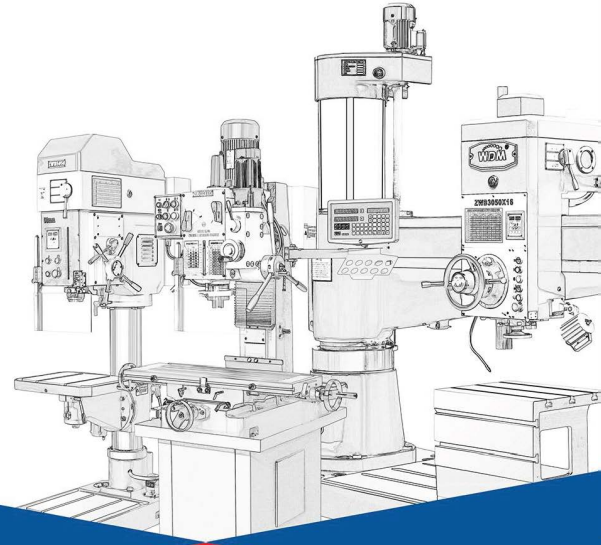




西菱机床装备世界



浙江西菱股份有限公司
ZHEJIANG XILING CO., LTD.

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浙江西菱股份有限公司
ZHEJIANG XILING CO., LTD.

A Superior Drilling Solution Supplier



关于西菱 About XILING

浙江西菱股份有限公司始建于1992年，是专注于高效精密钻床系列机床制造的国家级高新技术企业。公司总部座落在素有中国大陆第一缕阳光普照地之美誉和中国股份制经济发祥地之称的浙江省温州市，拥有温州市牧屿机电工业园区和上马工业园区两大生产基地，总占地面积11万多平方米，总建筑面积9万多平方米。公司荣获中国机床工业协会颁发的“企业钻床系列产品产量和市场占有率国内同行业第一名”、浙江省工商局颁发的“浙江省知名商号”、“浙江省著名商标”及浙江省技术监督局颁发的“浙江省名牌产品”等殊荣。

公司始终以质量求生存，立足于培育核心竞争力，已成为钻床行业的龙头企业。公司建立了完善的质量管理体系，并于2001年通过了ISO9001国际质量体系认证，产品先后通过了CCC、CQC、UL、CUL、GS、CE等安全认证。在同行业中，首次通过CCMS中国机械安全认证。公司主导产品包括精密立式加工中心、数控钻铣床、高效复合机床、摇臂钻床、立式钻床、台式钻床、机床附件等130多种产品，已形成多品种、多规格、系列化覆盖同行业同类产品的格局，构建了全球采购和销售网络，与世界上100多个国家和地区建立了稳定的贸易合作关系，为国内外众多企业提供各种安全、高效、精密的通用型或专用型机床。

公司坚持以创新求发展，建立了高新技术产品研发中心，拥有一批高素质的专业人才。公司的技术中心获得“浙江省省级企业技术中心”称号，公司已获得包括国家发明专利、实用新型、软件著作权等各项专利版权100多项。公司将加大研发投入，投向数控钻床和高效复合机床及无人化加工设备等项目，以进一步提升公司在钻床行业的领先地位，满足下游产业对中高端数控机床的需求。

公司坚持“质量求生存，管理出效益，创新谋发展，服务创品牌”的方针，秉承“产业多元化、经营国际化、资本社会化、管理科学化”的发展理念，大力推进“管理筑基、文化铸魂、营销筑策、品牌塑魂”的企业战略构想，全力打造“西菱”品牌，在西菱人的共同努力下，浙江西菱股份有限公司的明天会更好，更辉煌。



全国工业品牌培育示范企业



管理出效益 服务创品牌

ZHEJIANG XILING CO., LTD

—A Superior Drilling Solution Supplier

ZHEJIANG XILING CO., LTD was founded in 1992; it is a national high and new technology enterprise which is focused on producing high precision drilling machines. Company headquarters is located in Wenling, Zhejiang which has two production bases, with over 110000 square meters total area and over 90000 square meters total construction area. XILING won the award "Production and sales and market share NO.1 in the domestic market of drilling machine series products" issued by the China machine tool industry association, "Zhejiang well-known firm", "Zhejiang famous brand" issued by Industrial and commercial bureau of Zhejiang province, "Zhejiang famous brand products" issued by the Technical supervision bureau of Zhejiang province, etc.

XILING always strives for the survival by the quality, based on cultivating core competitiveness, and has become a leader in the field of drilling machine industry. XILING has established a perfect quality management system, and in 2001 passed the ISO9001 international quality system certification, the products have passed the safety certification of CCC, CQC, UL, CUL, GS, CE, etc one after another. XILING is the first drilling machine manufacturer which got the CCMS China machinery safety certification. The main products over 130 items, including CNC precision vertical machining center, CNC drilling and milling machine, efficient composite machine, radial drilling machine, vertical drilling machine, bench drilling machine, machine tool accessories etc, and has formed the pattern of diversified variety, specification and series which cover the same products in the same industry, built a global sourcing and marketing network, established a stable trade cooperative relationship with more than 100 countries and regions in the world, and provide all kinds of safe, high efficiency and precision of universal or special machine tools for many domestic and overseas enterprises.

XILING adhere to developing on innovation, and set up a high-tech product research and development center, has a number of highly qualified professionals. The company's technology center won the award "Zhejiang provincial enterprise technology center", also has obtained patent rights over 100 items, including the national invention patent, utility model, the software copyright etc. XILING will increase investment in research and development on the CNC drilling machine, the efficient compound machine and unmanned machining equipment and so on, in order to further enhance the leading position of XILING in the drilling industry, meeting the demand of the high-end CNC machine tools in the downstream industry, and further improve the profitability.

XILING adhere to the policy of "survive by quality, benefit by management, develop by innovation, brand by service", adhering to the development philosophy of "industrial diversification, management internationalization, capital socialization, management scientific", vigorously promote the enterprise strategic concept of "management build base, culture cast soul, marketing build matrix and brand mould root", to build up "WDDM" brand, and we believe under the efforts of every XILING people, the tomorrow of ZHEJIANG XILING CO., LTD will be better and more brilliant.



ZHEJIANG XILING CO., LTD



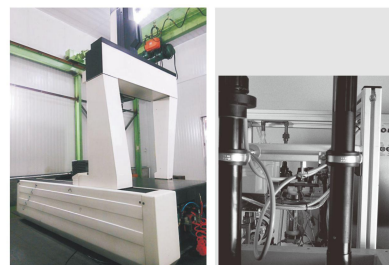
WDDM 西菱股份
XILING



A Superior Drilling Solution Supplier

以质量求生存 以创新求发展

西菱股份是高效精密钻床的领先制造商，
它以“精工细作，西菱品牌”质量著称。
“西菱机床，装备世界”缔造“中国芯”绿色智造，
提升中国机床行业的发展前景。



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专注钻削技术 提供完整的解决方案



通过装有QR码识别软件的移动设备，可直接查询相关产品信息。

www.wddm.com.cn

CNC VERTICAL MACHINE CENTER 数控立式加工中心

标准附件

- 华中数控系统HNC-21M
- VC全封闭式防护罩
- 切削液循环装置
- 自动定时定量润滑油装置
- 工作照明灯
- 水平调整螺栓与基础垫块
- 三轴滑轨伸缩护罩
- 电气箱热交换器
- 刚性攻牙
- 机械、电器操作说明书
- 工具箱

Standard accessories

- CNC control system HNC-21M
- VC full machine enclosure
- Coolant system
- Auto timing lubrication system
- Lamp
- Leveling screw and block
- Telescopic cover for guide ways
- Heat exchanger system for control cabinet
- Thread-cutting feature
- Operation manual
- Tool box

自动刀具交换系统 (ATC) Automatic tool change

特殊附件

- 第四、第五轴旋转工作台
- 刀具中央出水冷却装置
- 自动刀具测量装置
- 自动排屑机与积屑车
- 二段变速齿轮箱
- 冲水枪装置
- 手提式吹屑空气枪
- 寻边器

Special accessories

- 4th, 5th axis rotating table
- Cutter center cooling system
- Cutter auto measure device
- Chip conveyor and handcart
- Two steps speed change gearbox
- Squirt gun
- Portable air gun for chip blow-out
- Edge finders



VMC1060/VMC1370/VMC1690/VMC1890

WDM 西菱股份
XILING
www.wddm.com.cn

项目	型号	VMC1060	VMC1370	VMC1690	VMC1890
移动 Moving	X轴行程 X-axis travel	mm 1000	1300	1600	1800
	Y轴行程 Y-axis travel	mm 600	700	900	900
	Z轴行程 Z-axis travel	mm 600	650	680	680
	主轴端面至工作台距离 Distance between spindle end to table	mm 140-740	140-790	160-840	160-840
	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	mm 650	785	950	950
工作台 Table	工作台尺寸 Table size	mm 1300X600	1400X710	1800X900	2000X900
	T型槽 [宽度×数量×间距] T slot (width X number X space)	/	18mmX5X100mm	22mmX5X120mm	22mmX5X120mm
主轴 Spindle	工作台承重 Allowable load	kg 800	1000	1600	1600
	主轴电机 Motor of spindle	kW 7.5/11	15/18.5	18.5/22	18.5/22
	主轴转速 Speed of spindle	r/min 8000	6000	6000	6000
进给 Feed	主轴锥度 Taper of spindle nose	/	BT40	BT50	BT50
	X、Y轴电机 Motor of X,Y axis	kW 2	3.5	6	6
	Z轴电机 Motor of Z axis	kW 2	3.5	6	6
	快速速度 Rapid feed rate	m/min 12	12	12	12
精度 Accuracy	切削进给速度 Cutting feed rate	m/min 6	6	6	6
	定位精度 Positioning accuracy	mm	0.005		
	重复定位精度 Repeat ability	mm	0.003		
自动换刀 ATC	自动换刀方式 Change type	/	圆盘刀库 Arm type		
	刀库容量 Tool magazine capacity	把	24 Tools		
其它 Other	刀具最大 (直径×重量×长度) Max. Tool (diameter×weight×length)	/	φ80mmX7kgX300mm		
	自动换刀时间 Change time	S	3		
	机床总功率 Power requirement	kW 20	35	45	45
	机床外部尺寸 Overall Size	m 3X1.65X2	3.65X2.1X1.94	4.7X2.5X2.7	4.7X2.5X2.7
机床净重 N.W	kg 6500	9500	13500	15000	
丝杆类型 Type of screw	C3级滚珠丝杆 C3 grade ball screw				
X、Y、Z轴电机连接方式 Motor connect mode	直联 Direct				
导轨形式 Type of guide way	矩形硬轨 Rectangular hardened guide ways				
床身材质 Material of bed	优质铸铁 High quality cast iron				
润滑形式 Type of lubrication	集中润滑 Central lubrication				
防护形式 Type of cover	全防护 Totally enclosed guard				
操作系统 CNC control system	发那科、三菱、西门子、凯恩帝、华中数控、广数 FANUC, MITSUBISHI, SIEMENS, KND, HNC, GSK				

CNC VERTICAL MACHINE CENTER 数控立式加工中心

标准附件

- 华中数控系统HNC-21M
- VC全封闭式防护罩
- 切削液循环装置
- 自动定时定量润滑装置
- 工作照明灯
- 水平调整螺栓与基础垫块
- 电气箱热交换器
- 自动刀具交换系统 (ATC)
- 刚性攻牙
- 机械、电器操作说明书
- 工具箱

Standard accessories

- CNC control system HNC-21M
- VC full machine enclosure
- Coolant system
- Auto timing lubrication system
- Lamp
- Leveling screw and block
- Heat exchanger system for control cabinet
- Automatic tool change
- Thread-cutting feature
- Operation manual
- Tool box

三轴滑轨伸缩护罩

Telescopic cover for guicle ways



VMC650/VMC850

特殊附件

- 第四、第五轴旋转工作台
- 刀具中央出水冷却装置
- 自动刀具测量装置
- 自动排屑机与积屑车
- 二段变速齿轮箱
- 冲水水枪装置
- 手提式吹屑空气枪
- 寻边器

Special accessories

- 4th,5th axis rotating table
- Cutter center cooling system
- Cutter auto measure device
- Chip conveyer and handcart
- Two steps speed change gearbox
- Squirt gun
- Portable air gun for chip blow-out
- Edge finders

项目	型号	VMC650	VMC850
移动 Moving	X轴行程 X-axis travel	mm 650	850
	Y轴行程 Y-axis travel	mm 500	500
	Z轴行程 Z-axis travel	mm 500	500
	主轴端面至工作台距离 Distance between spindle end to table	mm 110-610	110-610
	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	mm 560	560
工作台 Table	工作台尺寸 Table size	mm 900X450	900X450
	T型槽 (宽度×数量×间距) T slot (aide X number X space)	mm 18mmX5X90mm	18mmX5X90mm
主轴 Spindle	工作台承重 Allowable load	kg 600	600
	主轴电机 Motor of spindle	kW 3.7/5.5	5.5/7.5
	主轴转速 Speed of spindle	r/min 8000	8000
	主轴锥度 Taper of spindle nose	/ BT40	BT40
进给 Feed	X、Y轴电机 Motor of X,Y axis	kW 1	2
	Z轴电机 Motor of Z axis	kW 1	2
	快移速度 Rapid feed rate	m/min 15	15
精度 Accuracy	定位精度 Positioning accuracy	mm 0.005	0.005
	重复定位精度 Repeat ability	mm 0.003	0.003
自动换刀 ATC	自动换刀方式 Change type	/ 斗笠式 Armless	圆盘刀库 Arm type
	刀库容量 Tool magazine capacity	把 16Tools	20Tools
	刀具最大 (直径X重量X长度) Max. Tool (diameter X weight X length)	/	φ80mmX7kgX300mm
	自动换刀时间 Change time	S 6	3
其它 Other	机床总功率 Power requirement	kW 10	15
	机床外形尺寸 Overall Size	m 2.4X1.38X1.9	2.6X1.4X1.9
丝杆类型 Type of screw		C3级滚珠丝杆 C3 grade ball screw	
X、Y、Z轴电机连接方式 Motor connect mode		直联 Direct	
导轨形式 Type of guide way		矩形硬轨 Rectangular hardened guide ways	
床身材质 Material of bed		优质铸铁 High quality cast iron	
润滑形式 Type of lubrication		集中润滑 Central lubrication	
防护形式 Type of cover		全防护 Totally enclosed guard	
操作系统 CNC control system		发那科、三菱、西门子、凯恩帝、华中数控、广数 FANUC,MITSUBISHI,SIEMENSE,KND,HNC, GSK	

CNC VERTICAL MACHINE CENTER 数控立式加工中心



标准附件

- 华中数控系统HNC-210A
- VC全封闭式防护罩
- 切削液循环装置
- 自动定时定量润滑装置
- 工作照明灯
- 水平调整螺栓与基础垫块
- 三轴滑轨伸缩护罩
- 电气箱热交换器
- 自动刀具交换系统 (ATC)
- 刚性攻牙
- 机械、电器操作说明书
- 工具箱

Standard accessories

- CNC control system HNC-210A
- VC full machine enclosure
- Coolant system
- Auto timing lubrication system
- Lamp
- Leveling screw and block
- Telescopic cover for guicle ways
- Heat exchanger system for control cabinet
- Automatic tool change
- Thread-cutting feature
- Operation manual
- Tool box

