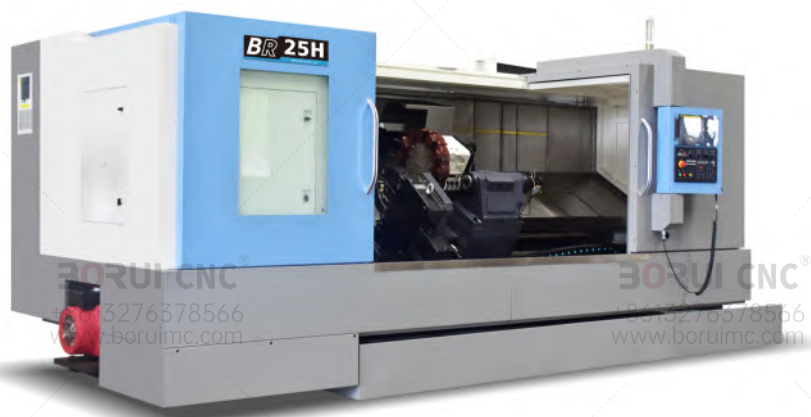
● 主要参数 PRODUCT PARAMETERS

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	22-30KW									
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 Box 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	整体式 /30° 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

BR-25H(A)-DHIGH-PRECISION HEAVY-DUTY BOX WAY 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 Box Way 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. swing 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	22-30KW									
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 Box 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									
可选装刀塔 (特殊配 置) 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	5000rpm									
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 BOX WAY 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 为宽阔的硬轨滑道，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 box 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. swing 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 (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	22-30KW									
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/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 Box 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									
刀塔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	5000rpm									
推荐刀塔中心高尺寸 Turret center height size	125mm									
动力轴与刀座传动比 Transmission ratio of power axis and tool apron	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 T 整体 式 / 30°	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 / 30° 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

BR150L BR150LA BR150DY BR150LADY 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。

- Adopt 30° inclined overall layout, bed and base integrated structure, high strength HT300 casting;
- X and Z are wide and smooth hard rail slideways, with a fast feed rate of 20 meters per minute. After hardening and precise grinding, a visual multi-point centralized lubrication system is adopted.
- The design of the whole machine is compact and reasonable, which can realize the side and back row of chips, greatly reduce the occupied area and realize the automatic production of multi-machine connection.



● 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. swing 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 ")
主轴电机功率 Spindle motor power	5.5 ~ 7.5KW	7.5 ~ 11KW	5.5 ~ 7.5KW	5.5 ~ 7.5KW
主轴最高转速 Spindle speed	4500rpm	3500rpm	4500rpm	3500rpm
主轴孔直径 Spindle through hole 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	直连 Direct connection		直连 Direct connection	
刀塔 Turret	伺服刀塔 Servo Turret		Y 轴动力刀塔 Y axis Power Turret	
工位数 Tower station	8T		12T	
动力头规格 Power head specification	—		BMT40/ER20	
动力头转速 Power head speed	—		4000rpm	
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 transmission ratio	—		1 : 1	
刀塔中心高尺寸 Turret center height size	80mm		—	
床身形式及斜度 Bed type and inclination	整体式 /30° Integrated/30°			
外型尺寸 Machine size (L * W * H)	1900*1650*1900		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

BR160L BR160LA BR160LD BR160LAD BR160LDY BR160LADY
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，强度高，硬度恰当，摩擦系数低；
- 具有自润滑性，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 (6")	A2-6 (8")	A2-5 (6")	A2-6 (8")	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
棒料通过直径 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	--		--		--	
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	直连 Direct connection		直连 Direct connection		直连 Direct connection	
刀塔 Turret	伺服刀塔 Servo Turret		动力刀塔 Power Turret		动力刀塔 Power Turret	
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/ER20		BMT40/ER20	
动力头转速 Power head speed	--		4000rpm		4500rpm	
动力头电机功率 Power head motor	--		2.5Kw		2.5Kw	
动力头与电机传动比 Transmission ratio of power axis and tool apron	--		1 : 1		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 max. Tailstock travel	--		300mm		--	
尾座套筒锥孔 Tailstock sleeve taper	--		MT4		--	
床身形式及斜度 Bed type and inclination	整体式 /30° Integrated/30°		整体式 /30° Integrated/30°		整体式 /30° Integrated/30°	
外型尺寸 Machine size (L * W * H)	2300*1650*2250		2300*1650*2250		2300*1850*2550	

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

BR200L BR200LA BR200LD BR200LAD BR200LDY BR200LADY
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° slanted 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.



