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PRODUCTS CATALOG

■ 重型产品

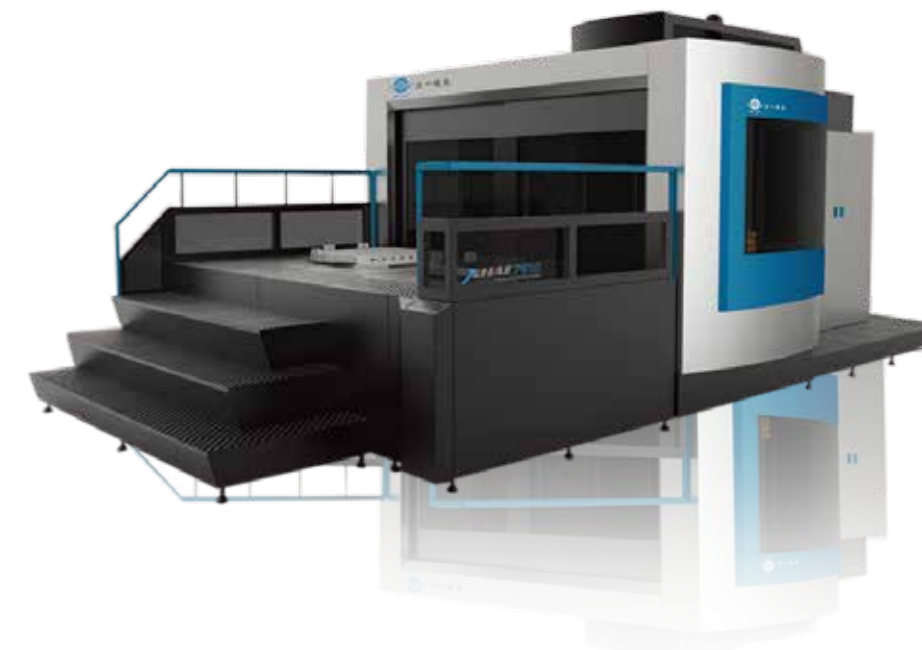
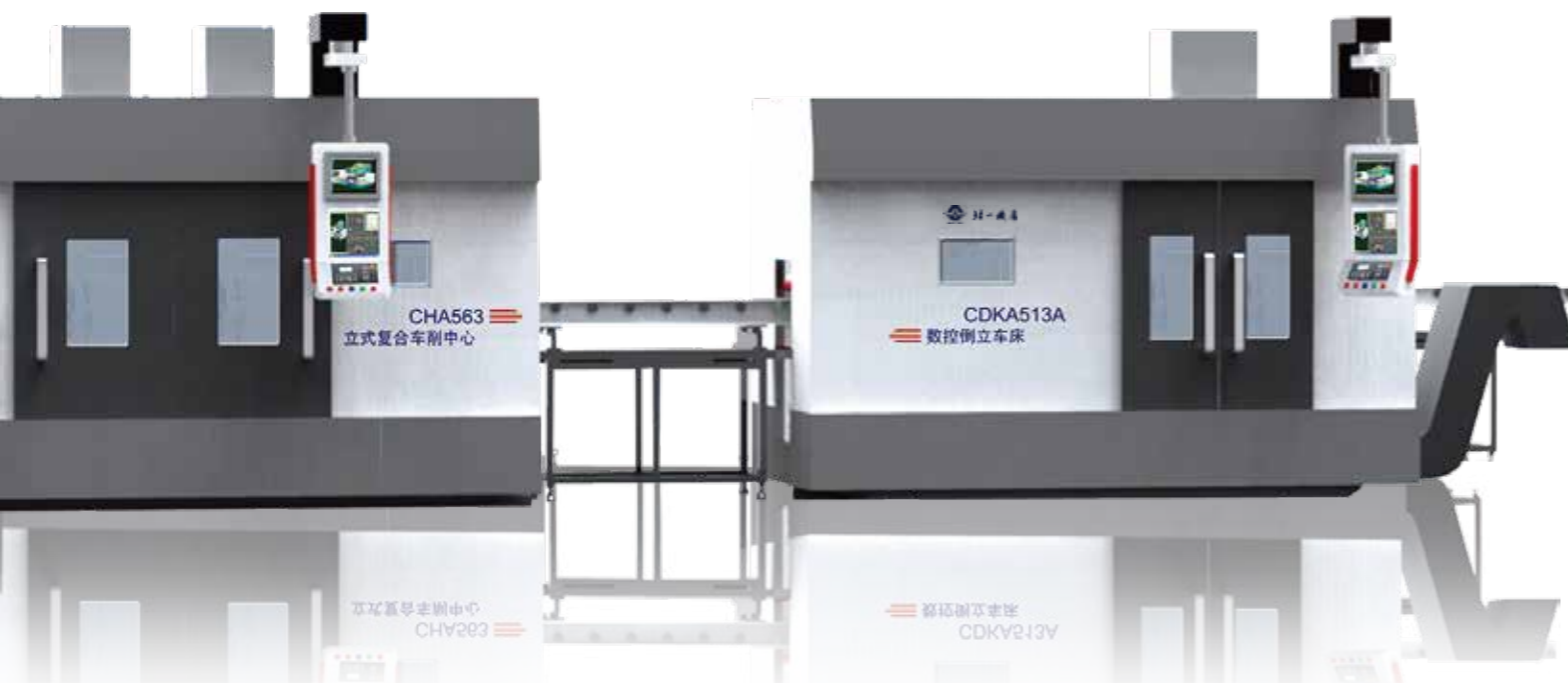
- XKA21系列/XKA21 Series
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- T2高精度数控立式车床(车铣复合机)系列
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- 小型龙门铣床(镗铣床)系列
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- 中型龙门铣床(镗铣床)系列
Medium-sized Portal Milling Machine (Milling and Boring Machine) Series