特殊附件

- 第四轴旋转工作台
- 冲水水枪装置
- 手提式吹屑空气枪

Special accessories

- 4th axis rotating table
- Squirt gun
- Portable air gun for chip blow-out

VMC420/VMC420L



项目	型号	VMC420	VMC420L
移动 Moving	X轴行程 X-axis travel	mm 410	410
	Y轴行程 Y-axis travel	mm 260	260
	Z轴行程 Z-axis travel	mm 500	500
	主轴端面至工作台距离 Distance between spindle end to table	mm 120-620	120-620
	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	mm 280	290
工作台 Table	工作台尺寸 Table size	mm 700X290	700X290
	T型槽 (宽度×数量×间距) T slot (aide X number X space)	/ 14mmX3X80mm	14mmX3X80mm
主轴 Spindle	工作台承重 Allowable load	kg 250	250
	主轴电机 Motor of spindle	kW 3.7	3.7
	主轴转速 Speed of spindle	r/min 6000	6000
	主轴锥度 Taper of spindle nose	/ BT30	BT30
进给 Feed	X、Y轴电机 Motor of X,Y axis	kW 1.2	1.2
	Z轴电机 Motor of Z axis	kW 1.2	1.2
	快移速度 Rapid feed rate	m/min 6	15
精度 Accuracy	定位精度 Positioning accuracy	mm 0.010	0.005
	重复定位精度 Repeat ability	mm 0.006	0.003
自动换刀 ATC	自动换刀方式 Change type	/ 斗笠式 Armless	斗笠式 Armless
	刀库容量 Tool magazine capacity	把 12	12
	刀具最大 (直径X重量X长度) Max. Tool (diameter X weight X length)	/	φ80X4X200
	自动换刀时间 Change time	S 6	6
其它 Other	机床总功率 Power requirement	kW 7.5	7.5
	机床外形尺寸 Overall Size	mm 1660X1630X2260	1660X1630X2260
包装尺寸 Packing Size	mm 1930X1990X2460	1930X1990X2460	
机床净重/毛重 N.W/G.W	kg 2185/2400	2185/2400	
丝杆类型 Type of screw		C3级滚珠丝杆 C3 grade ball screw	
X、Y、Z轴电机连接方式 Motor connect mode		直联 Direct	
导轨形式 Type of guide way		矩形硬轨 Rectangular hardened guide ways	
床身材质 Material of bed		优质铸铁 High quality cast iron	
润滑形式 Type of lubrication		集中润滑 Central lubrication	
防护形式 Type of cover		全防护 Totally enclosed guard	
操作系统 CNC control system		发那科、三菱、西门子、凯恩帝、华中数控、广数 FANUC,MITSUBISHI,SIEMENSE,KND,HNC, GSK	

CNC HIGH SPEED DRILLING MACHINE 高速数控钻床



主轴最高转速 40000 r/min

高速 Exchange Gear **易操作 Easy to Operate** **精密 Precise**

主要特点

- 主轴最高转速可达40000r/min, 变速范围广, 适用于铸铝、铸钢等有色金属及树脂复合材料等加工。
- 窗口式参数化数控系统, 系统内集成了常用孔加工工艺模块, 数控系统具有操作简单方便、编程方便, 同时也可采用G代码编程, 满足不同用户要求。
- 数控十字工作台, 定位精度高, 移动速度快; 适用于孔距要求较高, 孔数较多的零件加工; 例如食品机械上盖子的加工。

Main Characteristics

- With Max. spindle speed up to 40000r/min, wide speed range, the machine can be applied in the processing of nonferrous metals such as Zinc, Aluminum, Copper, as well as Resin Matrix Composite materials
- Window type parameterized CNC system gathers modules of processing of common thread. The CNC system is convenient to operate and program, meanwhile, G-code programming can also be adopted to meet the requirement from different user.
- CNC cross slide table with high positioning accuracy and fast moving speed, which can be applied in the processing of components with multi threads or those with high requirement in thread distance, such as the processing of strainer in food machinery.

ZK3020L



项目	型号	ZK3020L
移动 Moving	X轴行程 X-axis travel	300
	Y轴行程 Y-axis travel	180
	Z轴行程 Z-axis travel	300
工作台 Table	主轴端面至工作台台面距离 Distance between spindle end to table	40-340
	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	255
	工作台尺寸 Table size	500×200
	T型槽 (宽度×数量×间距) T slot (width X number X space)	12mm×3×63mm
主轴 Spindle	工作台承重 Allowable load	50
	主轴电机 Motor of spindle	0.4
	主轴转速 Speed of spindle	10000-40000
进给 Feed	主轴锥度 Taper of spindle nose	ER16
	X、Y轴电机 Motor of X,Y axis	N.m 2.4
	Z轴电机 Motor of Z axis	N.m 7
	快移速度 Rapid feed rate	m/min 25
精度 Accuracy	切削进给速度 Cutting feed rate	m/min 1.5
	定位精度 Positioning accuracy	mm 0.03
	重复定位精度 Repeat ability	mm 0.02
其它 Other	机床总功率 Power requirement	kW 3.2
	机床外形尺寸 Overall Size	m 1.38×1.35×1.88
	机床净重 N.W	kg 1200
防护形式 Type of cover	全防护 Totally enclosed guard	

CNC DRILLING & MILLING MACHINE 数控钻铣床

- 标准附件**
- 华中数控系统HNC-18M
 - VS半防护罩
 - 切削液循环装置
 - 自动定时定量润滑装置
 - 工作照明灯
 - 水平调整螺栓与基础垫块
 - 电气箱热交换器
 - 机械、电器操作说明书
 - 工具箱
- Standard accessories**
- CNC control system HNC-18M
 - VS half machine enclosure
 - Coolant system
 - Auto timing lubrication system
 - Lamp
 - Leveling screw and block
 - Heat exchanger system for control cabinet
 - Operation manual
 - Tool box



ZKX-32A/ZKX-32AL

三轴滑轨伸缩护罩 Telescopic cover for guicle ways

- 特殊附件**
- 第四轴旋转工作台
 - 冲水水枪装置
 - 手提式吹嘴空气枪
 - 刚性攻牙
- Special accessories**
- 4th axis rotating table
 - Squirt gun
 - Portable air gun for chip blow-out
 - Thread-cutting feature



项目	型号	ZKX-32A	ZKX-32AL
移动 Moving	X轴行程 X-axis travel	400	400
	Y轴行程 Y-axis travel	260	260
	Z轴行程 Z-axis travel	500	500
	主轴线至工作台台面距离 Distance between spindle end to table	120-620	120-620
工作台 Table	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	320	320
	工作台尺寸 Table size	700X290	700X290
	T型槽 (宽度×数量×间距) T slot (width X number X space)	14mmX3X80mm	14mmX3X80mm
主轴 Spindle	工作台承重 Allowable load	250	250
	主轴电机 Motor of spindle	3.7伺服主轴电机	3.7伺服主轴电机
	主轴转速 Speed of spindle	100-6000(无级)	100-6000(无级)
	主轴锥度 Taper of spindle nose	BT30	BT30
进给 Feed	主轴直径 Spindle column	110	110
	传动方式 Mode of drive	同步带(Synchronous Belt)	同步带(Synchronous Belt)
	X、Y轴电机 Motor of X,Y axis	1.2	1.2
	Z轴电机 Motor of Z axis	1.2	1.2
精度 Accuracy	快移速度 Rapid feed rate	m/min 6	15
	切削进给速度 Cutting feed rate	m/min 5-1500	5-1500
	定位精度 Positioning accuracy	mm 0.025	0.025
其它 Other	重复定位精度 Repeat ability	mm 0.015	0.015
	机床总功率 Power requirement	kW 7.5	7.5
	机床外形尺寸 Overall Size	mm 1400X1500X2150	1400X1500X2150
包装尺寸 Packing Size	mm 1750X1550X2460	1750X1550X2460	
机床净重/毛重 N.W/G.W	kg 1880/2100	1880/2100	
丝杆类型 Type of screw		滚珠丝杆 ball screw	
导轨形式 Type of guide way		矩形硬轨 Rectangular hardened guideways 直线导轨 Line guide	
换刀方式 Mode of tool change		气动 Pneumatic fast tool change	
床身材质 Material of bed		优质铸铁 High quality cast iron	
润滑形式 Type of lubrication		集中润滑 Central lubrication	
防护形式 Type of cover		标配: 半防护 Semi-enclosed guard 选配: 全防护 Totally enclosed guard	
操作系统 CNC control system		发那科、三菱、西门子、凯恩帝、华中数控、广数 FANUC, MITSUBISHI, SIEMENSE, KND, HNC, GSK	

CNC DRILLING & MILLING MACHINE 数控钻铣床

标准附件

- 华中数控系统HNC-21M
- VS半防护罩
- 切削液循环装置
- 自动定时定量润滑装置
- 工作照明灯
- 水平调整螺栓与基础垫块
- 三轴滑轨伸缩护套
- 机械、电器操作说明书
- 工具箱

Standard accessories

- CNC control system HNC-21M
- VS half machine enclosure
- Coolant system
- Auto timing lubrication system
- Lamp
- Leveling screw and block
- Telescopic cover for guide ways
- Operation manual
- Tool box

电气箱热交换器

Heat exchanger system for control cabinet

特殊附件

- 第四、第五轴旋转工作台
- 自动排屑机与积屑车
- 冲水水枪装置
- 手模式吹屑空气枪
- 自动刀具交换系统(ATC)
- 刚性攻牙

Special accessories

- 4th,5th axis rotating table
- Chip conveyor and handcart
- Squirt gun
- Poratable air gun for chip blow-out
- Automatic tool change
- Thread-cutting feature



XK713/XK714

项目	型号	XK713	XK714
移动 Moving	X轴行程 X-axis travel	mm 600	800
	Y轴行程 Y-axis travel	mm 400	500
	Z轴行程 Z-axis travel	mm 500	500
	主轴端面至工作面距离 Distance between spindle end to table	mm 110-610	75-575
	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	mm 457	519
工作台 Table	工作台尺寸 Table size	mm 1000X360	1270X400
	T型槽(宽度×数量×间距) T slot(wide X number X space)	/	14mmX3X110mm 18mmX3X110mm
主轴 Spindle	工作台承重 Allowable load	kg 300	500
	主轴电机 Motor of spindle	kW 3.7/5.5	5.5/7.5
进给 Feed	主轴转速 Speed of spindle	r/min 8000	8000
	主轴锥度 Taper of spindle nose	/	BT40 BT40
	X、Y轴电机 Motor of X,Y axis	kW 1	1.5
精度 Accuracy	Z轴电机 Motor of Z axis	kW 1	1.5
	快移速度 Rapid feed rate	m/min 8	8
其它 Other	切削进给速度 Cutting feed rate	m/min 4	4
	定位精度 Positioning accuracy	mm 0.025	
	重复定位精度 Repeat ability	mm 0.015	
	机床总功率 Power requirement	kW 12	15
	机床外形尺寸 Overall Size	m 2.45X1.45X1.9	2.8X1.52X1.9
	机床净重 N.W	kg 2700	3000
	丝杆类型 Type of screw	C3级滚珠丝杆 C3 grade ball screw	
	X、Y、Z轴电机连接方式 Motor connect mode	直联 Direct	
	导轨形式 Type of guide way	矩形硬轨 Rectangular hardened guide ways	
	床身材质 Material of bed	优质铸铁 High quality cast iron	
	润滑形式 Type of lubrication	集中润滑 Central lubrication	
	防护形式 Type of cover	标配:半防护 Semi-enclosed guard 选配:全防护 Totally enclosed guard	
	操作系统 CNC control system	发那科、三菱、西门子、凯恩帝、华中数控、广数 FANUC, MITSUBISHI, SIEMENSE, KND, HNC, GSK	

CNC VERTICAL MILLING MACHINE 数控立式铣床



特点:

- 适用于中小型板件、盘类、壳体类等复杂零件及模具的批量加工。
- 机床基础件采用优质特种铸件，高刚度结构；导轨淬火磨削，与其相配的导轨贴塑，自动间歇润滑，进给平稳无爬行。精度保持性好。
- 主轴传动采用交流电机驱动，高转速，大扭矩，宽恒功率区，温升低，噪声低。
- 机床具有强力切削，大流量冷却，变排屑槽。
- 标配西门子数控系统，可选广数或华中数控系统。

Characters:

- Suitable for machining medium and small size plates, discs, shell, complex workpieces, moulds & dies etc. In batch production.
- Well constructed with special casting. Highly rigid structure. Quenched turlic guide ways and automatic intermittent lubrication ensure high accuracy and stable feed without creep.
- The spindle is driven by AC motor, featuring high speed, high torque, wide constant power range minimum thermal increase and low noise.
- Heavy cutting, flood coolant, wide chip disposal grooves.
- Equipped with RENHE CNC system, and the GSK system or HNC system can be provided on customers' order.



ZK5140B/ZK5150B



项目	型号	ZK5140A/ZK5150A	ZK5140B/ZK5150B
移动 Moving	最大钻孔直径 Max. Drilling capacity	mm 40/50	40/50
	X轴行程 X-axis travel	mm 600	
	Y轴行程 Y-axis travel	mm 300	
	Z轴行程 Z-axis travel	mm 250	
	主轴端面至工作面距离 Distance between spindle end to table	mm 120-740/80-700	175-795
工作台 Table	主轴中心至立柱母线的距离 Distance spindle axis to column generating ling	mm 335	
	工作台尺寸 Table size	mm 850X450	
主轴 Spindle	T型槽(宽度×数量×间距) T slot(wide X number X space)	/	14mmX3X100mm
	工作台承重 Allowable load	kg 300	
进给 Feed	主轴电机 Motor of spindle	kW 3/4	3/4
	主轴转速 Speed of spindle	r/min 31.5-1400	
	主轴锥度 Taper of spindle nose	/	MT4/MT5 MT4/MT5
精度 Accuracy	X、Y轴电机 Motor of X,Y axis	kW 1.2/1.2	2.5
	Z轴电机 Motor of Z axis	kW 2.5	
其它 Other	快移速度 Rapid feed rate	m/min 8/8/2	
	切削进给速度 Cutting feed rate	m/min 1.5	
	定位精度 Positioning accuracy	mm X,Y:0.03 Z:0.06	
	重复定位精度 Repeat ability	mm X,Y:0.03 Z:0.04	
	机床总功率 Power requirement	kW 12/13	12/13
	机床包装尺寸 Packing dimension	cm 185X172X250	
	机床净重/毛重 N.W/G.W	kg 1900/2015	
	丝杆类型 Type of screw	C5级滚珠丝杆 C5 grade ball screw	
	X、Y、Z轴电机连接方式 Motor connect mode	XY轴同步带传动/Z轴齿轮传动	
	导轨形式 Type of guide way	矩形硬轨 Rectangular hardened guide ways	
	床身材质 Material of bed	优质铸铁 High quality cast iron	
	润滑形式 Type of lubrication	集中润滑 Central lubrication	

CNC DRILLING MACHINE 数控钻床



ZK2515-3

- 特点:
- 机电一体化设计, 结构合理紧凑, 美观

- Characters:
- An electromechanical integration design ensures the compact structure and esthetic appearance.