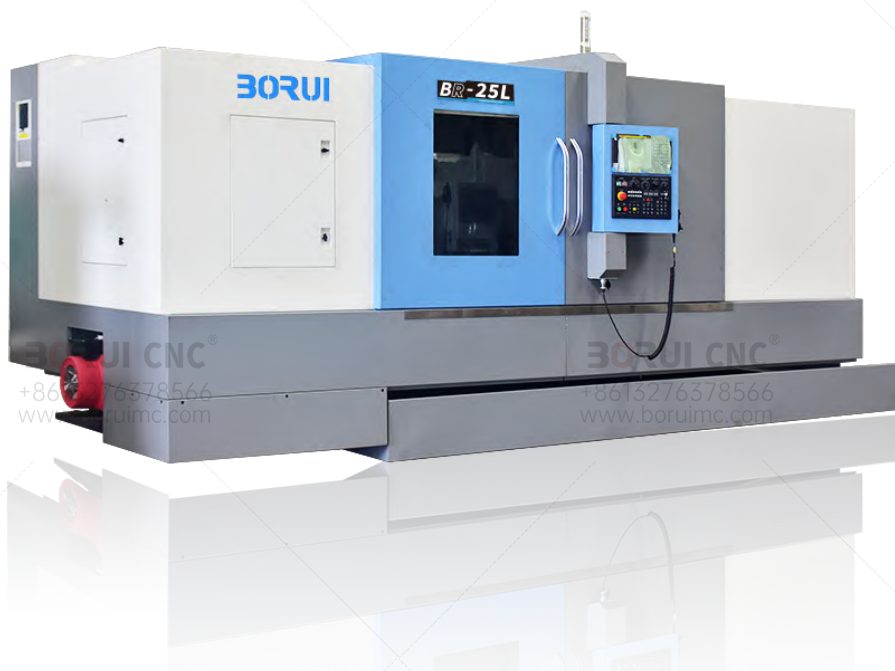
● 主要参数 PRODUCT PARAMETERS

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		Φ650		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 specification	3210/4010		3210/4010		3210/4010	
Y 轴丝杆规格 Y axis lead screw specification	--		--		2108	
X/Z 轴线轨规格 X/Z axis linear guide specifications	45/45		45/45		45/45	
Y 轴导轨规格 Y axis linear guide specifications	--		--		box way	
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	直连 Direct connection					
刀塔 Turret	伺服刀塔 Servo Turret		动力刀塔 Power Turret		动力刀塔 Power Turret	
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	--		BMT55/ER25		BMT45/ER25	
动力头转速 Power head speed	--		3500rpm		4000rpm	
动力头电机功率 Power head motor	--		2.5Kw		2.5Kw	
动力头与电机传动比 Power head to motor transmission ratio	--		1:1		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	整体式 /30° Integrated/30°					
外型尺寸 Machine size (L * W * H)	2850*1850*2050		2850*1850*2050		2850*1850*2450	

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BR-25L(A) 高精度线轨斜床身数控车床

BR-25(A) 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) Chuck size (optional)	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	22-30KW							
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							
刀塔类型 Turret type	12T 伺服刀塔 12T Servo Turret / 12T 动力刀塔 Power Turret							
推荐刀塔中心高尺寸 Turret center height size	125mm							
套筒直径 Tailstock sleeve diameter	100mm							
套筒行程 Tailstock 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		4560/1510/1610	

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BR-25L(A)-D 高精度线轨斜床身数控车床 / 车削中心

BR-25LA)-D HIGH-PRECISION LINEAR WAY CNC SLANT BED LATHE MACHINE



● 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	22-30KW							
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	直连 Direct connection							
可选装刀塔 (特殊配置) Turret	SHD25-380							
刀塔类型 Turret type	12T 伺服刀塔 12T Servo Turret							
动力头规格 Power head specification	BMT65/ER32							
动力头转速 Power head speed	5000rpm							
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 Tailstock 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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● 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;

CK6140 CK6150 CK6160 数控车床

CK6140 CK6150 CNC FLAT BED LATHE

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● 主要特点 MAIN FEATURES

标准配置

4 工位电动刀架
手动三爪卡盘
主轴通孔 52mm
高低两档

Standard configuration

4 position electric tool turret
3-jaw manual chuck
Spindle bore 52mm
High-low two steps