■ 中型数控产品

- B1-ZX001 汽车零件加工生产线/B1-ZX001 Production Line for Auto Parts Processing
- CDKA513A 数控倒立车床/CDKA513A CNC Inverted Lathe
- CHA563 立式复合车削中心/CHA563 Vertical Compound Turning Center
- CDHA512/CDHA513 倒立车削中心/CDHA512/CDHA513 Inverted Turning Center
- CHA56 系列立式复合车削中心/CHA56 Series Vertical Compound Turning Center
- XHAE788 精密立式加工中心/XHAE788 Precision Vertical Machining Center Model
- XHAE76 型卧式加工中心/XHAE76 Horizontal Machining Center
- TH63 系列卧式加工中心/TH63 Series Horizontal Machining Center
- XKA73 系列数控立式床身铣床/XKA73 series CNC Vertical Bed Milling Machine
- XKA71 系列数控床身铣床/XKA71 series CNC Bed Milling Machine
- CXHA6130 车铣复合加工中心/CXHA6130 Turning & Milling Compound Machining Center
- XKA5032A/XKA5040A系列数控立式升降台铣床
XKA5032A and XKA5040A CNC Vertical Knee-type Milling Machine
- XKA6032A 型数控卧式升降台铣床/XKA6032A CNC Horizontal Knee-type Milling Machine
- ZH51 钻削系列/ZH51 Drilling Machine Series
- 数控立式内圆珩磨机/CNC Vertical Internal Cylindrical Honing Machine
- B3HM-002 两轴三工位龙门式数控珩磨机
B3HM-002 Two-axis Three-working-position Portal CNC Honing Machine
- B3HM-033 液压双进给数控立式内圆珩磨机
B3HM-033 Hydraulic Double Feed CNC Vertical Internal Cylindrical Honing Machine
- B3HM-022 数控顺序珩磨机/B3HM-022 CNC Sequence Honing Machine
- B3HM-007 数控立式内圆珩磨机/B3HM-007 CNC Vertical Internal Cylindrical Honing Machine
- B3HM-028双轴双进给数控立式内圆珩磨机
B3HM-028 Two-axis Double Feed CNC Vertical Internal Cylindrical Honing Machine
- B3HM-015 立式液压内圆珩磨机/B3HM-015 Vertical Hydraulic Internal Cylindrical Honing Machine
- B3HM-016两轴三工位数控立式内圆珩磨机
B3HM-016 Two-axis Three-working-position CNC Vertical Internal Cylindrical Honing Machine

■ 铁路机床产品

- 数控不落轮对车床/Underfloor Lathe For Wheelset Maintenance
- 数控门式车轮车床/Portal Lathes For Wheelset Maintenance



■ 北一大隈产品

- LCR-270 数控车床/LCR-270 CNC Lathe
- LBR-370 系列数控车床及复合车削中心/LBR-370 Series of CNC Lathe & Composite Turning Center
- MXR-460V立式加工中心/MXR-460V Vertical Machining Center
- MXR-560V立式加工中心/MXR-560V Vertical Machining Center
- MAR-H 系列卧式加工中心/MAR-H Series Horizontal Machining Center

■ 北二机床产品

- B2-K087 车桥专用数控端面外圆磨床/B2-K087 Car Axle Special CNC End Face Cylindrical Grinding Machine
- B2-K089 双砂轮架数控车轴磨床/B2-K089 Double Wheel Head CNC Axle Grinding Machine
- B2-K1016 型数控凸轮轴磨床/B2-K1016 CNC Camshaft Grinding Machine
- B2-K1018 型双砂轮架随动式数控曲轴磨床
B2-K1018 Gouble Wheel Head Follow-up CNC Crankshaft Grinding Machine
- B2-K1020/K1022 型车轴专用数控高速(端面)外圆磨床
B2-K1020/K1022 Train Axle High Speed CNC (End Face) Cylindrical Grinding Machine
- B2-K3000型高精度复合磨削中心/B2-K3000 High Precision Complex Grinding Center
- MGK1320/1420 型高精度数控(万能)外圆磨床
MGK1320/MGK1420 High Precision CNC (Universal) Cylindrical Grinding Machine
- MGK1332/MGK1432 型高精度数控(万能)外圆磨床
MGK1332/MGK1432 CNC (Universal) Cylindrical Grinding Machines
- MGK1350/1450 型高精度数控(万能)外圆磨床
MGK1350/MGK1450 High Precision CNC (Universal) Cylindrical Grinding Machine
- MGK1363/1463 型高精度数控(万能)外圆磨床/
MGK1363/MGK1463 High Precision CNC (Universal) Cylindrical Grinding Machine
- MKS1320/MKS1620 型数控(端面)外圆磨床
MKS1320/1620 CNC (End Face) Cylindrical Grinding Machine
- MKS1320H/G、MKS1620H/G 型数控(端面)外圆磨床
MKS1320H/G And MKS1620H/G CNC (Endface) Cylindrical Grinding Machine
- MKS1332/MKS1632 型数控(端面)外圆磨床
MKS1332 And MKS1632 CNC (Endface) Cylindrical Grinding Machines
- MKS1350/1363、MKS1650/1663 型数控(端面)外圆磨床
MKS1350/1363 And MKS1650/166 CNC(endface) Cylindrical Grinding Machines