ZK2515

■ 特点:

- 主轴传动系统采用高精度滚珠丝杠, 定位精确, 精度稳定性好, 特别适用于盲孔定深精度较高的工件; 进给系统采用数控系统控制, 能实现;
- 快进, 工进, 快退(排屑), 等加工指令的循环, 显著提高效率, 另外还特别设计了专用钻孔指令, 方便快捷。

■ Characters:

- The feed for spindle transmission system uses the high accuracy ball bearing guide screw, the localization is precise, the precision stability is good, specially using in the blind hole decides the deep precision high work piece;
- The feeding is realized by means of CNC system, capable of realizing a cycle comprising fast forward—fine forward—fast backward (chip removal), the efficiency prominently improved. In addition, an orders are designed specifically for drilling operation, which simplifies the operation and improves the effectiveness;

项目	型号	ZK2515	ZK2515-3	
移动 Moving	最大钻孔直径 Max. Drilling capacity	mm	25	25
	X轴行程 X-axis travel	mm	/	230
	Y轴行程 Y-axis travel	mm	/	180
	Z轴行程 Z-axis travel	mm	150	
	主轴端面至工作台面距离 Distance between spindle end to table	mm	130-680	90-640
工作台 Table	主轴中心至立柱导轨的距离 Distance spindle axis to column generating ling	mm	297.5	
	工作台尺寸 Table size	mm	/	400X250
	T型槽 (宽度×数量×间距) T slot (wide X number X space)	mm	18X2X200	14X3X80
主轴 Spindle	工作台承重 Allowable load	kg	50	50
	主轴电机 Motor of spindle	kW	2.2	
	主轴转速 Speed of spindle	r/min	0-940, 0-1440, 0-2880(可选)	
进给 Feed	主轴锥度 Taper of spindle nose	/	MT3	
	X、Y轴电机 Motor of X,Y axis	N.m	/	7
	Z轴电机 Motor of Z axis	N.m	7	
精度 Accuracy	快移速度 Rapid feed rate	m/min	4	8/8/4
	切削进给速度 Cutting feed rate	m/min	1.5	1.5
	定位精度 Positioning accuracy	mm	0.035	
其它 Other	重复定位精度 Repeat ability	mm	0.02	
	机床总功率 Power requirement	KW	3	5
	机床外形尺寸 Overall Size	m	1.2X1.56X2.2	1.35X1.77X2.2
防护形式 Type of cover	包装尺寸 Packing dimension	mm	1310X1650X2350	1550X1970X2350
	机床净重/毛重 N.W/G.W	kg	650/730	900/980
	丝杆类型 Type of screw		C5级滚珠丝杆 C5 grade ball screw	



CNC BENCH DRILLING MACHINE 数控台式钻床



ZK4120C/ZK4120B/ZK4120X2

- 特点:
- 机电一体化设计, 结构合理紧凑, 美观;
 - 进给系统采用单轴数控系统控制, 能实现快进, 工进, 快退(排屑), 等加工指令的循环, 显著提高效率, 另外还特别设计了专用钻孔指令, 方便快捷;

- Characters:
- An electromechanical integration design ensures the compact structure and esthetic appearance.
 - The feeding is realized by means of uniaxial CNC system, capable of realizing a cycle comprising fast forward—fine forward—fast backward(chip removal), the efficiency prominently improved. In addition, an orders are designed specifically for drilling operation, which simplifies the operation and improves the effectiveness;



ZK4120A

项目	型号	ZK4120	ZK4120X2	ZK4120A	ZK4120-2	ZK4120-3	ZK4120C
最大钻孔直径 Max. Drilling capacity	mm	20					
X轴行程 X-axis travel	mm	/		230		/	
Y轴行程 Y-axis travel	mm	/		180		/	
Z轴行程 Z-axis travel	mm	115					
主轴端面至工作台面距离 Distance between spindle end to table	mm	630	750	750	605(到滑台)	575(到滑台)	630
主轴端面至工作台面最大距离 Max. Distance spindle nose to table	mm	370	/				
主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	mm	240					
两立柱中心距 Distance column	mm	/	600	/			/
工作台尺寸 Table size	mm	370×590	1040X680	680X440	/		375×590
T型槽 (宽度×数量×间距) T slot (wide X number X space)	/	14mm×2×170mm	14mm×2×200mm	14mm×3×80mm	T型槽尺寸与分度盘匹配		14mm×2×170mm
工作台承重 Allowable load	kg	100	150	150	50	50	100
主轴电机 Motor of spindle	kW	1.1					
主轴转速 Speed of spindle	r/min	365, 560, 1000, 1800, 3150					
主轴锥度 Taper of spindle nose	/	MT2					
X轴电机 Motor of X axis	kW	/		1.2	1.2	/	
Y轴电机 Motor of Y axis	kW	/		1.2		/	
Z轴电机 Motor of Z axis	kW	0.75					
快移速度 Rapid feed rate	m/min	4					
切削进给速度 Cutting feed rate	m/min	0.5					
定位精度 Positioning accuracy	mm	0.06					
重复定位精度 Repeat ability	mm	0.04					
机床总功率 Power requirement	kW	1.8	3.6	1.8	3	4.2	1.8
机床外形尺寸 Overall Size	cm	825X2113	138X95X193	115X74X193	100×121×193	100×121×193	825X2113
机床净重 N.W	kg	170	600	280	300	350	170

CNC TAPPING MACHINE 数控攻丝机床



SK6532



主要特点

- 进给系统采用交换齿轮传动，方便更换满足不同螺距加工要求。
- 传动系统设有保护离合器，具有过载保护能力，避免丝锥断裂。进给机构设有消除弹簧，螺纹精度高，不易烂牙。机床为齿轮传动扭矩大、传动比稳定、多级主轴转速，加工螺纹孔径大。
- 窗口式参数化数控系统，系统内集成了常用孔加工工艺模块，数控系统具有操作简单方便、编程方便，同时也可采用G代码编程，满足不同用户要求。
- 数控十字工作台，定位精度高，移动速度快；适用于孔距要求较高和孔数较多的零件加工；例如分配器螺纹孔的加工。

Main Characteristics

- Feeding system is driven by exchange gears, which is convenient to replace to meet the processing requirement with different screw pitches.
- Driving system with protect clutch, has overload protection function to avoid the cracking of taps.
- The backlash spring is mounted in feeding system with high thread precision, and the teeth are corrosive-resistant.
- Gear driving with large transmission torque, stable in transmission performance, multiple steps of spindle speeds, and with large thread size.
- Window type parameterized CNC system gathers modules of processing of common threads. The CNC system is convenient to operate and program, meanwhile, G-code programming can also be adopted to meet the requirement from different user.
- CNC cross slide table with high positioning accuracy and fast moving speed, which can be applied in the processing of components with multi threads or these with high requirement in thread distance, such as distributor thread processing.



项目	型号	SK6532
移动 Moving	最大攻丝直径 Max. Tapping capacity	mm M32
	X轴行程 X-axis travel	mm 230
	Y轴行程 Y-axis travel	mm 180
	Z轴行程 Z-axis travel	mm 550
	主轴行程 Spindle-axis travel	mm 65
	主轴端面至工作台面距离 Distance between spindle end to table	mm 55-670
工作台 Table	主轴中心到立柱导轨面的距离 Distance between spindle center to column surface	mm 380
	工作台尺寸 Table size	mm 400×250
	T型槽(宽度×数量×间距) T slot(Width×Number×Space)	mm 14×3×80
主轴 Spindle	工作台承重 Allowable load	kg 50
	主轴电机 Motor of spindle	kW 1.5 (6P) / 2.2 (4P)
进给 Feed	主轴转速 Speed of spindle	r/min 80, 150, 280 (6P Motor) 或 120, 220, 420 (4P Motor)
	主轴锥度 Taper of spindle nose	/ MT3
	X、Y轴电机 Motor of X,Y axis	N·m 7
	Z轴电机 Motor of Z axis	N·m 7
精度 Accuracy	X、Y轴快移速度 Rapid feed rate of X,Y axis	mm/min 10
	自动进给螺距 Auto-feeding thread pitch	mm 1.25/1.5/1.75/2.0/2.5/3.0/3.5 19/18/16/14/13/12/11/10/9/8/7/PI
	定位精度 Positioning accuracy	mm x, y: 0.03
其它 Other	重复定位精度 Repeat ability	mm x, y: 0.02
	机床总功率 Power requirement	kW 6
	机床外形尺寸 Overall Size	m 1.35×1.98×2.3
机床净重 N.W	kg 1500	
防护形式 Type of cover	半防护 Semi-enclosed guard	

CNC SERIES TAPPING MACHINE 数控台式攻丝机

适用范围:

SK4016是我公司根据市场发展需要开发的一款数控攻丝机。主要用于汽车配件行业、泵阀、模具制造、煤气管道、厨具、电器元件等行业。

Range of application:

SK4016 CNC tapping machine design development with market demand. Suitable for spare parts of motor, pump, valve, made mould, gaspipe, cooking utensils, relay element.



SK4016



人机界面 HMI (HUMAN-MACHINE INTERFACE) 支架锁紧装置 WORKTABLE SUPPORT CLAMPING 升降手柄 UP/DOWN HANDLE

机床优点:

- 丝锥进给乃至加工整个生产过程，靠伺服电机转动丝锥进给，机器内部无专门的进给系统，无机械间隙，螺纹精度高，避免烂牙产生。
- 系统内可设定攻丝扭矩，具有过载保护能力，避免丝锥断裂。
- 机床主轴采用行星齿轮减速装置，结构紧凑、传动比稳定，传递扭矩大。
- 窗口式参数化数控系统，只需填写相关参数，即可完成不同螺距螺纹加工，具有操作编程简单方便等特点。
- 可视：实时显示实际工作，扭力设定扭力；实际已攻螺纹深度，设定深度；机器设定转速；已合格螺纹数量。
- 可控：机器转速可调、扭力可调、加工深度可设定、加工模式可选、退刀排屑方式可选、润滑方式节奏可选。

Characters:

- screw tap drive by servo motor, without special drive system inside machine, high precision thread, avoid bad thread.
- System can Setting tapping torque, with overload Protection function, avoid screw tap break.
- Spindle with decelerate safety device, structure compactly, Drive stabilize, deliver big torque.
- Window type parametric CNC system, only need to fill out relevant parameters to complete different pitch thread processing, which is simple to operate.
- be visible, displaying the actual work to set torque, the actual thread depth setting thread depth; the machine speed, the number of qualified tapped screw threads.
- Can control: Can change speed and torsion, can setting depth of the process, choose process model, can choose backward chip removal, choose Lubrication method.

型号 Model	SK4012	SK4016	SK4024	SK4042
最大攻丝直径 max.tapping capacity	mm M10(铸件), M12(铸件)	M16(铸件)	M24	M42
立柱直径 diameter of column	mm 70	70	85	100
主轴最大行程 spindle travel	mm 80	80	100	120
主轴端面至工作台面距离 Distance between spindle end to table	mm 350	350	580	880
主轴中心到立柱母线的距离 distance spindle axis to column generating line	mm 218	218	240	287.5
主轴锥度 spindle taper	B18	B18	B22	M14
主轴转速 spindle speed	r/min 0-600	0-370	0-187	0-95
底座台面尺寸 dimension of base surface	mm 274x274	274x274	315x370	470×540
机床净重 N.W.	kg 90	90	120	280
机床外形尺寸 overall size	mm 370x490x810	370x490x810	540×650×1150	590×690×1850

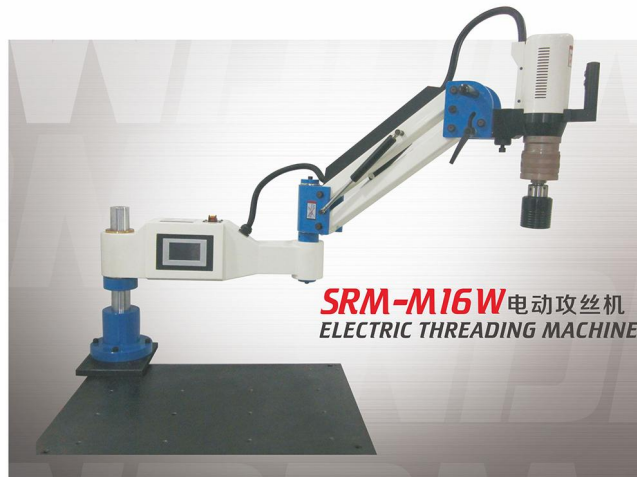
ELECTRIC
THREADING MACHINE
电动攻丝机



移动工作台-铸铁
Movable table-cast iron
SRA-M12 气动攻丝机 垂直向下
ELECTRIC PNEUMATIC MACHINE



SRA-M12W
气动攻丝机 任意方向
ELECTRIC PNEUMATIC MACHINE



SRM-M16W 电动攻丝机
ELECTRIC THREADING MACHINE



型号 Model		SRAM12	SRAM12W
攻丝范围 Max Tapping	mm	M3-M12	M3-M12
转速 Spindle Speeds	r/min	0-400	0-400
气压 Air pressure	kg	8-10	8-10
工作半径 Radius	mm	900	900
标准配件 Standard accessories	/	Tapping Chuck M3-M12(Optional)	Tapping Chuck M3-M12(Optional)
工作方向 Work direction	/	DOWN	Any
重量 Weight	kg	18	18

ELECTRIC
THREADING MACHINE
电动攻丝机

SRM-M24
电动攻丝机 垂直向下
ELECTRIC THREADING MACHINE



SRM-M24W
电动攻丝机 任意方向
ELECTRIC THREADING MACHINE



SRM-M42
电动攻丝机 垂直向下
ELECTRIC THREADING MACHINE

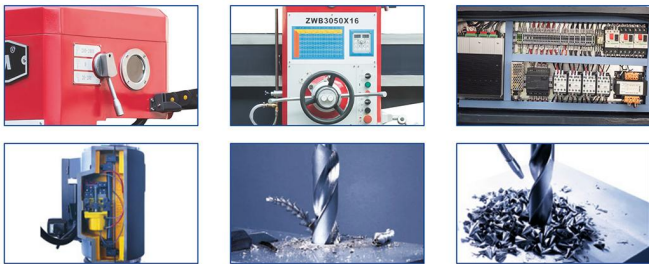
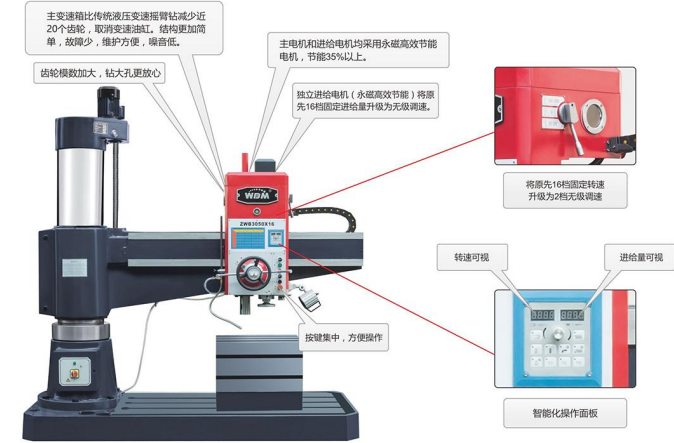
移动工作台-钢板
Movable table-steel plate