可选配置

液压卡盘
6/8 电动刀塔
液压尾座
无级变速

Optional configuration

Hydraulic chuck
6/8 position electric tool turret
Hydraulic tailstock
Stepless



● 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	CK6140	CK6150	CK6160
床身上最大回转直径 Max. swing diameter over bed	mm	400	500	600
托板最大回转直径 Max. swing over cross slide	mm	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(选配 Opt.82)	82(选配 Opt.105)	82(选配 Opt.105)
主轴孔锥度 Spindle taper		MT6	MT6	MT6
主轴端部型号 Spindle nose type		C6	C6	C6
主轴转速级数 Spindle speed steps		手动 2 档 (可选无级变速) Manual 2 steps(Optional stepless)		
主轴转速范围 Spindle speed range	rpm	L: 100-500H: 500-1800 (选配 Optional 90-1800)		
刀架 Turret/tool post		电动 4 工位 Electric 4 position		
刀具尺寸 Tool size	mm	25*25	25*25	25*25
X 轴行程 X axis travel	mm	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	6000	6000
Z 轴快速进给 Z axis rapid traverse	mm/min	8000	8000	8000
尾座套筒直径 Diameter of tailstock quill	mm	65	65	65
尾座套筒锥孔 Tailstock Quill taper hole		MT4	MT5	MT5
尾座套筒行程 Tailstock quill travel	mm	130	130	130
主电机功率 Main motor power	kw	5.5	7.5	7.5
冷却泵电机功率 Coolant motor power	kw	0.09	0.09	0.125
加工精度 Manufacturing accuracy	mm	IT6-IT7		
定位精度 Positioning accuracy		X 轴 :0.009 X-axis:0.009		
重复定位精度 Repeat Positioning accuracy	mm	Z 轴 :0.009 Z-axis:0.011		
粗糙度 Surface Roughness	um	Ra ≤ 1.6		
重量为 750 Weight for 750	kg	1700	1800	1900
重量为 1000 Weight for 1000	kg	1800	2500	2700
重量为 1500 Weight for 1500	kg	1900	2600	2800
重量为 2000 Weight for 2000	kg	2000	2700	2900
尺寸为 750 Dimension for 750	mm	2200*1650*1700	2200*1600*1900	2200*1650*1900
尺寸为 1000 Dimension for 1000	mm	2500*1650*1700	2620*1600*1900	2500*1650*1900
尺寸为 1500 Dimension for 1500	mm	3000*1650*1700	3000*1600*1900	3170*1650*1950
尺寸为 2000 Dimension for 2000	mm	3500*1650*1700	3670*1600*1900	3500*1650*1900

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CK6163B CK6180 CK61100

数控车床

CK6163B CK6180 CK61100 CNC LATHEE



● 主要特点 MAIN FEATURES

机床适用于各种钢材，铸铁和有色金属大中型零件的加工，机床扭矩大，刚性好，特别适用于强力切削，切削各种工件的内圆，外圆，端面以及公英制螺纹等，并可承担钻孔镗孔等工艺。

The machine tool is suitable for processing all kinds of steel, cast iron and non-ferrous metal large and medium-sized parts. The machine tool has large torque and good rigidity, especially suitable for strong cutting, cutting all kinds of The inner circle, outer circle, end face and metric inch thread of the workpiece can be used for drilling and boring.



● 主要参数 PRODUCT PARAMETERS

TECHNICAL SPECIFICATIONS	Units	CK6163B	CK6180	CK61100
床身上最大回转直径 Swing over bed	φmm	630	800	1000
床身导轨宽度 Guideway width	mm	550	600	600
最大车削长度 Maximum turning length	mm	1500/2000/3000/4000/5000/6000		
滑板上最大车削直径 The max swing diameter over slide	φmm	350	470	800
主轴端部代号 The spindle nose		C11/A211 (可选配)	C11/(A11 可选配)	C11/(A11 可选配)
标配卡盘 (手动) Chuck size	φmm	三爪 φ315	三爪 φ315	三爪 φ400
主轴前端孔锥度 Taper of spindle front hole		1:20/120		
主轴通孔直径 The spindle hole	mm	104	104	104/130
主轴转速范围 Spindle speed range	mm	30-90;70-200;130-380;350-1000 或 22-10050-230;95-440;210-1000(cw6136b) 30 ~ 90;70 ~ 200;130 ~ 380;350 ~ 1000(手动四挡)/20 ~ 1000(液压自动变挡)(cw6180b/cw61100q)		
主轴换挡方式 Spindle shift mode		手动 4 档、档内无级 (标配) Manual 4 setps、stepless speed changing (Standard)/ 液压自动变挡 (可选配) Hydraulic automatic speed changing (Optional)		
中心高 Center height	mm	315	400	560
X/Z 轴快移速度 X/Zaxis rapid traverse	mm/min	X:4000 Z:8000		
X 轴进给最小设定单位 X axis precision	mm	0.001		
X 轴行程 X axis travel	mm	360	480	560
Z 轴行程 Z axis travel	mm	1350/1850/2850/3850/4850/5850		
刀架形式 Turret type		四工位 (可选 6 工位或者 8 工位) Four station (optional 6T or 8T)		
主电机 The main motor	kw	7/11		
尾座套筒直径 Tailstock quill dia.	φmm	100	100	125
尾座套筒行程 Tailstock quill travel	mm	250		
尾座套筒锥孔锥度 Tailstock quill taper		MT5	MT6	
刀杆尺寸外圆 / 内孔 Tool rest outer round/inner hole	mm	32*32/32		
防护形式 Protective cover	mm	半封闭 (可选配全封闭) Half protection (Optional full protection)		