■ 机电院机床产品

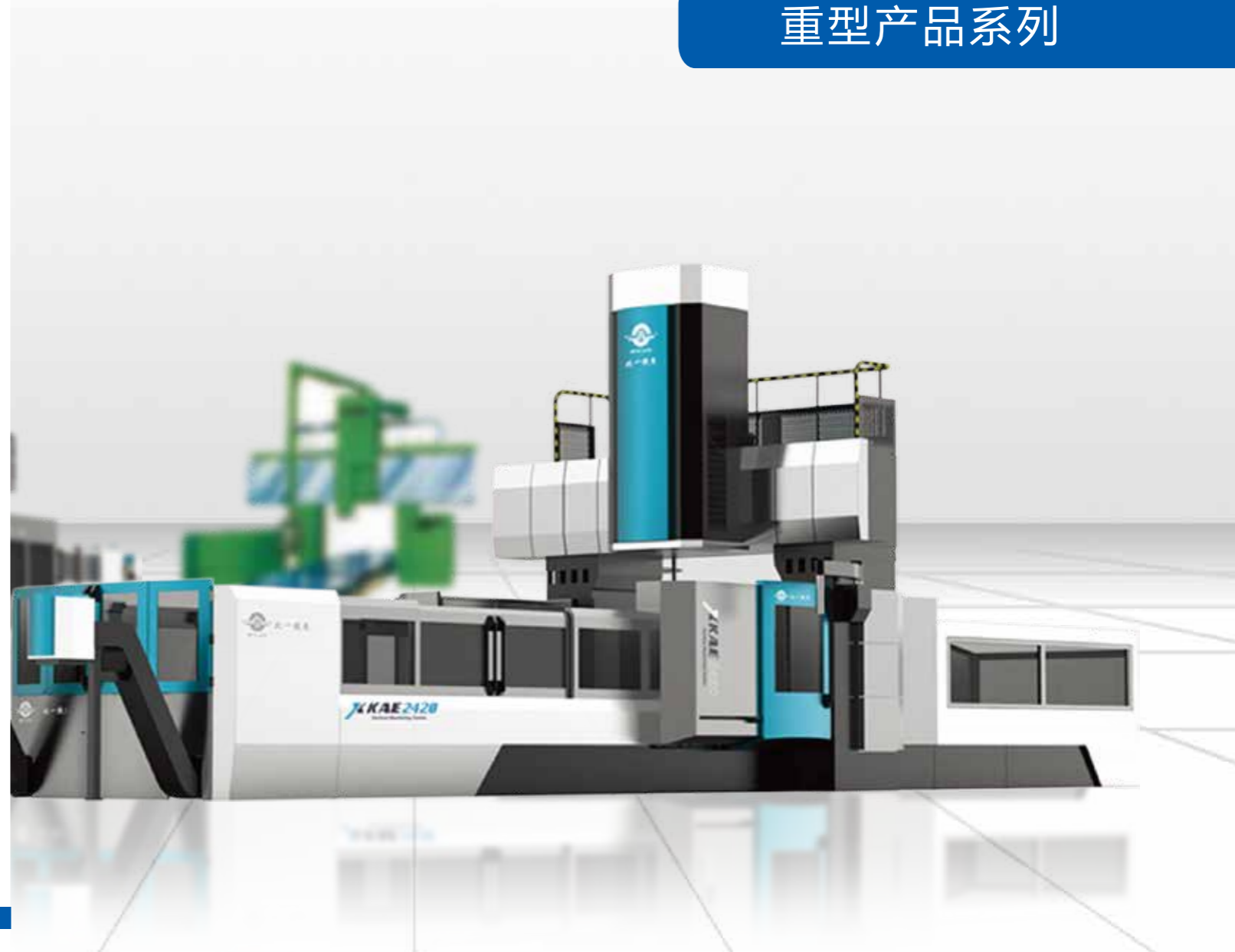
- XKH系列-五轴联动叶片加工中心/Five-axis Turbine Blade Machining Center
- XKR系列-双摆转台五轴联动加工中心/Five-axis Blade Wheel Machining Center
- XKH800C五轴联动叶片加工中心/XKH800C Five-axis Turbine Blade Machining Center
- XKH800Z 五轴联动叶片加工中心/XKH800Z Five-axis Machining Center
- BV系列-经典式立式加工中心/BV Series- Classical Type Vertical Machining Center
- BV55系列-扩展型立式加工中心/BV55 Series- Extended Type Vertical Machining Center
- E系列-经济型立式加工中心/E Series- Economical Type Vertical Machining Center
- VMC系列-中大型立式加工中心/VMC Series- Medium and Large Sized Vertical Machining Center
- BV100S双主轴立式加工中心/BV100S Dual-spindle Vertical Machining Center
- BV68/80系列-重切削型立式加工中心/BV68/80 Series- Heavy-cutting Type Vertical Machining Center
- BVD钻削系列立式加工中心/BVD Series Drilling Vertical Machining Center
- MCJ-03数控油口磨床/MCJ-03 NC Oil Groove Grinding Machine
- SK7612B数控内螺纹磨床/SK7612B NC Internal Thread Grinding Machine
- SK7420数控螺纹磨床/SK7420 NC External Thread Grinding Machine

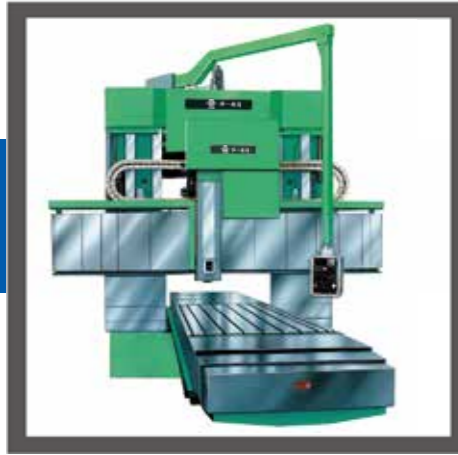
■ 中型普机产品

- B₁-320JK型 简易数控立式升降台铣床/B₁-320JK Simple Vertical Knee Type Vertical Milling Machine Model
- B₁-320JW型 简易数控卧式升降台铣床/B₁-320JW Simple CNC Horizontal Knee Type Milling Machine
- B₁-400W万能升降台铣床/B₁-400W Knee Type Universal Milling Machine Model
- B₁-400K 立式升降台铣床/B₁-400K Knee Type Vertical Milling Machine
- XA5032 立式升降台铣床/XA5032 Knee Type Vertical Milling Machine Model
- XA6132型万能升降台铣床/XA6132 Knee Type Universal Milling Machine Model

■ 生产线

重型产品系列





XKA21系列

XKA21 Series

XKA21系列数控龙门镗铣床为工作台移动、龙门固定、横梁可升降式龙门镗铣床。

XKA21 series CNC portal milling and boring machine is the portal milling and boring machine tool with moving table, fixed portal and moving cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XKA2120×60 (加宽型)	XKA2125×80 (加宽型)	XKA2130×100 (加宽型)	XKA2140×120 (加宽型)	XKA2150×150 (加宽型)
工作台尺寸 (宽度×长度) Table size (width×length)	mm	2000×6000	2500×8000	3000×10000	4000×12000	5000×15000
龙门框架最大通过宽度 The Max. clearance between covers of portal columns	mm	2350(2850)	2850(3350)	3350(4100)	4400(4800)	5400(5800)
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	2550	2550/3050	3050/3550	4000/5000	5000
工作台承重 Table load	T/m	10	10	12	15	25
滑枕镗头主轴转速范围 (无级) Speed range of milling and boring spindle (stepless)	rpm	6-2000	6-2000	6-2000	6-1240	6-1240
滑枕镗头主轴功率 (连续/30min) Power of milling and boring spindle (continuous/30min)	Kw	58/70	58/70	58/70	101/127	101/127
滑枕镗头主轴前端规格 Specifications of milling and boring spindle nose	ISO	60	60	60	60	60
X轴行程 X-axis stroke	mm	6720	8720	10720	12720	15720
Y轴行程 Y-axis stroke	mm	3210(3710)	3710(4210)	4210(5000)	5600(6000)	6600(7000)
Z轴行程 Z-axis stroke	mm	1500	1500	1500	2000	2000
W轴行程 W-axis stroke	mm	2100	2100/2600	2600/3100	3500	4500
X轴进给速度 (无级) X-axis feed speed (stepless)	mm/min	5~10000	5~10000	5~10000	5~10000	5~10000
Y轴进给速度 (无级) Y-axis feed speed (stepless)	mm/min	5~6000	5~6000	5~6000	5~6000	5~6000
Z轴进给速度 (无级) Z-axis feed speed (stepless)	mm/min	5~3000	5~3000	5~3000	5~3000	5~3000
W轴进给速度 (无级) W-axis feed speed (stepless)	mm/min	5~2000	5~2000	5~2000	5~2000	5~2000

精度检验标准
Accuracy test standards

执行Q/SY YJC 623-2014企业标准
Adopt the Enterprise Standard Q/SY YJC 0623-2014.