SRM-M42W
电动攻丝机 任意方向
ELECTRIC THREADING MACHINE

型号 Model		SRM-M16	SRM-M16W	SRM-M24	SRM-M24W	SRM-M42	SRM-M42W
攻丝范围 max Tapping	mm	M3-M16	M3-M16	M6-M24	M6-M24	M16-M42	M16-M42
转速 spindle speeds	r/min	0-300 (adjustable)	0-300 (adjustable)	0-200 (adjustable)	0-200 (adjustable)	0-200 (adjustable)	0-200 (adjustable)
功率 power	w	600	600	1000	1000	1200	1200
电源 voltage	v	220	220	220	220	220	220
工作半径 radius	mm	1000	1000	1200	1200	1300	1300
标准配件 standard accessories	/	Tapping Chuck M3-M16 (Optional)	Tapping Chuck M3-M16 (Optional)	Tapping Chuck M6-M24 (Optional)	Tapping Chuck M6-M24 (Optional)	Tapping Chuck M16-M42 (Optional)	Tapping Chuck M16-M42 (Optional)
工作方向 work direction	/	Down	Any	Down	Any	Down	Any
重量 weight	kg	25kg	25kg	50kg	50kg	110kg	110kg

ZWB3050×16 智能高效无级调速摇臂钻床

Intelligent High Efficiency Radial Drilling Machine
(With variable speed control)



型号 Model	ZWB3050×16	
最大钻孔直径 Max.drilling capacity	mm	50
最大攻丝直径 Max.tapping capacity	mm	M30
主轴中心至立柱母线距离 Distance spindle axis to column surface	mm	350-1600
主轴最大行程 Max.spindle travel	mm	手动315/自动115
主轴锥度 Spindle taper		MT5
立柱直径 Diameter of column	mm	350
主轴转速范围 Spindle speed	r/min	20-200, 空档, 200-2000
工作台尺寸 Dimension of worktable	mm	630×500×500
底座尺寸 Dimension of base	mm	2400×1000×200
主轴端部到底座台面最大距离 Max.distance spindle nose to base	mm	320-1220
主轴最大扭矩 Max.torque	N·m	400
主轴允许最大进给抗力 Permissible max.feed resisting force	N	16000
摇臂升降速度 Rocker arm lifting speed	m/min	1.2
主电机规格 Main motor power	kW	配4
摇臂升降电机规格 Rocker arm lifting motor power	kW	最大1.1
油泵电机规格 Oil pump motor power	w	最大750
冷却泵功率 Coolant pump motor power	w	125
进给电机规格 Feed motor power	w	¥90
进给速度 Feed speed rate	mm/min	13-127
净重/毛重 N.W./G.W.	kg	3500/3800
机床最大外形尺寸 Max.external dimension	mm	2677×1000×2650
包装外形尺寸 Packing dimension	mm	2600×1120×2600

RADIAL DRILLING MACHINE 摇臂钻

特点:

- 集机-电-液于一体, 功能强大, 用途广泛;
- 机床转速及进给均有广泛的变速范围, 可进行机动、手动、和微动操纵, 可随时轻便地接通或切断进给; 进给保险机构安全、可靠, 各部夹紧方便、可靠;
- 主轴在松开、夹紧时位移误差小, 变速操纵机构集中在主轴箱上, 便于操纵和变速, 液压力实现各部夹紧和主轴变速, 灵敏、可靠。
- 铸件用最佳的配料工艺和浇注设备, 保证机床基础件的优良质量;
- 主要铸件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴细零件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐用;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音。

Z3080X25



Characters:

- Gather mechanical-electrical-hydraulic functions, use extensively.
- With wide range of speed and feed, with manual, power and feed levers. The feed of machines are very easily engaged and disengaged at any time.
- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieved by hydraulic power, cmle is sensatina owet nelie.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of materia for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, nsuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

Z3063 X 20A



标准附件

- 箱形工作台
- 锥柄接套
- 卸刀扳手
- 下刀铁
- 地脚螺栓

Standard accessories

- Box shape worktable
- Taper sleeve
- Tool releasing Wrench
- Drift
- Eyelet bolts

特殊附件

- 快换夹头
- 攻丝夹头
- 机油枪

Special accessories

- Quick instead Chuck
- Tapping chuck
- Grease gun

型号 Model	Z3080 X 25	Z3063 X 20A	
最大钻孔直径 Max. Drilling capacity	mm	80	63
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	500-2500	450-2050
立柱直径 Diameter of column	mm	550	450
主轴锥孔 Spindle taper		MT6	MT5
主轴最大行程 Spindle travel	mm	手动450/自动145	手动400/自动145
主轴转速范围 Spindle speeds range	r/min	16-1250	20-1600
主轴转速级数 Spindle speeds series		16	16
主轴进给量范围 Range of Spindle feeds	mm/r	0.04-3.2	0.04-3.2
主轴进给量级数 Mpinde Spindle feeds		16	16
主轴端至底座工作面距离 Distance spindle nose to working surface of base	mm	550-2000	400-1600
工作台尺寸 Dimension of worktable	mm	1000X800X560	950 X 630 X 500
底座尺寸 Dimension of base	mm	3530X1400X300	2900 X 1250 X 250
机床外形尺寸 Overall Size	mm	3730X1400X3790	3110 X 1250 X 3150
主电动机规格 Power of Main motor	kW	7.5	5.5
毛重/净重 G.W./N.W.	kg	10450/10000	7145/6795
包装尺寸 Packing dimension	cm	387X162X223/373X154X153	348 X 147 X 221

RADIAL DRILLING MACHINE WITH DIGITAL READOUT SYSTEM 数显摇臂钻



标准附件

- 箱形工作台
- 锥柄接套
- 卸刀扳手
- 下刀铁
- 地脚螺栓

Standard accessories

- Box shape worktable
- Taper sleeve
- Tool releasing Wrench
- Drift
- Eyelet bolts

特殊附件

- 快换夹头
- 攻丝夹头
- 机油枪

Special accessories

- Quick instead Chuck
- Tapping chuck
- Grease gun

特点:

- 位置数显, 直观方便, 操作简单;
- 集机-电-液于一体, 功能强大, 用途广泛;
- 机床转速及进给均有广泛的变速范围, 可进行机动、手动、和微动操纵, 可随时轻便地接通或切断进给;
- 进给保险机构安全、可靠, 各部夹紧方便、可靠;
- 主轴在松开、夹紧时位移误差小, 变速操纵机构集中在主轴箱上, 便于操纵和变速, 液压力实现各部夹紧和主轴变速, 灵敏, 可靠;
- 铸件用最佳的配料工艺和浇注设备, 保证机床基础件的优材优质;
- 主关键件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴组零件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐磨;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音。

Characters:

- Advantageous digital readout, accurate orientation and convenient operation.
- Gather mechanical-electrical-hydraulic functions, use extensively.
- With wide range of speed and feed, with manual, power and fine feeds. The feed of machines are very easily engaged and disengaged at any time.
- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieved by hydraulic power, sensitive and reliable.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of material for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

型号 Model

	Z3040X16/2	Z3050X16/2	ZQ3050X20/2
最大钻孔直径 Max. Drilling capacity	mm 40	50	50
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 350-1600	350-1600	350-2000
立柱直径 Diameter of column	mm 350	350	350
主轴锥度 Spindle taper	MT4	MT5	MT5
主轴最大行程 Spindle travel	mm 手动315/自动115	手动315/自动115	手动315/自动115
主轴转速范围 Spindle speeds range	r/min 25-2000	25-2000	25-2000
主轴转速级数 Spindle speeds series	16	16	16
主轴进给量范围 Range of Spindle feeds	mm/r 0.04-3.2	0.04-3.2	0.04-3.2
主轴进给量级数 Mspindle Spindle feeds	16	16	16
主轴鼻端面至工作台台面距离 Distance spindle nose to working surface of base	mm 350-1250	320-1220	320-1220
工作台尺寸 Dimension of worktable	mm 630X500X500	630X500X500	630X500X500
底座尺寸 Dimension of base	mm 2400X1000X200	2400X1000X200	2400X1000X200
机床外形尺寸 Overall Size	mm 2500X1060X2650	2500X1060X2650	2900X1060X2650
主电动机功率 Power of Main motor	kW 4	4	4
毛重/净重 G.W./N.W	kg 3650/3400	3650/3400	3850/3550
包装尺寸 Packing dimension	cm 260X112X260	260X112X260	300X112X260

Z3040X16/2 Z3050X16/2 ZQ3050X20/2



特点:

- 位置数显, 直观方便, 操作简单;
- 集机-电-液于一体, 功能强大, 用途广泛;
- 机床转速及进给均有广泛的变速范围, 可进行机动、手动、和微动操纵, 可随时轻便地接通或切断进给;
- 进给保险机构安全、可靠, 各部夹紧方便、可靠;
- 主轴在松开、夹紧时位移误差小, 变速操纵机构集中在主轴箱上, 便于操纵和变速, 液压力实现各部夹紧和主轴变速, 灵敏, 可靠;
- 铸件用最佳的配料工艺和浇注设备, 保证机床基础件的优材优质;
- 主关键件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴组零件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐磨;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音。

Characters:

- Advantageous digital readout, accurate orientation and convenient operation.
- Gather mechanical-electrical-hydraulic functions, use extensively.
- With wide range of speed and feed, with manual, power and fine feeds. The feed of machines are very easily engaged and disengaged at any time.
- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieved by hydraulic power, sensitive and reliable.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of material for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

型号 Model	Z3040X16/2	Z3050X16/2	ZQ3050X20/2
最大钻孔直径 Max. Drilling capacity	mm 40	50	50
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 350-1600	350-1600	350-2000
立柱直径 Diameter of column	mm 350	350	350
主轴锥度 Spindle taper	MT4	MT5	MT5
主轴最大行程 Spindle travel	mm 手动315/自动115	手动315/自动115	手动315/自动115
主轴转速范围 Spindle speeds range	r/min 25-2000	25-2000	25-2000
主轴转速级数 Spindle speeds series	16	16	16
主轴进给量范围 Range of Spindle feeds	mm/r 0.04-3.2	0.04-3.2	0.04-3.2
主轴进给量级数 Mspindle Spindle feeds	16	16	16
主轴鼻端面至工作台台面距离 Distance spindle nose to working surface of base	mm 350-1250	320-1220	320-1220
工作台尺寸 Dimension of worktable	mm 630X500X500	630X500X500	630X500X500
底座尺寸 Dimension of base	mm 2400X1000X200	2400X1000X200	2400X1000X200
机床外形尺寸 Overall Size	mm 2500X1060X2650	2500X1060X2650	2900X1060X2650
主电动机功率 Power of Main motor	kW 4	4	4
毛重/净重 G.W./N.W	kg 3650/3400	3650/3400	3850/3550
包装尺寸 Packing dimension	cm 260X112X260	260X112X260	300X112X260

RADIAL DRILLING MACHINE 摇臂钻



标准附件

- 箱形工作台
- 锥柄接套
- 卸刀扳手
- 下刀铁
- 地脚螺栓

Standard accessories

- Box shape worktable
- Taper sleeve
- Tool releasing Wrench
- Drift
- Eyelet bolts

特殊附件

- 快换夹头
- 攻丝夹头
- 机油枪

Special accessories

- Quick instead Chuck
- Tapping chuck
- Grease gun

特点:

- 机床转速及进给均有广泛的变速范围, 可进行机动、手动、和微动操纵, 可随时轻便地接通或切断进给;
- 进给保险机构安全、可靠, 各部夹紧方便、可靠;
- 主轴在松开、夹紧时位移误差小, 变速操纵机构集中在主轴箱上, 便于操纵和变速, 液压力实现各部夹紧和主轴变速, 灵敏, 可靠;
- 铸件用最佳的配料工艺和浇注设备, 保证机床基础件的优材优质;
- 主关键件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴组零件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐磨;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音。

Characters:

- With wide range of speed and feed, with manual, power and fine feeds. The feed of machines are very easily engaged and disengaged at any time.
- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieved by hydraulic power, sensitive and reliable.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of material for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

型号 Model

	Z3040X16/1	Z3050X16/1	ZQ3050X20/1
最大钻孔直径 Max. Drilling capacity	mm 40	50	50
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 350-1600	350-1600	350-2000
立柱直径 Diameter of column	mm 350	350	350
主轴锥度 Spindle taper	MT4	MT5	MT5
主轴最大行程 Spindle travel	mm 手动315/自动115	手动315/自动115	手动315/自动115
主轴转速范围 Spindle speeds range	r/min 25-2000	25-2000	25-2000
主轴转速级数 Spindle speeds series	16	16	16
主轴进给量范围 Range of Spindle feeds	mm/r 0.04-3.2	0.04-3.2	0.04-3.2
主轴进给量级数 Mspindle Spindle feeds	16	16	16
主轴鼻端面至工作台台面距离 Distance spindle nose to working surface of base	mm 350-1250	320-1220	320-1220
工作台尺寸 Dimension of worktable	mm 630X500X500	630X500X500	630X500X500
底座尺寸 Dimension of base	mm 2400X1000X200	2400X1000X200	2400X1000X200
机床外形尺寸 Overall Size	mm 2500X1060X2650	2500X1060X2650	2900X1060X2650
主电动机功率 Power of Main motor	kW 4	4	4
毛重/净重 G.W./N.W	kg 3650/3400	3650/3400	3850/3550
包装尺寸 Packing dimension	cm 260X112X260	260X112X260	300X112X260

Z3040X16/1 Z3050X16/1 ZQ3050X20/1



特点:

- 机床转速及进给均有广泛的变速范围, 可进行机动、手动、和微动操纵, 可随时轻便地接通或切断进给;
- 进给保险机构安全、可靠, 各部夹紧方便、可靠;
- 主轴在松开、夹紧时位移误差小, 变速操纵机构集中在主轴箱上, 便于操纵和变速, 液压力实现各部夹紧和主轴变速, 灵敏, 可靠;
- 铸件用最佳的配料工艺和浇注设备, 保证机床基础件的优材优质;
- 主关键件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴组零件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐磨;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音。

Characters:

- With wide range of speed and feed, with manual, power and fine feeds. The feed of machines are very easily engaged and disengaged at any time.
- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieved by hydraulic power, sensitive and reliable.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of material for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

型号 Model	Z3040X16/1	Z3050X16/1	ZQ3050X20/1
最大钻孔直径 Max. Drilling capacity	mm 40	50	50
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 350-1600	350-1600	350-2000
立柱直径 Diameter of column	mm 350	350	350
主轴锥度 Spindle taper	MT4	MT5	MT5
主轴最大行程 Spindle travel	mm 手动315/自动115	手动315/自动115	手动315/自动115
主轴转速范围 Spindle speeds range	r/min 25-2000	25-2000	25-2000
主轴转速级数 Spindle speeds series	16	16	16
主轴进给量范围 Range of Spindle feeds	mm/r 0.04-3.2	0.04-3.2	0.04-3.2
主轴进给量级数 Mspindle Spindle feeds	16	16	16
主轴鼻端面至工作台台面距离 Distance spindle nose to working surface of base	mm 350-1250	320-1220	320-1220
工作台尺寸 Dimension of worktable	mm 630X500X500	630X500X500	630X500X500
底座尺寸 Dimension of base	mm 2400X1000X200	2400X1000X200	2400X1000X200
机床外形尺寸 Overall Size	mm 2500X1060X2650	2500X1060X2650	2900X1060X2650
主电动机功率 Power of Main motor	kW 4	4	4
毛重/净重 G.W./N.W	kg 3650/3400	3650/3400	3850/3550
包装尺寸 Packing dimension	cm 260X112X260	260X112X260	300X112X260