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QK1313 QK1322 QK1327 数控管螺纹车床

QK1313 QK1322 QK1327 CNC PIPE THREADING LATHE



● 主要特点 MAIN FEATURES

数控管螺纹车床是针对石油、化工、冶金行业输油管、钻杆、套管的螺纹加工要求专业化设计制造的新型数控机床。机床采用双卡盘夹紧工件、液压换挡、数控系统自动控制，可精确加工各种内、外螺纹，并具有普通数控车床的功能。

CNC pipe threading lathe is a new type of CNC machine tool designed and manufactured specifically for the threading requirements of oil pipelines, drill rods, and casings in the petroleum, chemical, and metallurgical industries. The machine tool adopts dual chuck clamping of workpieces, hydraulic shifting, and automatic control of CNC system, which can accurately process various internal and external threads and has the function of a regular CNC lathe.



● 主要参数 PRODUCT PARAMETERS

技术参数 SPECIFICATIONS	单位 Units	QK1313	QK1322	QK1327
床身上最大回转直径 Max. swing diameter over bed	mm	630/800	630/800	1000
托板最大回转直径 Max. swing over cross slide	mm	340/520	340/520	310
中心距 Distance between centers	mm	1000-6000	1000-6000	1500-6000
管螺纹范围 Pipe threading range	mm	30-126	50-220	130-270
导轨宽度 Guideway width	mm	550	550	755
最大负载容量 Max.load capacity	T	3	3	6
主轴孔径 Spindle bore	mm	130	225	280
主轴速度步数 Spindle speed steps	—	VF.3 steps	VF.4 steps	VF.4 steps
主轴速度范围 Spindle speed range	rpm	30-800	20-600	10-320
卡盘 Chuck	mm	φ400/ 手动 3 爪卡盘 φ400/3-jaw manual	φ500/ 手动 3 爪卡盘 φ500/3-jaw manual	φ800/ 手动 4 爪卡盘 φ800/4-jaw manual
转塔 / 刀架 Turret/tool post	—	电动 4 工位刀架 NC turret 4 position	电动 4 工位刀架 NC turret 4 position	电动 4 工位刀架 NC turret 4 position
刀柄尺寸 Tool shank size	mm	32×32	32×32	40×40
Y 轴行程 Y axis travel	mm	320/420	320/420	520
Z 轴行程 Z axis travel	mm	1000-6000	1000-6000	500-6000
X 轴快移速度 X axis rapid traverse	mm/min	4000	4000	4000
Z 轴快移速度 Z axis rapid traverse	mm/min	6000	6000	4000
尾座套筒直径 Tailstock quill diameter	mm	φ100	φ100	φ160
尾座套筒锥孔锥度 Tailstock quill taper	mm	MT5/MT6	MT5/MT6	MT6
尾座套筒行程 Tailstock quill travel	mm	250	250	300
主轴电机 Main spindle motor	kW	11	11	22
冷却泵 Coolant pump motor	kW	0.25	0.25	0.25
宽度 x 高度 Width x Height	mm	1800×1850	1880×1850	2050×2050
长度 Length	mm	3000/8300	3000/8300	4950/9450
重量 Net weight	T	4.7-8.7	4.7-8.7	10.5-15.6

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BR-600 BR-700 数控立式钻攻中心

BR-600 BR-700 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

技术参数 SPECIFICATIONS	单位 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 The distance from spindle center to worktable surface	mm	135-485	170-620
主轴转速 Spindle Speed	rpm	20000	20000
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	50(120)	50(120)
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 Repeatability positioning accuracy	mm	±0.005/300	±0.005/300
重量 Weight	kg	3500	3500
电力需求 Power demand	KVA	20	20
外形尺寸 Overall Size	mm	1900*2150*2280	1900*2150*2280
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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