机床模块化设计, 此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



XKA24 重型系列

XKA24 Heavy Duty Series

XKA24重型系列数控龙门镗铣床为工作台移动、龙门固定、横梁固定式龙门镗铣床。

XKA24 heavy duty series CNC portal milling and boring machine is the portal milling and boring machine tool with moving table, fixed portal and fixed cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XKA2420×40 (加宽型)	XKA2425×50 (加宽型)	XKA2430×60 (加宽型)	XKA2440×80 (加宽型)	XKA2450×100 (加宽型)
工作台尺寸 (宽度×长度) Table size (width×length)	mm	2000×4000	2500×5000	3000×6000	4000×8000	5000×10000
两立柱间距 Clearance between two columns	mm	2500(3100)	3100(3500)	3500(4250)	4400(4800)	5400(5800)
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	1750	1750	1750	1750	2250
工作台承重 Table load	T/m	10	10	12	15	25
滑枕镗头主轴转速范围 (无级) Speed range of milling and boring spindle (stepless)	rpm	6-2000	6-2000	6-2000	6-1240	6-1240
滑枕镗头主轴功率 (连续/30min) Power of milling and boring spindle (continuous/30min)	Kw	58/70	58/70	58/70	101/127	101/127
滑枕镗头主轴前端规格 Specifications of milling and boring spindle nose	ISO	7:24 No.60	7:24 No.60	7:24 No.60	7:24 No.60	7:24 No.60
X轴行程 X-axis stroke	mm	4720	5720	6720	8720	10720
Y轴行程 Y-axis stroke	mm	3210(3710)	3710(4210)	4210(5000)	5600(6000)	6600(7000)
Z轴行程 Z-axis stroke	mm	1500	1500	1500	2000	2000
X轴进给速度 (无级) X-axis feed speed (stepless)	mm/min	5~10000	5~10000	5~10000	5~10000	5~10000
Y轴进给速度 (无级) Y-axis feed speed (stepless)	mm/min	5~6000	5~6000	5~6000	5~6000	5~6000
Z轴进给速度 (无级) Z-axis feed speed (stepless)	mm/min	5~3000	5~3000	5~3000	5~3000	5~3000

精度检验标准

Accuracy test standards

执行Q/SY YJC 623-2014企业标准
Adopt the Enterprise Standard Q/SY YJC 623-2014.

机床模块化设计, 此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



XKA28 重型系列

XKA28 Heavy Duty Series

XKA28重型系列数控龙门镗铣床为工作台固定、龙门移动、横梁可升降式龙门镗铣床。

XKA28 heavy duty series CNC gantry type milling and boring machine is the gantry type milling and boring machine tool with fixed table, moving portal and moving cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XKA2830×100	XKA2840×120	XKA2850×160
工作台尺寸 (宽度×长度) Table size (width×length)	mm	3000×10000	4000×12000	5000×16000
龙门框架最大通过宽度 The Max. clearance between covers of portal columns	mm	3800	4800	5800
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	4000	4000	5000
工作台承重 Table load	T/m ²	25	25	25
滑枕镗铣头主轴转速范围 (无级) Speed range of milling and boring spindle (stepless)	rpm	6-2000	6-1240	6-1240
滑枕镗铣头主轴功率 (连续/30min) Power of milling and boring spindle (continuous/30min)	Kw	58/70	101/127	101/127
滑枕镗铣头主轴前端规格 Specifications of milling and boring spindle nose	ISO	7:24 No.60	7:24 No.60	7:24 No.60
X轴行程 X-axis stroke	mm	11500	13500	17500
Y轴行程 Y-axis stroke	mm	5000	6000	7000
Z轴行程 Z-axis stroke	mm	1500	2000	2000
W轴行程 W-axis stroke	mm	2500	2500	3500
X轴进给速度 (无级) X-axis feed speed (stepless)	mm/min	5~10000	5~10000	5~10000
Y轴进给速度 (无级) Y-axis feed speed (stepless)	mm/min	5~6000	5~6000	5~6000
Z轴进给速度 (无级) Z-axis feed speed (stepless)	mm/min	5~3000	5~3000	5~3000
W轴进给速度 (无级) W-axis feed speed (stepless)	mm/min	5~2000	5~2000	5~2000

精度检验标准
Accuracy test standards

执行Q/SY YJC 660-2014企业标准
Adopt the Enterprise Standard Q/SY YJC 660-2014.

机床模块化设计, 此表仅列出标准配置形式
The machine is designed in module and this form has standard spec only.



XKA27 重型系列

XKA27 Heavy Duty Series

XKA27重型系列数控龙门镗铣床为工作台固定、龙门移动、横梁固定式龙门镗铣床。

XKA27 heavy duty series CNC gantry type milling and boring machine is the gantry type milling and boring machine tool with fixed table, moving portal and fixed cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XKA2730×100	XKA2740×120	XKA2750×160
工作台尺寸 (宽度×长度) Table size (width×length)	mm	3000×10000	4000×12000	5000×16000
龙门框架最大通过宽度 The Max. clearance between two columns	mm	3800	4800	5800
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	1750	2655	2655
工作台承重 Table load	T/m ²	25	25	25
滑枕镗铣头主轴转速范围 (无级) Speed range of milling and boring spindle (stepless)	rpm	6-2000	6-1240	6-1240
滑枕镗铣头主轴功率 (连续/30min) Power of milling and boring spindle (continuous/30min)	Kw	58/70	101/127	101/127
滑枕镗铣头主轴前端规格 Specifications of milling and boring spindle nose	ISO	No.60	No.60	No.60
X轴行程 X-axis stroke	mm	11500	13500	17500
Y轴行程 Y-axis stroke	mm	5000	6000	7000
Z轴行程 Z-axis stroke	mm	1500	2000	2000
X轴进给速度 (无级) X-axis feed speed (stepless)	mm/min	5~10000	5~10000	5~10000
Y轴进给速度 (无级) Y-axis feed speed (stepless)	mm/min	5~6000	5~6000	5~6000
Z轴进给速度 (无级) Z-axis feed speed (stepless)	mm/min	5~3000	5~3000	5~3000

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XKAV 五轴龙门系列

XKAV Five-Axis Portal Series

XKAV五轴龙门系列是我公司在XKA21、XKA24、XKA28、XKA27系列数控龙门镗铣床基础上配置带C轴回转的大功率滑枕铣头和机械摆角铣头，实现五轴五联动加工功能。

XKAV five-axis portal series is equipped with high power ram milling head and mechanical swiveling milling head with C-axis rotation based on XKA21, XKA24, XKA28 and XKA27 series CNC portal milling and boring machine of our company in order to achieve 5-axis Simultaneous Machining function.