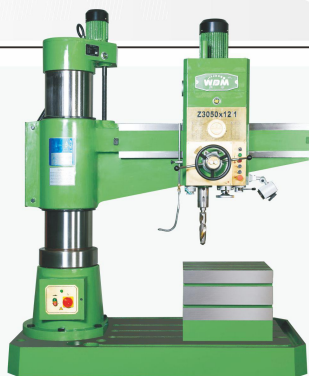
RADIAL DRILLING MACHINE 摇臂钻

标准附件

- 箱形工作台
- 锥形接套
- 卸刀扳手
- 下刀铁
- 地脚螺栓

Standard accessories

- Box shape worktable
- Taper sleeve
- Tool releasing Wrench
- Drift
- Eyelet bolts



Z3050X12/1



Z3040X13/1

特殊附件

- 快换夹头
- 攻丝夹头
- 机油枪

Special accessories

- Quick instead Chuck
- Tapping chuck
- Grease gun

特点:

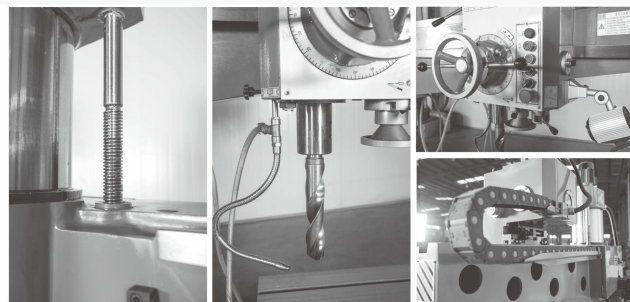
- 机床转速及进给均有广泛的变速范围, 可进行机动、手动、和微动操纵, 可随时轻便地接通或切断进给; 进给保险机构安全、可靠, 各部夹取方便、可靠;
- 主轴在松开、夹紧时位移误差小, 变速操纵机构集中在主轴箱上, 便于操纵和变速;
- 液压力实现各部夹紧和主轴变速, 灵敏、可靠;
- 铸件用最佳的配工艺和浇注设备, 保证机床基础件的优材优质;
- 主要零件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴组件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐磨;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音。

Characters:

- With wide range of speed and feed, with manual, power and fine feeds. The feed of machines are very easily engaged and disengaged at any time.
- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieved by hydraulic power, cmle is sensintia owet nellie.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of materia for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.



Z3032X10/1 Z3040X10/1



启智未来 创造钻销技术新典范

型号 Model	Z3050X12/1	Z3032X10/1 Z3040X10/1	Z3040X13/1
最大钻孔直径 Max. Drilling capacity	mm 50	32/40	40
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 350-1250	300-1000	300-1300
立柱直径 Diameter of column	mm 350	240	300
主轴锥度 Spindle taper	MT5	MT4	MT4
主轴最大行程 Spindle travel	mm 手动315/自动115	280	280
主轴转速范围 Spindle speeds range	r/min 25-2000	32-2500	32-2500
主轴转速级数 Spindle speeds series	16	16	16
主轴进给量范围 Range of Spindle feeds	mm/r 0.04-3.2	0.10-1.25	0.10-1.25
主轴进给量级数 Mpindle Spindle feeds	16	8	8
主轴端至底座工作面距离 Distance spindle nose to working surface of base	mm 350-1220	220-1000	300-1320
工作台尺寸 Dimension of worktable	mm 630X500X500	600 X 450 X 450	600 X 450 X 450
底座尺寸 Dimension of base	mm 2050X1000X200	1710 X 800 X 160	2050 X 900 X 200
机床外形尺寸 Overall Size	mm 2150X1060X2650	1760 X 800 X 2050	2100 X 900 X 2300
主电动机功率 Power of Main motor	kW 4	2.2	3
毛重/净重 G.W/N.W	kg 3250/3000	1920/1830	2500/2100
包装尺寸 Packing dimension	cm 240X112X252	187 X 97 X 220	235 X 106 X 245

RADIAL DRILLING MACHINE 摇臂钻



Z3032X8/1 Z3040X8/1
ZQ3040X10/1

特点:

- 逆给保险机构安全、可靠, 各部夹紧方便、可靠;
- 变速操纵机构集中在主轴箱上, 便于操纵和变速;
- 铸件用最佳的配料工艺和浇注设备, 保证机床基础件的优良质量;
- 主关键件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 主轴组零件采用特殊优质钢材, 使用世界一流热处理设备, 保证机床强度高, 经久耐用;
- 主要齿轮采用磨削加工, 保证机床高精度、低噪音;
- 体积小, 占地面积小, 功能齐全, 可广泛用于钻、扩、铰孔及攻丝操作。

Characters:

- With safe and reliable feed safety machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of materia for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.
- The machine with small appearance and much function, the machine widely used for drilling, counterboring, tapping, etc.



Z3032X10/Z3040X10
摇臂钻 RADIAL DRILLING MACHINE

标准附件

- 箱形工作台
- 锥形套筒
- 卸刀扳手
- 下刀铁
- 地脚螺栓

Standard accessories

- Box shape worktable
- Taper sleeve
- Tool releasing Wrench
- Drift
- Eyelet bolts

特殊附件

- 快换夹头
- 攻丝夹头
- 机油枪

Special accessories

- Quick instead Chuck
- Tapping chuck
- Grease gun

特点:

- 设计精巧, 外型美观、维修方便。
- 主轴箱、摇臂、内外柱采用手动机械夹紧机构。
- 转速和进给量范围宽, 机床操作集中, 灵巧可靠, 有足够的刚性和较大的功率。
- 可用来钻孔、扩孔、铰平面、铰孔、攻螺纹, 有工艺装备时, 还可用来镗孔。
- 广泛用于机械加工各部门。
- 机床变速箱结构简, 维修方便。

Characters:

- The Radial Drilling Machine. It's construction designed elaborately, with perfect appearance and convenient maintenance.
- The head stock radial arm and columns are clamped by manual clamping mechanisms.
- It has feature of wide speed and feed range, compact operation key, reliable and enough rigidity.
- The machine has a ample rigidity and power in drilling, counter boring, spot facing reaming, tapping, even boring when equipped with a special device. It is widely used in every department of machining medium and small sizes workpieces.



型号 Model	Z3032X10	Z3040X10	ZQ3040X10/1	Z3032 X 10	Z3040 X 10
最大钻孔直径 Max Drilling capacity	mm	32/40	40	32	40
主抽中心至立柱母钱距离 Distance spindle axis to column generating line	mm	320-820	320-1020	200-1000	200-1000
立柱直径 Diameter of column	mm	200	200	240	240
主轴锥度 Spindle taper		MT4	MT4	MT4	MT4
主轴最大行程 Spindle travel	mm	240	240	250	250
主轴转速范围 Spindle speeds range	r/min	75-1220	75-1220	71-1800	71-1800
主轴转速级数 Spindle speeds series		6	6	8	8
主轴进给量范围 Range of Spindle feeds	mm/r	0.1-0.25	0.1-0.25	0.13-0.54	0.13-0.54
主轴进给量级数 Spindle feeds		3	3	4	4
主抽端至底座工作台面距离 Distance spindle nose to working surface of base	mm	120-860	120-860	264-1064	264-1064
工作台面尺寸 Dimension of worktable	mm	400 X 400 X 350	400 X 400 X 350	400 X 450 X 400	400 X 450 X 400
底座尺寸 Dimension of base	mm	1370 X 700 X 160	1370 X 700 X 160	1500 X 740 X 160	1500 X 740 X 160
机床外形尺寸 Overall Size	mm	1407 X 720 X 1885	1600 X 720 X 1885	1730 X 750 X 2360	1730 X 750 X 2360
主电动机功率 Power of Main motor	KW	1.5	1.5	2.2	2.2
毛重/净重 G.W./N.W	kg	1230/1140	1250/1160	1600/1530	1600/1530
包装尺寸 Packing dimension	cm	155X 77 X 210	175X 77 X 210	187 X 97 X 220	187 X 97 X 220



Z3032X7

标准附件

- 钻夹头 $\phi 16mm$
- 锥形套筒
- 卸刀扳手
- 下刀铁
- 箱形工作台

Standard accessories

- Drill chuck $\phi 16mm$
- Taper sleeve
- Arbor
- Drift
- Box shape worktable

Z3032X7P

特殊附件

- 机架
- 角度平口钳
- 眼护罩

Special accessories

- Stand
- Angle vice
- Safety guard

特点:

- 机床转速有广泛的变速范围, 可进行机动、手动进给, 可随时轻便地接通或切断进给;
- 摇臂可绕立柱回转, 也可倾斜 $\pm 45^\circ$;
- 主关键件采用进口加工中心加工, 精度高、效率高, 保证了机床的质量稳定可靠;
- 体积小, 占地面积小, 功能齐全, 可广泛用于钻、扩、铰孔及攻丝操作。

Characters:

- With wide range of speed, with manual, power feeds. The feed of machines are very easily engaged and disengaged at any time.
- The radial arm can rotated and can tilted $\pm 45^\circ$, it reliable and easy job can be done.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- The machine with small appearance and much function, the machine are widely used for drilling, counterboring, reaming, tapping etc.

"P" 带冷却系统 "P" With coolant systems

型号 Model	Z3032 X 7/Z3032 X 7P	
最大钻孔直径 Max Drilling capacity	mm	31.5
最大攻丝直径 Max Tapping capacity	mm	铸铁(Cast Iron)20 钢(Steel)16
主抽中心至立柱母钱距离 Distance spindle axis to column generating line	mm	300-700
立柱直径 Diameter of column	mm	150
主轴锥孔 Spindle taper		MT3
主轴最大行程 Spindle travel	mm	130
主轴转速范围 Spindle speeds range	r/min	100-1600
主轴转速级数 Spindle speeds series		8
主轴进给量 Spindle feeds	mm/r	0.08, 0.14, 0.23
摇臂水平面内回转角度 Rotary angle of rocker in horizontal plane	°	360
主抽端至底座工作台面距离 Distance spindle nose to working surface of base	mm	275-680
工作台面尺寸 Dimension of worktable	mm	250 X 250 X 250
底座尺寸 Dimension of base	mm	1050 X 550 X 120/1200 X 625 X 155
机床外形尺寸 Overall Size	mm	1235 X 550 X 1195/1235 X 625 X 1230
电动机 Power of main motor	W	750 or 1100
毛重/净重 G.W./N.W	kg	415/385, 540/500
包装尺寸 Packing dimension	cm	122 X 62 X 128/127 X 69 X 137

ZWB5050/40/30 智能高效立式钻床
Intelligent High Efficiency Vertical Drilling Machine



型号 Model	ZWB5050	ZWB5040	ZWB5030	
最大钻孔直径 Max drilling capacity	mm	50	40	30
最大进给行程 Max tapping capacity	mm	M30	M27	M20
主轴最大行程 Max spindle travel	mm	240	180	135
主轴锥度 Spindle taper		MTS	MT4	MT3
立柱直径 Diameter of column	mm	180	160	120
主轴转速范围 Spindle speed	r/min	50-200, 空挡, 200-2000	50-250, 空挡, 250-2500	50-300, 空挡, 300-2500
工作台沿水平方向立柱旋转角度 Rotate angle of worktable along column		$\pm 180^\circ$	$\pm 180^\circ$	$\pm 180^\circ$
工作台及托臂行程 Worktable travel	mm	550	550	480
主抽中心至立柱表面距离 Distance spindle axis to column surface	mm	360	360	320
工作台面有效工作尺寸 Availability working area of worktable	mm	470-390	470-390	420-360
底座台面有效工作尺寸 Availability working area of base	mm	450-460	450-460	400-390
工作台T型槽尺寸 T-slot size of worktable		2-14	2-14	2-14
底座T型槽尺寸 T-slot size of base		2-18	2-18	2-18
主抽端部到工作台面最大距离 Max distance spindle nose to table	mm	540	570	540
主抽端部到底座台面最大距离 Max distance spindle nose to base	mm	1130	1160	1110
主轴最大扭矩 Max torque	N.m	350	200	95
主电动机功率 Main motor power	KW	最大4KW	最大3KW	最大2.2KW
进给电机功率 Feed motor power	W	1900W	1900W	1900W
进给速度 Feed speed rate	mm/min	20-204	18-183	21-213
冷却泵电机 Coolant pump motor	W	40W	40W	40W
电磁离合器功率 Electromagnetic clutch power	W	32W	24W	21W
净重/毛重 N.W./G.W.	kg	845/905	690/745	510/560
机床最大外形尺寸 Max external dimension	mm	1055*665*2150	1045*665*2095	960*500*1950
包装外形尺寸 Packing dimension	mm	1170*680*2390	1170*680*2330	1100*620*2260

PILLAR TYPE VERTICAL DRILLING MACHINE 圆柱立式钻床

标准附件 Standard accessories

- 钻夹头
- 锥柄接杆
- 锥柄接套
- 下刀铁
- 地脚螺栓
- 扳手

Standard accessories

- Drill chuck
- Arbor
- Taper sleeve
- Drift
- Eyelet bolts
- Wrench

特殊附件 Special accessories

- 多轴器
- 角度平口钳
- 眼护罩

Special accessories

- Multi-spindles
- Angle vice
- Safety guard



Z5050

机床特点和适用范围

- 设计新颖，外形美观，结构紧凑，变速范围广；
- 独特的工作台，电动和手动升降机构，操作方便；
- 工作台可以回转 $\pm 180^\circ$ 也可以倾斜 $\pm 45^\circ$ ，使用范围广；
- 设有冷却装置和攻丝装置；
- 电气系统贯彻IEC电气标准，具有短路和过载保护功能，主电机功率大；
- 独特的防护装置，安全可靠；
- 适用于钻孔，扩孔，铰孔，攻螺纹，刮平面等加工。是单件、批量生产理想机床。

Feature and Application

- New-designed, pleasing appearance, compact construction, wide speed change range, easy to operate.
- Easy operation with its unique worktable, and both motor-drive and manual-operated lifting device.
- The working table can be rotated 180° and can be tilted $\pm 45^\circ$ also, it is reliable and easy job can be done.
- Equipped with coolant system and tapping mechanism.
- Equipped with shortcut and overload protection, its electric system with powerful spindle motor, it designed according to IEC standard.
- Characteristic protection device is safe and reliable.
- Ideal choice for single piece, small batch and mass production for drilling, counter boring, reaming, tapping, spot facing, etc.