带有C轴回转的大功率滑枕铣头

HIGH-POWERED RAM TYPE MILLING HEAD WITH ROTARY C AXIS

项目 ITEM	单位 UNIT	
铣头主轴功率 Power of Milling Head Vertical Shaft	KW	81
铣头主轴前端规格 Specification of Spindle Nose		ISO 60
主轴转速 Spindle Speed	r / min	3~2000
滑枕截面 Ram Section	mm	≥600
滑枕行程 Ram Travel	mm	2000
C轴回转范围 Range of C Axis Rotation		N×360°
C轴最大回转速度 Max. Rotation Speed of C Axis	r / min	10
C轴卡紧力 Clamping Force of C Axis	Nm	24000

摆角铣头

GSC UNIVERSAL SPINDLE UNIT

项目 ITEM	单位 UNIT	
铣头主轴功率 Power of Milling Head Vertical Shaft	KW	40
铣头主轴前端规格 Specification of Spindle Nose		ISO 50
铣头主轴传动比 Transmission Ratio of Milling Head Spindle		2:1 (增速)
铣头主轴最大转速 Max. Speed of Milling Head Spindle	r / min	3000
摆动范围 Swing Range		-95° to +95°
摆动最高速度 Max. Speed of Swing	r / min	6
摆动进给最大扭矩 Max. Torque of Swing Feed	Nm	7500



XKA28 超重型系列

XKA28 Super Heavy Duty Series

XKA28超重型系列数控龙门镗铣床为工作台固定、龙门移动、横梁可升降式龙门镗铣床。

XKA28 super heavy duty series CNC gantry type milling and boring machine is the gantry milling and boring machine tool with fixed table, moving gantry and moving cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XKA2870×L	XKA2880×L	XKA2890×L	XKA28105×L
工作台尺寸 (宽度×长度) Table size (width×length)	mm	6000×L	7000×L	8000×L	9000×L
龙门框架最大通过宽度 The Max. clearance between covers of portal columns	mm	6800/7500	8500	9500	10500
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	5000	6000	8000	8000
工作台承重 Table load	T/m ²	25	25	25	25
滑枕镗铣头主轴转速范围 (无级) Speed range of milling and boring spindle (stepless)	rpm	1240/1500	1500	1500	1500
滑枕镗铣头主轴功率 Power of milling and boring spindle	Kw	101/127	101/127	101/127	101/127
滑枕镗铣头主轴前端规格 Specifications of milling and boring spindle nose	ISO	7:24 No.60	7:24 No.60	7:24 No.60	7:24 No.60
X轴行程 X-axis stroke	mm	L+1500	L+1500	L+1500	L+1500
Y轴行程 Y-axis stroke	mm	8000	9000	10000	11500
Z轴行程 Z-axis stroke	mm	2000/3000	3000	3000	3000
W轴行程 W-axis stroke	mm	3500	4500	6000	6000
X轴进给速度 (无级) X-axis feed speed (stepless)	mm/min	5~10000	5~10000	5~10000	5~10000
Y轴进给速度 (无级) Y-axis feed speed (stepless)	mm/min	5~6000	5~6000	5~6000	5~6000
Z轴进给速度 (无级) Z-axis feed speed (stepless)	mm/min	5~3000	5~3000	5~3000	5~3000
W轴进给速度 (无级) W-axis feed speed (stepless)	mm/min	5~2000	5~2000	5~2000	5~2000
精度检验标准 Accuracy test standards		执行Q/SY YJC 660-2014企业标准 Adopt the Enterprise Standard Q/SY YJC 660-2014.			
机床模块化设计, 此表仅列出标准配置形式 The machine is designed in module and this form has standard spec only.					



XKAU28 超重型双龙门系列

XKAU28 Super Heavy Double Gantry Series

XKAU28超重型双龙门系列数控龙门镗铣床为工作台固定、双龙门移动、横梁可升降式龙门镗铣床。

XKAU28 super heavy double gantry series CNC gantry type milling and boring machine is the gantry milling and boring machine tool with fixed table, moving double gantry and moving cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XKAU2840 ×L	XKAU2850 ×L	XKAU2870 ×L	XKA2880 ×L	XKA2890 ×L	XKA28105 ×L
工作台尺寸(宽度×长度) Table size (width×length)	mm	4000×L	5000×L	6000×L	7000×L	8000×L	9000×L
龙门框架最大通过宽度 The Max. clearance between covers of portal columns	mm	4800	5800	6800/7500	8500	9500	10500
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	4000	5000	5000/6000	6000	8000	8000
工作台承重 Table load	T/m ²	25	25	25	25	25	25
滑枕镗铣头主轴转速范围(无级) Speed range of milling and boring spindle (stepless)	rpm	6~1240	6~1240		6~1240/3~1500		
滑枕镗铣头主轴功率 Power of milling and boring spindle	Kw	101/127	101/127	101/127	101/127	101/127	101/127
滑枕镗铣头主轴前端规格 Specifications of milling and boring spindle nose	ISO	7:24 No.60	7:24 No.60	7:24 No.60	7:24 No.60	7:24 No.60	7:24 No.60
X轴行程 X-axis stroke	mm	协商确定 Determine after negotiation					
Y轴行程 Y-axis stroke	mm	6000	7000	8000	9000	10000	11500
Z轴行程 Z-axis stroke	mm	2000	2000	2000/2500/3000			
W轴行程 W-axis stroke	mm	2500	3500	3500	4500	6000	6000
X轴进给速度(无级) X-axis feed speed (stepless)	mm/min	5~10000	5~10000	5~10000	5~10000	5~10000	5~10000
Y轴进给速度(无级) Y-axis feed speed (stepless)	mm/min	5~6000	5~6000	5~6000	5~6000	5~6000	5~6000
Z轴进给速度(无级) Z-axis feed speed (stepless)	mm/min	5~3000	5~3000	5~3000	5~3000	5~3000	5~3000
W轴进给速度(无级) W-axis feed speed (stepless)	mm/min	5~2000	5~2000	5~2000	5~2000	5~2000	5~2000
精度检验标准 Accuracy text standards		执行Q/SY YJC 660-2014企业标准 Adopt the Enterprise Standard Q/SY YJC 660-2014					

机床模块化设计, 此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



XK(H)AE24 系列

XK(H)AE24 Series

XK(H)AE24系列数控龙门镗铣床为工作台移动、龙门固定、横梁固定式龙门镗铣床。

XK(H)AE24 series CNC portal milling and boring machine is the portal milling and boring machine tool with moving table, fixed portal and fixed cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XK(H)AE2420	XK(H)AE2425	XK(H)AE2430
工作台尺寸(宽度×长度) Table size (width×length)	mm	2000×4000	2500×5000	3000×6000
两立柱间距 Clearance between two columns	mm	2700	3200	3700
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	1500/1700(4×90°), 1400/1600(1°×360)		
工作台承重 Table load	Kg	20000	25000	30000
滑枕镗铣头主轴转速范围 Speed range of milling and boring spindle	rpm	6-4000(30/41、37/51), 6-5000(22/30)		
滑枕镗铣头主轴功率 Power of milling and boring spindle	Kw	20/30、30/41、37/51		
滑枕镗铣头主轴前端规格 Specifications of milling and boring spindle nose	ISO	7:24 No.50		
X轴行程 X-axis stroke	mm	4200	5200	6720
Y轴行程 Y-axis stroke	mm	3260	3760	4260
Z轴行程 Z-axis stroke	mm	1300/1500		
X轴快速移动速度(无级) X-axis rapid moving speed (stepless)	mm/min	12000		
Y轴快速移动速度(无级) Y-axis rapid moving speed (stepless)	mm/min	12000		
Z轴快速移动速度(无级) Z-axis rapid moving speed (stepless)	mm/min	12000		
精度检验标准 Accuracy text standards		执行Q/JB YJC 623-2011企业标准 Adopt the Enterprise Standard Q/JB YJC 623-2011.		

机床模块化设计, 此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



XK(H)AD24 系列

XK(H)AD24 Series

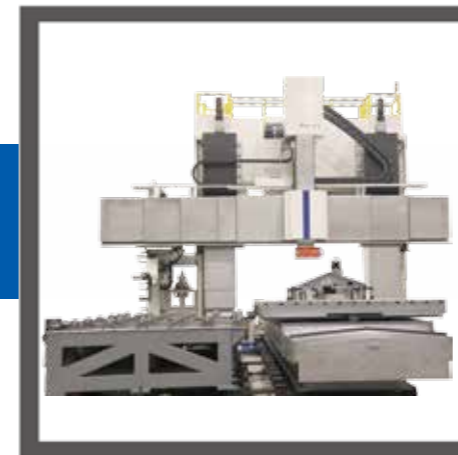
XK(H)AD24系列数控龙门镗铣床为工作台移动、龙门固定、横梁固定式龙门镗铣床。

XK(H)AD24 series CNC portal milling and boring machine is the portal milling and boring machine tool with moving table, fixed portal and fixed cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XK(H)AD2412	XK(H)AD2415	XK(H)AD2420
工作台尺寸 (宽度×长度) Table size (width×length)	mm	1250×2500	1500×3000	2000×4000
两立柱间距 Clearance between two columns	mm	1550	1800	2500
主轴端面至工作台面最大距离 The Max. clearance between spindle nose and table surface	mm	150-900	150-900	150-900
工作台承重 Table load	Kg	5500	8000	13000
滑枕镗头主轴转速范围 (无级) Speed range of milling and boring spindle (stepless)	rpm	30~3000	30~3000	30~3000
滑枕镗头主轴功率 (连续/30min) Power of milling and boring spindle (continuous/30min)	Kw	15/18.5	15/18.5	15/18.5
滑枕镗头主轴前端规格 Specifications of milling and boring spindle nose	ISO	7:24 NO.50	7:24 NO.50	7:24 NO.50
X轴行程 X-axis stroke	mm	2700	3200	4300
Y轴行程 Y-axis stroke	mm	1650	1900	3100
Z轴行程 Z-axis stroke	mm	750	750	750
X轴快速移动速度 (无级) X-axis rapid moving speed (stepless)	mm/min	12000	12000	12000
Y轴快速移动速度 (无级) Y-axis rapid moving speed (stepless)	mm/min	12000	12000	12000
Z轴快速移动速度 (无级) Z-axis rapid moving speed (stepless)	mm/min	10000	10000	10000
精度检验标准 Accuracy test standards	执行Q/JB YJC 623-2011企业标准 Adopt the Enterprise Standard Q/JB YJC 623-2011.			
机床模块化设计, 此表仅列出标准配置形式 The machine is designed in module and this form has standard spec only.				



XRAN21 动梁龙门柔性加工单元

XRAN21 Plano Flexible Machining Cell With Moveable Crossrail

XRAN21系列动梁龙门柔性加工单元, 是我公司最新开发的动梁龙门系列产品。本机床适用于汽车、航空航天、机车车辆、纺织机械、印刷机械、造纸机械、机床工具、光学仪器等行业中对板类、箱体类、机架类和模具等大型零件的精密加工, 配合合适的附件铣头后, 可对工件进行五面加工, 完成对各种复杂型面进行加工。

本产品具有高精度、高速、高效率、多功能、自动化等特点, 可满足各行业高效、高精加工的要求。具有较高技术含量、是一款高附加值的产品。本产品各项技术指标均衡、整机性能优异。

XRAN21 series of plano flexible machining cell with moveable crossrail, is the latest series of products developed by BYJC. The machine is suitable for precision machining on board type, box type, frame type, molds and so on in automobiles, aerospace, rolling stock, textile machinery, printing machinery, paper machinery, machine tools, optical instruments and etc., with appropriate milling attachment, a variety of complex surfaces machining can be completed as well as five-sided machining on the workpiece is available on the machine.

This machine features high accuracy, high speed, multi-functions, automatic and etc., which is able to meet requirements of high efficiency & high finish machining. It is a product with high technical level & high added value, which owns balanced technical datas and excellent performance on the whole machine.