Z5040

型号 Model	Z5050	Z5040
最大钻孔直径 Max. Drilling capacity	mm 50	mm 40
最大攻丝直径 Max. Tapping capacity	mm M30	mm M27
立柱直径 Diameter of column	mm 180	mm 160
主轴最大行程 Spindle travel	mm 240	mm 180
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 360	mm 360
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 570	mm 590
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm 1160	mm 1180
主轴锥度 Spindle taper	MT4orMT5	MT4
主轴转速范围 Spindle speeds range	r/min 42-2050	42-2050
主轴转速级数 Spindle speeds series	12	12
主轴进给量 Spindle feeds	mm/r 0.07 0.15 0.26 0.40	0.07 0.15 0.26 0.40
工作台面尺寸 Dimension of worktable surface	mm 550 X 470	mm 550 X 470
工作台行程 Table travel	mm 550	mm 550
底座工作台面尺寸 Dimension of base table	mm 450 X 440	mm 450 X 440
总高 Overall height	mm 2380	mm 2330
主电动机 Main motor	kW 2.2/2.8	kW 2.2/2.8
冷却泵电机 Coolant motor	W 40	W 40
毛重/净重 G.W./N.W	kg 1045/985	kg 815/755
包装尺寸 Packing dimension	cm 108 X 62 X 245	cm 108 X 62 X 245

PILLAR TYPE VERTICAL DRILLING MACHINE 圆柱立式钻床

标准附件

- 钻夹头
- 锥柄接杆
- 锥柄接套
- 下刀铁
- 地脚螺栓
- 扳手

Standard accessories

- Drill chuck
- Arbor
- Taper sleeve
- Drift
- Eyelet bolts
- Wrench

特殊附件

- 多轴器
- 角度平口钳
- 眼护罩

Special accessories

- Multi-spindles
- Angle vice
- Safety guard



Z5035/Z5030

机床特点和适用范围

- 设计新颖，外形美观，结构紧凑，变速范围广。
- 独特的工作台，电动(Z5035)和手动升降机构，操作方便。
- 工作台可以回转 $\pm 180^\circ$ 也可以倾斜 $\pm 45^\circ$ ，使用范围广。
- 设有冷却装置和攻丝装置。
- 电气系统贯彻IEC电气标准，具有短路和过载保护功能，主电机功率大。
- 独特的防护装置，安全可靠。
- 适用于钻孔，扩孔，铰孔，攻螺纹，刮平面等加工。是单件、批量生产理想机床。

Feature and Application

- New-designed, pleasing appearance, compact construction, wide speed change range, easy to operate.
- Easy operation with its unique worktable, and both motor-drive (Z5035) and manual operated lifting device.
- The working table can be rotated 180° and can be tilted $\pm 45^\circ$ also, it is reliable and easy job can be done.
- Equipped with coolant system and tapping mechanism.
- Equipped with shortcut and overload protection, its electric system with powerful spindle motor, it designed according to IEC standard.
- Characteristic protection device is safe and reliable.
- Ideal choice for single piece, small batch and mass production for drilling, counter boring, reaming, tapping, spot facing, etc.



型号 Model	Z5035	Z5030
最大钻孔直径 Max. Drilling capacity	mm 35	mm 30
最大攻丝直径 Max. Tapping capacity	mm M24	mm M20
立柱直径 Diameter of column	mm 140	mm 120
主轴最大行程 Spindle travel	mm 160	mm 135
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 330	mm 320
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 590	mm 550
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm 1180	mm 1100
主轴锥度 Spindle taper	MT4	MT3
主轴转速范围 Spindle speeds range	r/min 75-2500	65-2600
主轴转速级数 Spindle speeds series	12	12
主轴进给量 Spindle feeds	mm/r 0.1 0.2 0.3	0.1 0.2 0.3
工作台面尺寸 Dimension of worktable surface	mm 500 X 440	mm 500 X 440
工作台行程 Table travel	mm 550	mm 490
底座工作台面尺寸 Dimension of base table	mm 400 X 390	mm 400 X 390
总高 Overall height	mm 2300	mm 2050
主电动机 Main motor	kW 1.5/2.2	kW 0.85/1.1
冷却泵电机 Coolant motor	W 40	W 40
毛重/净重 G.W./N.W	kg 595/545	kg 495/450
包装尺寸 Packing dimension	cm 108 X 62 X 220	cm 108 X 62 X 215

PILLAR TYPE VERTICAL DRILLING MACHINE 圆柱立式钻床

标准附件

- 钻夹头
- 锥柄接杆
- 锥柄接套
- 下刀块
- 扳手

Standard accessories

- Drill chuck
- Arbor
- Taper sleeve
- Drift
- Wrench

特殊附件

- 角度平口钳
- 眼护罩

Special accessories

- Angle vice
- Safety guard



Z5025B(台式BENCH)/Z5025

特点:

- 齿轮变速, 操作方便;
- 主轴转速高, 变速范围大;
- 独特的退刀装置, 换刀方便;
- 设有冷却装置和工作灯;
- 适用于钻孔, 扩孔, 铰孔, 攻螺纹, 刮平面等加工;
- 单件、批量生产理想机床。

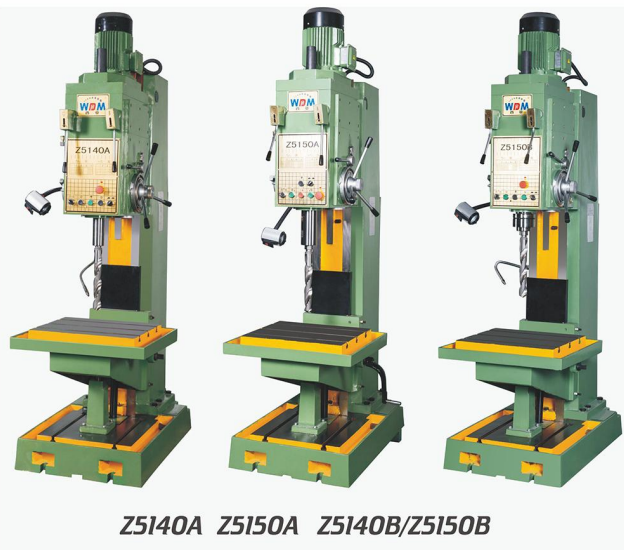
Characters:

- Change speed with gears and operate easily.
- High spindle speed and wide speed range.
- Characteristic auto tool releasing device guarantees it is very easy to change tool.
- Equipped with coolant system and work lamp.
- Ideal choice for single piece, small batch and mass.
- Production for drilling, counterboring, reaming, tapping, spot facing, etc.



型号 Model	Z5025B	Z5025
最大钻孔直径 Max. Drilling capacity	mm 25	25
立柱直径 Diameter of column	mm 100	100
主轴最大行程 Spindle travel	mm 150	150
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 225	225
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm /	630
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm 550	1670
主轴锥度 Spindle taper	MT3	MT3
主轴转速范围 Spindle speeds range	r/min 100-2900	100-2900
主轴转速级数 Spindle speeds series	8	8
工作台面尺寸 Dimension of worktable surface	mm /	440
工作台行程 Table travel	mm 560	560
底座尺寸 Dimension of base	mm 690 X 500	690 X 500
总高 Overall height	mm 1390	1900
主电动机 Main motor	kW 1.1/0.75	1.1/0.75
冷却泵电机 Coolant motor	W 40	40
毛重/净重 G.W./N.W	kg 235/225	300/290
包装尺寸 Packing dimension	cm 78 X 52 X 117	70 X 56 X 182

BOX-TYPE VERTICAL DRILLING MACHINE SERIES 方柱立式钻床



Z5140A Z5150A Z5140B/Z5150B

特点:

- 方柱立式钻床, 是万能性通用机床。本机床可用于钻孔、铰孔、镗端面、钻沉头孔、铰孔、攻丝等作业。主轴攻丝自动反转以及微动进给, 用于盲孔和定深孔极为方便。本机床效率高、刚性好、精度高、噪音低、变速范围广、操作集中、外形新颖, 使用维修方便。

Characters:

- Square-column vertical drilling machine is a universal general-purpose machine. Its used for counter-sinking, spot-facing drilling, tapping, boring, reaming, etc. The machine has catch the function of tap—automatically reversing device which is suitable for tapping of blind and determined holes. The machine has high efficiency, high accuracy, low noise, wide range of variable speed, centralized controls good looking appearance, easy maintenance and operation.



Z5163B/Z5180B

型号 Model	Z5140A/Z5150A	Z5140B/Z5150B	Z5163B	Z5180B
最大钻孔直径 Max. Drilling capacity	mm 40/50	40/50	63	80
最大进给力 Max. feed resistance	N 16000		30000	30000
主轴允许的最大扭转力矩 Max. Permissible spindle torque	N·m 350		800	800
主电机功率 power of main motor	kW 3/4	3/4	5.5	7.5
间距 Throat distance	mm 335		375	375
主轴锥度 Spindle taper	MT4/MT5	MT4/MT5	MT5	MT6
主轴行程 Spindle travel	mm 250		250	250
主轴行程(手动) Spindle box travel(manual)	mm 200		250	250
主轴转速范围(级) Spindle speeds range(steps)	r/min 31.5-1400(12)		40-570(9)	40-570(9)
进给量(级) Feed rates(steps)	mm/rev 0.056-1.80(9)		0.1-0.78(6)	0.1-0.78(6)
工作台面最大行程 Max. Travel of table	mm 300		300	300
工作台面面积 Working Surface of Worktable	mm 560X480		650X550	650X550
主轴端至工作台面最大距离 Max. distance from spindle nose to worktable surface	mm 780/740	830		800
机床外形尺寸(长X宽X高) Overall dimensions(LxWxH)	mm 1090X805X2535		965X1452X2787	965X1452X2787
机床净重/毛重 Net weight of machine/Gross Weight	kg 1250/1190		1850/1935	1850/1935
包装尺寸(长X宽X高) Packing dimension(LxWxH)	cm 122X80X248 or 122X80X224		150X92X280 or 275X101X179	

ADJUSTABLE MULTI SPINDLE VERTICAL DRILLING MACHINE

可调多轴立式钻床



可选主轴 Optional Spindle



加工件实例 Processing work Pieces



加工件实例(机动车半轴专用)

Processing work Pieces (For Driver shaft)



型号 Model	ZB5220-8	ZB5217-10	ZB5214-12	ZB5212-14	ZB5211-16
主轴数 Spindles	8	10	12	14	16
主轴锥孔 Spindle Taper	莫氏	莫氏	莫氏	莫氏	莫氏
最大钻孔直径 Max. Drilling capacity	铸铁(Cast Iron)φ23 钢(Steel)φ20	铸铁(Cast Iron)φ20 钢(Steel)φ17	铸铁(Cast Iron)φ17 钢(Steel)φ14	铸铁(Cast Iron)φ15 钢(Steel)φ12	铸铁(Cast Iron)φ14 钢(Steel)φ11
最大加工范围 Max. Machining range	φ350				
主轴端到工作台面距离 Distance spindle nose to table	220-460	220-460	220-460	220-460	220-460
工作台面 Dimension of worktable surface	650×550	650×550	650×550	650×550	650×550
中心轴至导轨距离 Distance spindle axis to column generating line	375	375	375	375	375
主轴转速 Spindle speeds range	r/min 270-550	300-800	400-800	450-1000	450-1000
工作台进给行程 Table travel	180	180	180	180	180
进给运动 Feed motion	液压驱动、无极调速 Hydraulic drive, stepless speed regulation				
工作台面最大进给力 Max. Table feed force	2500	2500	2500	2500	2500
主轴间最小距离 Min. Distance between spindle	41/36	41/36	41/36	41/36	41/36
主电动机功率 Main motor	kW 7.5	7.5	7.5	7.5	7.5
液压驱动电机 Coolant pump motor	kW 1.5	1.5	1.5	1.5	1.5
净重/毛重 N.W/G.W	kg 2400/2600	2400/2600	2400/2600	2400/2600	2400/2600
包装尺寸(L×W×H) Packing Dimension	203×97×262				

以上技术参数仅供参考，特殊订货按供需双方协议制作。

COMPOUND MACHINE WITH DRILLING AND TAPPING HEAD

液压滑台式动力头自动钻攻两用机床



- 特点:
- 可根据用户要求进行钻-攻、钻-铰、钻-铣等功能组合;
 - 钻孔、攻丝均可实现自动进给;
 - 工作台自动定位、高效、精准;
 - 减少换刀时间,提高工效。
- Characters:
- Combined function with drilling-reaming, drilling-milling according to customers requirement.
 - Both drilling and tapping have automatic feeding.
 - Worktable automatic orientation, effective and precise.
 - Save time for tool replacement, improve the working efficiency.

ZH30



型号 Model	型号	ZH30
最大攻丝直径 Max. Tapping capacity	mm	M20
最大钻孔直径 Max. Drilling capacity	mm	30
主轴最大行程 Spindle travel	mm	80/140
主轴中心至立柱导轨距离 Distance spindle axis to column generating line	mm	350
两立柱中心距 Distance column	mm	450
主轴端至工作台面最大距离 Distance spindle nose to worktable	mm	450
主轴锥度 Spindle taper		MT3/MT4
主轴转速范围 Spindle speeds range	r/min	0-1420
主轴转速级数 Spindle speeds series		Variable 无极
工作台面尺寸 Dimension of worktable surface	mm	400×300
底座工作台面尺寸 Dimension of base worktable	mm	930×400
工作台行程 Table travel	mm	450
总高 Overall height	mm	2310
主电动机 Main Motor	kW	2.2/4
毛重/净重 G.W/N.W	kg	2300/1800
包装尺寸 Packing dimension	cm	215×136×263

DOUBLE-SPINDLE COMPOUND MACHINE 双头多用机床



ZXSM-45

ZXSM-45A

专利号 (Patent number): ZL 03 2 31642.9 ZL 03 2 31641.0

标准附件

- 钻夹头
- 锥形接杆
- 锥形接套
- 下刀铁
- 拉杆
- 扳手

Standard accessories

- Drill chuck
- Arbor
- Taper sleeve
- Drift
- Drawbar
- Wrench



双头多用机床特点:

- 钻孔后无需更换刀具即可进行攻丝, 大大提高了工作效率;
- 可同时钻或攻多个孔, 不但提高了工作效率, 且不同孔距均能以保证;
- 不同的孔距只需调整多轴器轴间的距离即可实现, 无需制作大量的工装, 大大提高了工作效率, 降低了生产成本;
- 可配合气动夹具, 夹紧可靠, 工作效率高, 省时省力;
- 工作台纵向行程为气压自动进给, 省时省力, 大大提高了工作效率;
- 可进行多孔系, 不同孔距、孔径、孔数的钻、扩、铰、攻丝等加工;
- 孔距调整范围大, 轴头调整方便、灵活, 多轴器轴头数可根据用户需要配置;
- 钻孔后无需重新装夹工件即可进行攻丝, 只需扳动工作行程开关, 即可将工件移向攻丝主轴位置进行攻丝。
- 本机床可按用户要求配带多轴器进行多孔同时加工, 也可不带多轴器进行单一孔的钻、扩、铰、攻等。

Double-spindle compound machine characters:

- Then machine can tapping directly after drilling without change tools, increase the efficiency.
- The machine can drill or tap several holes at one time, not only increase the efficiency, but also ensure different holes distance.
- To obtain different holes distance only need to adjust the distance between the spindles of multi-spindles, no needs to use many jig, and reduce the produce cost.
- The machine can work in with air jig, fasten it, and the efficiency is very high, not only save time but also energy.
- The lengthways travel of the table is air pressure auto feeding, save time but also energy and also improve the efficiency.
- It can process multi-holes, it can drill, ream, enlarge and tap the holes of different holes distance diameter and number.
- The scope of the holes distance is very wide to adjusting the spindle of multispindles is very easy, the No. of spindle can be changed according to the customer's needs.
- It's no needs to reinstall the work-piece to tapping after drilling you just have to pull table travel, then the work-piece moving to the position of the tapping spindle to tapping.
- The machine can process multi-holes with the multi-spindles according to the customers demands or can drill, ream and tap only one hole with out multi spindles.