技术参数

Technical parameters

	机床参数 Technical Specification	单位 UNIT	指标 DATA
工作台 Table	工作台宽度B Table width B	mm	1600, 2000, 2500
	工作台长度A Table length A	mm	3000, 4000, 5000, 6000
	工作台最大承重 Max.Load capacity of table	t/m ²	2.3
行程 Stroke	X向工作行程L X-axis stroke L	mm	A+200
	Y向工作行程 Y-axis Stroke	mm	B+1200
	Z轴行程 Z-axis Stroke	mm	1000
	W轴行程W W-axis Stroke W	mm	1200(B=1600), 1500(B=2000), 1800(B=2500)
主轴 Spindle	主轴转速(标准) Spindle Speed(Standard)	rpm	0~6000
	主轴转速(高扭矩) Spindle Speed(High-torque)	rpm	0~3000
	最大输出功率(标准) Max.Power output(Standard)	Kw (S1/S2)	18.5/22
	最大输出功率(高扭矩) Max.Power output(High-torque)	Kw (S1/S2)	37/45
	最大输出扭矩(标准) Max.Output Torque(Standard)	Nm (S1/S2)	505/600
	最大输出扭矩(高扭矩) Max.Output Torque(High-torque)	Nm (S1/S2)	981/1432
进给轴 Feed Shaft	X/Y轴最大快速移动速度 X/Y axis Max. Rapid Travelling Speed	mm/min	X:15000 Y:20000
	Z轴最大快速移动速度 Z-axis Max. Rapid Travelling Speed	mm/min	Z:15000
	X/Z/Y轴最大切削进给速度 X/Z/Y Axis Max.Cutting Feeds Speed	mm/min	8000
其他 Others	最小设定单位 Least input increment	mm	0.001
	刀库容量 Capacity of magazine	位	120、150、180



数控高精度落地铣镗床

CNC High Precision Floor Type Boring and Milling Machine

技术参数

Technical parameters

项目 ITEM	单位 UNIT	BHBM200	
镗轴直径	Boring spindle diameter	mm	Φ200
滑枕截面尺寸	Section size of ram	mm	550x550
主轴锥孔	Taper hole of spindle		SK 50
主轴电机功率	Spindle motor power	kW	80
最高转速	The highest rotation speed	r/min	2500
变速方式	Transmission mode	2档机械 / 2-shift mechanical	
主轴端部规格	Specification of spindle nose	ISO 50	
回转工作台尺寸	Size of rotary table	mm	4000 x3000
回转工作台最大承重	Max. load of rotary table	N	800000
工作台尺寸	Table size	mm	4000x4500
工作台最大承重	Max. load of table	N/m ²	250000
X轴(立柱行程)	X-axis (column stroke)	mm	12000
Y轴(主轴箱垂向行程)	Y-axis (vertical stroke of spindle)	mm	5000
Z轴(滑枕行程)	Z-axis (ram stroke)	mm	1500
ZS轴(镗杆行程)	ZS-axis (boring bar stroke)	mm	1000
X轴进给速度	X-axis feed speed	mm/min	15000
Y轴进给速度	Y-axis feed speed	mm/min	12000
Z轴进给速度	Z-axis feed speed	mm/min	15000
ZS轴进给速度	ZS-axis feed speed	mm/min	12000
快速进给速度	Rapid feed speed		
X轴快速进给速度	X-axis rapid feed speed	mm/min	20000
Y轴快速进给速度	Y-axis rapid feed speed	mm/min	12000
Z轴快速进给速度	Z-axis rapid feed speed	mm/min	15000
ZS轴快速进给速度	ZS-axis rapid feed speed	mm/min	12000



T1 高精度数控立式车床系列

T1 High Precision CNC Vertical Turning Series

T1系列数控立式车床为小型双柱龙门框架、横梁可升降式立车。

T1 series CNC vertical turning machine is a vertical turning machine with small-sized double-column portal framework and moving cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	BVT2500	BVT3000	BVT3500
最大车削直径 Max. turning diameter	mm	Φ2500	Φ3000	Φ3500
工作台直径 Table diameter	mm	Φ2250	Φ2500	Φ3000
工作台承重 Table load	T	20		
工作台导轨形式 Table guideway form		静压 Hydrostatic		
工作台转速范围 Rotation speed range of table	rpm	1~160		
工作台最大扭矩 Max. torque of table	N.m	106000		
滑枕型号 Ram model		T1		
滑枕导轨形式 Ram guideway form		直线滚动 Linear rolling		
X向行程 X stroke	mm	3000	3500	4000
Z向行程 Z stroke	mm	1500		
W向行程 W stroke	mm	1500		
零件最大通过高度 Max. allowing height of parts	mm	2500		
X向进给速度 X feed speed	mm/min	0-10000		
Z向进给速度 Z feed speed	mm/min	0-10000		
W向进给速度 W feed speed	mm/min	0-1000		
精度检验标准 Accuracy test standards		执行Q/SY YJC 0746-2015企业标准 Adopt the Enterprise Standard Q/SY YJC 0746-2015.		

机床模块化设计，此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



T2 高精度数控立式车床 (车铣复合机)系列

T2 High Precision CNC Vertical Turning Machine (Turning and Milling Complex Machine) Series

T2系列数控立式车床为中型双柱龙门框架、横梁可升降式立车（车铣复合机）。

T2 series CNC vertical turning machine is a vertical turning machine (turning and milling complex machine) with medium-sized double-column portal framework and moving cross rail.

技术参数

Technical parameters

项目 ITEM	单位 UNIT	BVTM 3500	BVTM 4000	BVTM 4500	BVTM 5000	BVTM 5500	BVTM 6000	BVTM 7000
最大车削直径 Max. turning diameter	mm	Φ3500	Φ4000	Φ4500	Φ5000	Φ5500	Φ6000	Φ7000
工作台直径 Table diameter	mm	Φ3000	Φ3500	Φ4000	Φ4500	Φ5000	Φ5000	Φ6000
工作台承重 Table load	T	30	80			200		
工作台导轨形式 Table guideway form		静压 Hydrostatic						
工作台转速范围 Rotation speed range of table	rpm	0.02~120	0.02~71			0.01~35		
工作台最大扭矩 Max. torque of table	Nm	86000/140000	150000/250000			340000/580000		
滑枕型号 Ram model		TM2						
滑枕导轨形式 Ram guideway form		静压 Hydrostatic						
铣削主轴功率 Milling spindle power	Kw	40						
铣削主轴转速 Milling spindle rotation speed	rpm	2000						
X向行程 X stroke	mm	4300	4800	5300	5800	6300	6800	7800
Z向行程 Z stroke	mm	2500						
W向行程 W stroke	mm/min	1500	3000					
零件最大通过高度 Max. allowing height of parts	mm	3000	4500			5000		
X向进给速度 X feed speed	mm/min	0-10000						
Z向进给速度 Z feed speed	mm/min	0-10000						
W向进给速度 W feed speed	mm/min	0-1000						

精度检验标准
Accuracy test standards

执行Q/SY YJC 0747-2015企业标准
Adopt the Enterprise Standard Q/SY YJC 0747-2015.

机床模块化设计，此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



T3 高精度数控立式车床 (车铣复合机)系列

T3 High Precision CNC Vertical Turning Machine (Turning and Milling Complex Machine) Series

T3系列数控立式车床为重型双柱龙门框架、横梁可升降式立车（车铣复合机）。

T3 series CNC vertical turning machine is a vertical turning machine (turning and milling complex machine) with heavy duty double-column portal framework and moving cross rail.

技术参数

Technical parameters

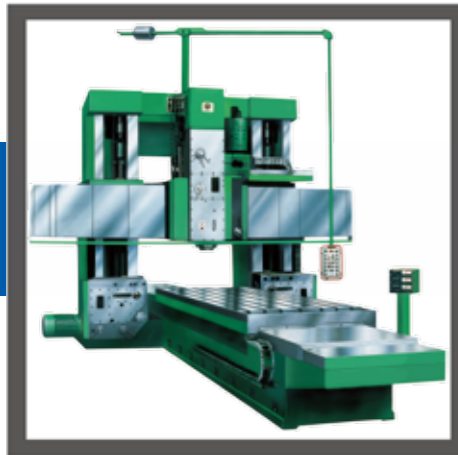
项目 ITEM	单位 UNIT	BVTM 6000	BVTM 7000	BVTM 8000	BVTM 9000	BVTM 10000	BVTM 12500	BVTM 13500
最大车削直径 Max. turning diameter	mm	Φ6000	Φ7000	Φ8000	Φ9000	Φ10000	Φ12500	Φ13500
工作台直径 Table diameter	mm	Φ5000	Φ6000	Φ7000	Φ8000	Φ9500	Φ10500	Φ10500
工作台承重 Table load	T	200		300				
工作台导轨形式 Table guideway form		静压 Hydrostatic						
工作台转速范围 Rotation speed range of table	rpm	0.01~35			0.01~26			
工作台最大扭矩 Max. torque of table	Nm	680000			850000			
滑枕型号 Ram model		TM3						
滑枕导轨形式 Ram guideway form		静压 Hydrostatic						
铣削主轴功率 Milling spindle power	Kw	63						
铣削主轴转速 Milling spindle rotation speed	rpm	2000						
X向行程 X stroke	mm	7000	8000	9000	10500	11000	13500	14500
Z向行程 Z stroke	mm	3500						
W向行程 W stroke	mm	3000	4000					
零件最大通过高度 Max. allowing height of parts	mm	5000	6000		7000			
X向进给速度 X feed speed	mm/min	0-10000						
Z向进给速度 Z feed speed	mm/min	0-10000						
W向进给速度 W feed speed	mm/min	0-1000						

精度检验标准
Accuracy test standards

执行Q/SY YJC 0747-2015企业标准
Adopt the Enterprise Standard Q/SY YJC 0747-2015.

机床模块化设计，此表仅列出标准配置形式

The machine is designed in module and this form has standard spec only.



小型龙门铣床(镗铣床)系列

Small-sized Portal Milling Machine (Milling and Boring Machine) Series

技术参数

Technical parameters

项目 ITEM	单位 UNIT	XA2112B
工作台工作面积 Working area of table	mm	1,250×4,000
两立柱间距离 Clearance between two columns	mm	1,650
垂直铣头端面至工作台面距离 The clearance between vertical milling spindle nose and table surface	mm	210~1,355
水平铣头主轴中心线至工作台面距离 The clearance between center line of horizontal milling spindle and table surface	mm	-100~1,025
工作台行程 Table stroke	mm	4,500
工作台承重 Table load	kg	10,000
工作台进给范围(无级) Table feed range (stepless)	mm/min	10~1,200
工作台快速移动 Rapid moving of table	mm/min	4,000
主轴端部规格 Specification of spindle nose		No.50
主轴套筒直径 Spindle sleeve diameter	mm	250
主轴套筒行程(手动) Spindle sleeve stroke (manually)	mm	200
主轴转速范围(12级) Speed range of spindle (12 steps)	r/min	50~630
铣头回转角度(水平) Swivel of milling head (horizontal)	deg	+30~-15
主电机功率 Main motor power	kW	15
机床轮廓尺寸(长×宽×高) Overall dimensions (length×width×height)	mm	11,660×4,350×4,765
机床重量(约) Weight of machine (about)	kg	45,750



中型龙门铣床(镗铣床)系列

Medium-sized Portal Milling Machine (Milling and Boring Machine) Series

技术参数

Technical parameters

项目 ITEM	单位 UNIT	X2016×50A	X2020×60A	X2025×80A	XA2130×100A
工作台工作面积 Working area of table	mm	1600×5000	2000×6000	2500×8000	3000×10000
工作台承载重量 Table load	kg	20000	30000	40000	80000
两立柱间距离 Clearance between two columns	mm	2000	2400	2900	3400
滑枕镗铣头端面至工作台面距离 The clearance between milling and boring spindle nose and table surface	mm	150~1650	150~2050	150~2550	250~3050
水平铣头主轴轴线至工作台面距离 The clearance between axis of horizontal milling spindle and table surface	mm	-180~1330	-180~1730	-180~2230	-200~2700
工作台纵向行程(X向) Longitudinal stroke of table (X)	mm	5860	6860	8860	10880
溜板横向行程(Y向) Transverse stroke of slide (Y)	mm	2500	2900	3400	4280
水平铣头垂向行程(Z向) Vertical stroke of horizontal milling head (Z)	mm	1510	1910	2410	2900
工作台进给范围(无级) Table feed range (stepless)	mm/min	10-1000	10-1000	10-1000	10-1000
工作台快速移动 Rapid moving of table	mm/min	4000	4000	4000	4000
工作台微动 Table inching	mm/min	≤10	≤10	≤10	≤10
溜板沿横梁或立柱进给(无级) Slide feeds along cross rail or column (stepless)	mm/min	10-1000	10-1000	10-1000	10-1000
溜板沿横梁或立柱快速进给 Slide feeds rapidly along cross rail or column	mm/min	2000	2000	2000	2000
溜板沿横梁或立柱微动 Slide inching along cross rail or column	mm/min	≤10	≤10	≤10	≤10
滑枕式镗铣头主电机功率 Main motor power of ram milling and boring head	kW	30	30	30	30
主轴转速范围(18级) Speed range of spindle (18 steps)	r/min	8~630	8~630	8~630	8~630
套筒式铣头主电机功率 Main motor power of sleeve milling head	kW	22	22	22	22
主轴转速范围(12级) Speed range of spindle (12 steps)	r/min	31.5~630	31.5~630	31.5~630	31.5~630
主轴端部规格 Specification of spindle nose	ISO	ISO 60(7: 24)	ISO 60(7: 24)	ISO 60(7: 24)	ISO 60(7: 24)
机床外形尺寸(长×宽×高) Overall dimensions (length×width×height)	mm	12840×5822×5885	15340×6322×6285	19450×6822×6785	24560×8800×7635
机床重量(约) Weight of machine (about)	kg	100000	115000	145000	220000