型号 Model	ZXSM-45	ZXSM-45A
最大钻孔直径 Max. Drilling capacity	mm 31.5	45
最大攻丝直径 Max. Tapping capacity	mm M33	M36
主轴最大行程 Spindle travel	mm 100	120
两主轴中心距 Distance spindles	mm 200	400
主轴中心至立柱表面距离 Distance spindle axis to column surface	mm 275	275
主轴端至底座工作台面最大距离 Distance spindle nose to working surface of base	mm 515	665
主轴锥度 Spindle taper	MT3	MT4
主轴转速 Spindle speeds	r/min 钻(Drill): 75, 130, 240, 390, 670, 1200 攻、铰(Tap, ream): 35, 65, 120, 190, 330, 600	
主轴转速级数 Spindle speeds series	6级	6级
工作台面尺寸 Dimension of worktable surface	mm 800 X 240	1000 X 240
工作台行程 Table travel	mm 200 X 200	400 X 200
总高 Overall height	mm 1820	1970
电动机 Motor	kW 2.2	2.2
毛重/净重 G.W./N.W.	kg 550/500	650/600
包装尺寸 Packing dimension	cm 109 X 89 X 190	109 X 109 X 205

DOUBLE-SPINDLE COMPOUND MACHINE 双头组合机床

ZXS4625特点:

- 集钻-铣-攻于一身, 多功能、多用途;
- 钻孔后无需重新装夹工件, 即可进行攻丝;
- 最佳的性价比。

ZXS4625 Characters:

- The machine not only could drilling & milling but also tapping, it has multi-function.
- It's no needs to reinstall the work-piece to tapping after drilling.
- The proportion of capability and price are the best.



型号 Model	ZXS4625
最大钻孔直径 Max. Drilling capacity	mm 25
最大攻丝直径 Max. Tapping capacity	mm M24/M20
最大铣削宽度 Max. Face Mill Capacity	mm 63
最大立铣宽度 Diameter of vertical milling	mm 13
主轴最大行程 Spindle travel	mm 125/110
主轴箱升降行程 Head travel	mm 440
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 240
两立柱中心距 Distance column	mm 280
主轴端至工作台面距离 Distance spindle nose to worktable	mm 75-510
主轴锥度 Spindle taper	MT3
主轴转速范围 Spindle speeds range	r/min 290-2150
主轴转速级数 Spindle speed numbers	5
工作台面尺寸 Dimension of worktable surface	mm 640 X 205
底座尺寸 Dimension of base	mm 650 X 600
工作台行程 Table travel	mm 370 X 150
总高 Overall height	mm 1130
电动机 Motor	W 750(6P)
毛重/净重 G.W./N.W.	kg 320/280
包装尺寸 Packing dimension	cm 93 X 85 X 105

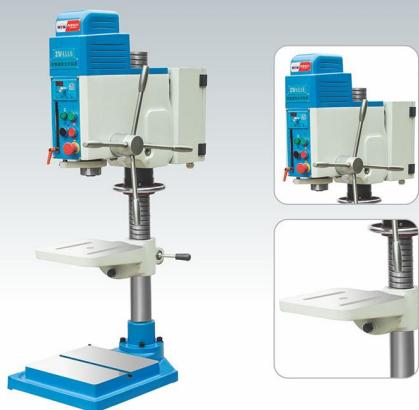
Z4632G 排式钻床 Gang Drilling Machine



型号 Model	Z4632G
最大钻孔直径 Max. drilling capacity	mm 31.5
最大攻丝直径 Max. tapping capacity	mm M24
立柱直径 Diameter of column	mm 100
主轴最大行程 Max. spindle travel	mm 150
主轴中心至立柱母线距离 Distance spindle axis to column surface	mm 265
主轴端至工作台面最大距离 Distance spindle bore to worktable surface	mm 520
相邻两立柱之间的中心距 Distance between two column axis	mm 650
主轴锥度 Spindle taper	MT3
主轴转速范围 Spindle speed	r/min 285-1875
主轴转速级数 Spindle speed numbers	级 5级
工作台面尺寸 Dimension of worktable	mm 2350×600
总高 Overall height	mm 1850
净重 Net weight	kg 1650

ZW4116 智能高效台式钻床

Intelligent High Efficiency Bench Drilling Machine



型号 Model	ZW4116	
最大钻孔直径 Max.drilling capacity	mm	16
最大攻丝直径 Max.tapping capacity	mm	M10
主轴最大行程 Max.spindle travel	mm	135
主轴锥度 Spindle taper		MT2
立柱直径 Diameter of column	mm	70
主轴转速范围 Spindle speed	r/min	300-3000 (三) 300-2500 (单相)
工作台沿水平方向绕立柱旋转角度 Rotate angle of worktable along column		360°
主轴箱沿水平方向绕立柱旋转角度 Rotate angle of head along column		360°
主轴中心至立柱表面距离 Distance spindle axis to column surface	mm	193
工作台台面有效工作尺寸 Availability working area of worktable	mm	250×250
底座台面有效工作尺寸 Availability working area of base	mm	300×300
主轴端到工作台台面最大距离 Max.distance spindle nose to table	mm	590
主轴端到主轴台面最大距离 Max.distance spindle nose to base	mm	805
主轴最大扭矩 Max.torque	N·m	16
主电机规格 Main motor power	KW	最大功率1.5KW
进给电机规格 Feed motor power	W	\
进给速度 Feed speed rate	mm/min	\
净重/毛重 N.G./G.W.	kg	145/165
机床最大外形尺寸 Max.external dimension	mm	640×450×1370
包装外形尺寸 Packing dimension	mm	730×500×1180

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ZWB4116 智能高效台式自动进刀钻床

Intelligent High Efficiency Auto-feed Drilling Machine



主轴自动进刀装置
Spindle Auto-feed Mechanism



电气控制箱
Electrical Cabinet



型号 Model	ZWB4116	
最大钻孔直径 Max.drilling capacity	mm	16
最大攻丝直径 Max.tapping capacity	mm	M10
主轴最大行程 Max.spindle travel	mm	手动135/自动75
主轴锥度 Spindle taper		MT2
立柱直径 Diameter of column	mm	70
主轴转速范围 Spindle speed	r/min	300-3000 (三相) / 300-2500 (单相)
工作台沿水平方向绕立柱旋转角度 Rotate angle of worktable along column		360°
主轴箱沿水平方向绕立柱旋转角度 Rotate angle of head along column		360°
主轴中心至立柱表面距离 Distance spindle axis to column surface	mm	193
工作台台面有效工作尺寸 Availability working area of worktable	mm	250×250
底座台面有效工作尺寸 Availability working area of base	mm	300×300
主轴端到工作台台面最大距离 Max.distance spindle nose to table	mm	590
主轴端到主轴台面最大距离 Max.distance spindle nose to base	mm	805
主轴最大扭矩 Max.torque	N·m	16
主电机规格 Main motor power	KW	最大功率1.5KW
进给电机规格 Feed motor power	W	约90W
进给速度 Feed speed rate	mm/min	20-204
净重/毛重 N.G./G.W.	kg	145/165
机床最大外形尺寸 Max.external dimension	mm	640×450×1370
包装外形尺寸 Packing dimension	mm	730×500×1180

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BENCH STRONG DRILLING MACHINE

强力钻床

机床优点：

- 外形美观、大方、新颖；
- 结构合理、刚性好、强度高；
- 主轴形成大、加工范围广；
- 工作台可升降、可360度回转，操作省力；
- 功能齐全：带攻丝功能、带U型眼护罩、皮带罩可带开门断电功能、可带特殊附件；多轴器等；
- 主轴箱、工作台、立柱、底座采用优质铸铁，并经时效处理，稳重结实，经久耐用；
- 主轴、花键套、齿轮轴经过热处理工艺，强度高。

Z4132G

产品细节图



工作台升降机构
WORKTABLE UP/DOWN MECHANISM

套筒导向装置
QUILL ORIENTATION MECHANISM

Z4006G
(高速台钻)

LED工作灯
LED LIGHT

控制面板
CONTROL FRONT PANEL

皮带张紧机构
BELT ADJUST MECHANISM

型号 Model	Z4132G	Z4120G/Z4116G	Z5032G/Z5032GP	Z4006G
最大钻孔直径 Max.Drilling capacity	mm	Φ31.75	Φ20(铸件)/Φ16	Φ6(铸件)
最大攻丝直径 Max.Tapping capacity	mm	M24(铸铁)/M20(铸件)	M20(铸铁)/M16(铸件)/M12(铸铁)/M10(铸件)	/
主轴中心到立柱生成线 Distance spindle axis to column generating line	mm	265	240/193	265
主轴最大行程 Spindle travel	mm	150	135/100	150
主轴端到工作台台面最大距离 Max.Distance spindle nose to table	mm	390	365/330	820
主轴端到主轴台面最大距离 Max.Distance spindle nose to base	mm	745	675/610	1235
立柱直径 Diameter of column	mm	100	85/70	100
主轴转速范围 Spindle speeds range	r/min	280-1875	320-1820/320-2730	280-1875
主轴锥度 Spindle taper	/	MT3	MT2	MT3
工作台面积 Dimension of worktable surface	mm	380x400	300x320/265x285	380x400/390/390
电动机功率 Motor	KW	1.5 (1P)	1.1(6P)/0.75(4P)	1.5(1P)
机床净重 Net weight	Kg	225	170/145	310
包装尺寸 Packing dimension	mm	1040x640x1510	980x560x1400/850x540x1280	640x350x580

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BENCH STRONG AUTO-FEED DRILLING MACHINE

强力型自动进刀钻床

机床优点:

- 外形美观、大方、新颖、结构合理、刚性好、强度高;
- 主轴形成大、加工范围广;
- 工作台可上升下降、可360度回转,操作省力;
- 功能齐全:带双丝功能、带U型眼护罩、皮带罩可带开断电功能、可带特殊附件:多轴器等;
- 主轴箱、工作台、立柱、底座采用优质铸铁,并经时效处理,稳重结实、经久耐用;
- 主轴、花键套、齿轮轴经过热处理工艺,强度高。
- 机床转速及进给均有广泛的变速范围,可进行机动、手动操控,可随时轻便地接通或切断进给;

ZB4132GP



产品细节图

套筒导向装置
QUILL ORIENTATION
MECHANISM

LED工作灯
LED LIGHT

主轴进给速度无限可调
THE SPEED/SPINDLE FEEDS
INFINITELY ADJUSTABLE

ZB4116G / ZB4120G / ZB4132G



皮带张紧机构
BELT ADJUST MECHANISM

手柄杆(整体铸件)
FEED HANDLE (STEEL MATERIAL)

控制面板
CONTROL FRONT PANEL

型号 Model	ZB4132G/ZB4132GP	ZB4120G	ZB4116G	ZB5032G/ZB5032GP
最大钻孔直径 Max. Drilling capacity	mm $\phi 31.75$ (钢铁)	$\phi 20$ (钢铁)	$\phi 16$ (钢铁)	$\phi 31.75$ (钢铁)
最大攻丝直径 Max. tapping capacity	mm M24 (钢铁) M20 (钢铁) M20 (钢铁) M16 (钢铁)	M12 (钢铁) M10 (钢铁)	M24 (钢铁) M20 (钢铁)	M24 (钢铁) M20 (钢铁)
主轴最大行程 Spindle travel	mm 手动150/自动105	手动135/自动75	手动100/自动75	手动150/自动105
主轴中心到立柱母线距离 Distance spindle axis to column generating line	mm 265	240	193	265
主轴端面至工作台最大距离 Max. Distance spindle nose to table	mm 390	366	330	820
主轴端面至底座合盖最大距离 Max. Distance spindle nose to base	mm 745	678	613	1235
立柱直径 Diameter of column	mm 100	85	70	100
主轴转速范围 Spindle speeds range	r/min 280~1875	320~1820	320~2730	280~1875
主轴最大进给速度 Max. feed rate	mm/min 113	109	110	113
主轴锥度 Spindle taper	/ MT3	MT2	MT2	MT3
工作台面尺寸 Dimension of worktable surface	mm 380 x 400	300 x 320	265 x 285	380 x 400 / 390 x 390
电动机功率 Motor	KW 1.5	1.1	0.75	1.5
机床净重 Net weight	Kg 238	183	153	310
包装尺寸 Packing dimension	mm 1040 x 640 x 1510	990 x 590 x 1400	850 x 540 x 1280	1040 x 640 x 2050



SERIES PREMIUM QUALITY DRILLING MACHINE

DRILLING & TAPPING MACHINE

B1系列(主轴箱升降)精品台钻及钻攻两用机

机床优点:

- 主轴箱、立柱及底座均采用优质铸铁,并经时效处理,稳重结实,经久耐用;
- 高精度,高转速,广泛应用于仪器,仪表及照相机等行业。

Z4120B1/Z4125B1

型号 Model	Z4112B1/Z4116B1	Z4120B1/Z4125B1	Z54112B1/Z54116B1	Z54120B1/Z54125B1
最大钻孔直径 Max. Drilling capacity	mm $\phi 12.7$ $\phi 16$	$\phi 20$ $\phi 25$	$\phi 12$ $\phi 16$	$\phi 20$ $\phi 25$
最大攻丝直径 Max. tapping capacity	mm /	/	10(钢铁) 12(钢铁) 10(钢铁) 12(钢铁)	16(钢铁) 20(钢铁) 20(钢铁) 25(钢铁)
主轴最大行程 Spindle travel	mm 100	125	100	125
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 193	240	193	240
主轴端面至工作台最大距离 Max. Distance spindle nose to table	mm 282	299	281.5	299
主轴端面至底座合盖最大距离 Max. Distance spindle nose to base	mm 500	560	502.5	534 560
主轴锥度 Spindle taper	/ B16MT2	MT2 MT3	B16MT2	MT2 MT3
主轴转速范围 Spindle speeds range	r/min 480, 800, 1400, 2400, 4100	365, 590, 1000, 1800, 3150	480, 800, 1440, 2400, 4100	250~2150
主轴转速级数 Spindle speeds series	/ 5级	5级	5级	6级
工作台面尺寸 Dimension of worktable surface	mm 200 x 230	280 x 300	200 x 230	280 x 300
底座尺寸 Dimension of base	mm 280 x 260	315 x 335	280 x 260	315 x 335
电机功率 Motor	W 550	1100	750	750 1100
机床净重 Net weight	kg 90	140	90	140
包装尺寸 Packing dimension	mm 800 x 450 x 1000	870 x 510 x 1090	800 x 450 x 1000	870 x 510 x 1090



产品细节图

360°旋转工作台
360° FREE ROTATE ADJUSTING
WORKTABLE

手柄杆(整体铸件)
FEED HANDLE (STEEL MATERIAL)

LED工作灯
LED LIGHT

套筒导向装置
QUILL ORIENTATION
MECHANISM

Z4120B1/Z4125B1



防尘电机
DUST PROOF MOTOR

摇把升降主轴
SPINDLE HEAD RISE/DOWN BY HANDLE

Z4116B1



SERIES ACCURACY BENCH DRILLING MACHINE

ZD系列精品工业台钻

机床优点:

- 主轴箱，立柱及底座均采用优质铸铁，并经时效处理，稳重结实，经久耐用；
- 高精度，高转速，广泛应用于仪器，仪表及照相机等行业。



Z512-2D/Z516-2D

产品细节图



Z512D/Z516D

Z4120D/Z4125D

型号 Model	Z512-2D/Z516-2D	Z512D/Z516D	Z4120D/Z4125D
最大钻孔直径 Max. Drilling capacity	mm 12.7/16	12.7/16	20/25
主轴中心至柱母线距离 Distance spindle axis to column generating line	mm 193	193	240
主轴最大行程 Spindle travel	mm 100	100	125
立柱直径 Diameter of column	mm 70	70	85
主轴箱至工作台面最大距离 Max. Distance spindle nose to table	mm 332/326	315	367
主轴箱至底座台面最大距离 Max. Distance spindle nose to base	mm 556/550	556	630
工作台面尺寸 Dimension of worktable surface	mm 265 X 265	200 X 230	280 X 300
底座尺寸 Dimension of base	mm 528 X 360	528 X 360	590 X 375
主轴锥度 Spindle taper	/ B16/B18	B16/MT2	MT2/MT3
主轴转速范围 Spindle speeds range	r/min 480-4100	480-4100	365-3150
电动机 Power of motor	W 550	550	1100
包装尺寸 Packing dimension	cm 77 X 42 X 96	80 X 45 X 95 / 77 X 42 X 96	83 X 47 X 104
机床净重 Net weight	Kg 90	90	140

ZS SERIES DRILLING & TAPPING MACHINE

ZS系列钻攻两用机

标准附件

- 钻夹头
- 锥柄接套
- 锥柄接杆
- 下刀铁
- 扳手

Standard accessories

- Drill chuck
- Taper sleeve
- Arbor
- Drift
- Wrench

特殊附件

- 眼护罩
- 平口钳
- 攻丝夹头

Special accessories

- Safety guard
- Vice
- Tapping chuck



ZS4112D/ZS4116D

ZS4120D/ZS4125D

● ZS系列钻攻两用机特点

- 选用名牌电器，性能稳定，经久耐用；
- 钻孔攻丝转换方便快捷；
- 独特的主轴设计及专用接杆，确保夹头连接更可靠。

● ZS Drilling-Tapping machine Characters

- Using famous electrical equipment, stable featured and everlasting.
- Change easily between drilling and tapping.
- Special spindle design and arbor make sure chuck connections.



型号 Model	ZS4112D/ZS4116D	ZS4120D/ZS4125D
最大钻孔攻丝直径 Max. Drilling/Tapping capacity	mm D:12/T:M10/M8 D:16/T:M12/M10	D:20/T:M20/M16 D:25/T:M24/M20
立柱直径 Diameter of column	mm 70	85
主轴最大行程 Spindle travel	mm 100	125
主轴中心至柱母线距离 Distance spindle axis to column generating line	mm 193	240
主轴箱至工作台面最大距离 Max. Distance spindle nose to table	mm 315	297/367
主轴箱至底座台面最大距离 Max. Distance spindle nose to base	mm 556	560/630
主轴锥度 Spindle taper	B16/MT2	MT2/MT3
主轴转速范围 Spindle speeds range	r/min 480-4100	290-2150
主轴转速级数 Spindle speeds series	5	5
工作台面尺寸 Dimension of work table surface	mm 200 X 230	280 X 300
底座尺寸 Dimension of base	mm 528 X 360	590 X 375
总高 Overall height	mm 1037	1127
电动机 Power of motor	W 750	750/1100
毛重/净重 G.W./N.W	kg 108/90	165/140
包装尺寸 Packing dimension	cm 77 X 42 X 95	82 X 48 X 102

ZQD SERIES LIGHT TYPE DRILL PRESS ZQD系列轻型钻床

特点:

- 轻便灵活, 可供机加, 修理等行业, 也适用于家庭中修理日用机具等。

Characters:

- Light and flexible, it can be used not only on machine processing, repairing but also DIY repairing and daily use.

ZQ4116D/ZQ4119D

ZQD4125D/ZQD4132D



型号 Model		ZQ4113D	ZQ4116D/ZQ4119D	ZQ4125D	ZQD4125D ZQD4132D
最大钻孔直径 Max. Drilling capacity	mm	13	16/19	25	25/31.5
立柱直径 Diameter of column	mm	70	70	85	85
主轴最大行程 Spindle travel	mm	85	85	110	110
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	180	180	200	200
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	390	410	480	390
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	570	590	670	1140
主轴锥度 Spindle taper		B16	MT2	MT3	MT3
主轴转速范围 Spindle speeds range	r/min	495-2565	270-2880	200-2280	200-2280 150-2270
主轴转速级数 Spindle speeds series		4	12	9/12	9/12
工作台面尺寸 Dimension of table surface	mm	240X 240 or Φ300	240X 240 or Φ300	280X 280 or Φ360	280X 280 or Φ360
底座尺寸 Dimension of base	mm	445 X 270	445 X 270	566 X 356	566 X 356
总高 Overall height	mm	960	960	1110	1680
电动机 Power of motor	W	370	370/550	750	750
毛重/净重 G.W/N.W	kg	68/65	68/65	105/98	115/108
包装尺寸 Packing dimension	cm	91 X 51.5 X 27	91 X 51.5 X 27	108 X 77 X 34	108 X 77 X 34

WDDM

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HIGH-SPEED ACCURACY BENCH DRILLING MACHINE 高速精密台钻

机床优点:

- 主轴箱, 立柱及底座均采用优质铸铁, 并经时效处理, 稳重结实, 经久耐用;
- 高精度, 高转速, 广泛应用于仪器, 仪表及照相机等行业。

Characters:

- Both spindle head, column and base using high quality cast iron, strong and everlasting.
- High precision with excellent feature, widely used as instrument and camera area.



Z406BD/Z406CD



型号 Model		Z406CD	Z406BD
最大钻孔直径 Max. Tapping capacity	mm	6	6
立柱直径 Diameter of column	mm	50	50
主轴最大行程 Spindle travel	mm	65	65
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	140	140
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	/	/
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	225	225
主轴锥度 Spindle taper		B10	B10
主轴转速范围 Spindle speeds range	r/min	1400-5800	2000-12000
主轴转速级数 Spindle speeds series		3	3
工作台面尺寸 Dimension of worktable surface	mm	/	/
底座尺寸 Dimension of base	mm	380 X 258	380 X 258
总高 Overall height	mm	605	605
电动机 Power of motor	W	250	250/370
毛重/净重 G.W/N.W	kg	48/38	48/38
包装尺寸 Packing dimension	cm	61 X 30 X 54	61 X 30 X 54

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NEW TYPE SWJ-D SERIES TAPPING MACHINE SWJ-D系列新型攻丝机



SWJ-6D



SWJ-24D

型号 Model		SWJ-6D	SWJ-24D
最大攻丝直径 Max. Tapping capacity	mm	M6/M5	M24/M20
主轴最大行程 Spindle travel	mm	40	50
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	127	198
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	245	545
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	375	760
主轴锥度 Spindle taper	/	B12	B22
工作台面尺寸 Dimension of worktable surface	mm	195 X 195	280 X 280
电动机 Power of motor	KW	0.37	1.1
毛重/净重 G.W/N.W	Kg	63/43	160/140
包装尺寸 Packing dimension	cm	58 X 37 X 90	78 X 48 X 116

SWJ-G SERIES TAPPING MACHINE SWJ-G系列攻丝机



SWJ-12G/SWJ-16G

型号 Model		SWJ-12G	SWJ-16G
最大攻丝直径 Max. Tapping capacity (HT200/45)	mm	M12/M10	M16/M12
主轴最大行程 Spindle travel	mm	50	50
主轴锥度 Spindle taper	/	B16	B18
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	365	339
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	543	543
工作台面尺寸 Dimension of worktable surface	mm	260X 260	265 X 265
电动机 Power of motor	W	550	750
净重 N.W	Kg	95	95
包装尺寸 Packing dimension	cm	77 X 42 X 96	77 X 42 X 96

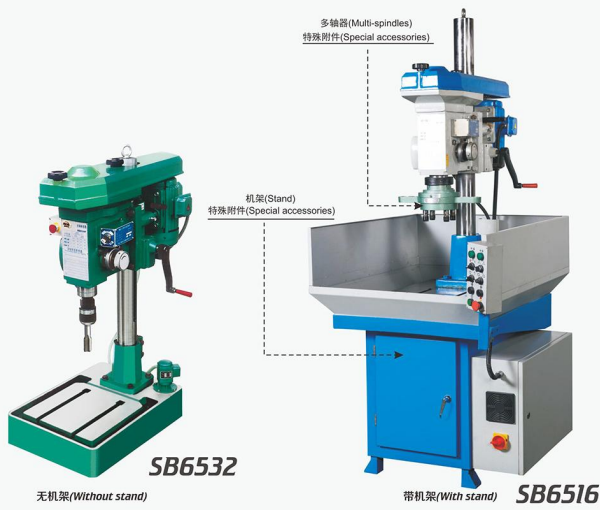
WDDM

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GEAR TYPE TEETH DISTANCE TAPPING MACHINE

齿轮式牙距自动攻丝机



- SB6532 标准附件**
 - 攻丝夹头(M10-M30)
 - 挂轮(P=1.5, P=1.75, P=2.0, P=2.5, P=3.0, P=3.5)
 - 扳手
- SB6532 Standard accessories**
 - Tapping Chuck(M10-M30)
 - Chang gear=P=1.5, P=1.75, P=2.0, P=2.5, P=3.0, P=3.5
 - Wrench
- SB6532 特殊附件**
 - 多轴器
 - 平口钳
 - 机架
- SB6532 Special accessories**
 - Multi-spindles
 - Vice
 - Stand

特点:

- 本机床的进给由交换齿轮带动, 进给机构设有消除弹簧, 利于挤压丝锥, 故能使所加工螺孔的精度、清洁度达到理想要求;
- 攻丝深度可由定程旋钮调节, 定程准确;
- 本机床采用快换攻丝夹头, 丝锥更换方便、失紧牢靠;
- 主传动及进给传动系统分别设有摩擦片离合器, 能在加工遇到障碍时, 自动断开传动链, 保证丝锥免受损坏;
- 在操作方便部位设有紧急返回停止按钮;
- 交换齿轮罩设有安全装置(开门断电), 可保证操作者安全操作;
- 为了便于大批量生产, 本机床电气系统可实现主轴进给的自动循环及点动单循环;
- 机床采用每转一螺距, 机械同步式进刀、退刀, 因此可在各种常用材料上攻出完美螺纹。

Characters:

- The machine's feeding is driving by the change gear, the feedingsetup has the spring which eliminate clearance, it can extrusion the tap so it can make the hole's precision and purification to the ideal requirement.
- The depth of tapping can adjusting by the depth knob, it's very precise.
- The machine use the fast-changing tapping chuck, the tap is more easily to change. And clamp firmly.
- Main drive and feeding system have the rub clutches respectively, it can out off drive chain automatic when it suffered some balk, it can prevent the break.
- There is an urgent bottom at the most convenience place.
- One the cover of exchanging gear there has a safety device (open the door and cut off the electricity) it can assure safety of the operator.
- In order to produce in bulk, the machine's electrical system can 8-chieved the spindle feeding auto-circulation and spot-start single-circulation.
- The machine adopt one screw distance per circle, feeding and w-withdrawing automatic at synchronization, so it can tapping perfect-ible screw thread on kinds of usual material.



SB6532A
(卧式 Horizontal)
英制及细牙螺距需特殊订货



型号 Model	型号	SB6532	SB6516	SB6532A
最大攻丝直径Max. Tapping capacity	mm	M32	M16	M32
立柱直径Diameter of column	mm	95	85	/
主轴最大行程Spindle travel	mm	65	65	65
主轴中心至立柱导轨距离Distance spindle axis to column generating line	mm	252.5	257.5	/
主轴端至底座台面最大距离Max. Distance spindle nose to base	mm	600	670	/
主轴锥度Spindle taper		MT3	MT3	MT3
主轴转速Spindle speeds	r/min	80, 150, 280(6P电机Motor)或 120, 220, 420(4P电机Motor)	250, 400, 590	80, 150, 280(6P电机Motor)或 120, 220, 420(4P电机Motor)
主轴转速级数Spindle speeds series		3	3	3
底座尺寸Dimension of base	mm	690X500	350X350	/
主轴行程Spindle head travel	mm	450	405	/
总高Overall height	mm	1165	1110	/
电动机Power of main motor	kW	1.5(6P)/2.2(4P)	1.5	1.5(6P)/2.2(4P)
符合本机床使用之自动进给螺距 Auto-feeding thread pitch for which suits machine		1.25/1.5/1.75/2.0/2.5/3.0/3.5mm 19/18/16/14/13/12/11/10/9/8/7/6	1.00/1.25/1.5/1.75/2.0mm 16/14/13/12/11/10/9/8/7/6	1.25/1.5/1.75/2.0/2.5/3.0/3.5mm 19/18/16/14/13/12/11/10/9/8/7/6
毛重/净重G.W./N.W	kg	无机架400/350 带机架650/600	无机架280/300	165/130
包装尺寸Packing dimension	cm	无机架102×62×135 带机架152×112×230	无机架106.2×64×132	56×53×70

GEAR TYPE TEETH DISTANCE TAPPING MACHINE

齿轮式牙距自动攻丝机

- SB408G 标准附件**
 - 攻丝夹头 (M3-M8)
 - 挂轮(P=0.5, P=0.7, P=0.8, P=1.0, P=1.25)
 - 扳手
- SB408G Standard accessories**
 - Tapping Chuck (M3-M8)
 - Chang gear(P=0.5, P=0.7, P=0.8, P=1.0, P=1.25)
 - Wrench
- SB4516G 标准附件**
 - 攻丝夹头 (M3-M16)
 - 挂轮(P=0.5, P=0.7, P=0.8, P=1.0, P=1.25, P=1.5)
 - 扳手
- SB4516G Standard accessories**
 - Tapping Chuck (M3-M16)
 - Chang gear(P=0.5, P=0.7, P=0.8, P=1.0, P=1.25, P=1.5)
 - Wrench
- 特殊附件**
 - 多轴器
 - 平口钳
 - 机架
- Special accessories**
 - Multi-spindles
 - Vice
 - Stand



SB408G/SB4516G



SB4516A
(卧式 Horizontal)

特点:

- 本机床的进给由交换齿轮带动, 进给机构设有消除弹簧, 利于挤压丝锥, 故能使所加工螺孔的精度、清洁度达到理想要求;
- 攻丝深度可由定程旋钮调节, 定程准确;
- 本机床采用快换攻丝夹头, 丝锥更换方便、失紧牢靠;
- 主传动及进给传动系统分别设有摩擦片离合器, 能在加工遇到障碍时, 自动断开传动链, 保证丝锥免受损坏;
- 在操作方便部位设有紧急返回停止按钮;
- 交换齿轮罩设有安全装置(开门断电), 可保证操作者安全操作;
- 为了便于大批量生产, 本机床电气系统可实现主轴进给的自动循环及点动单循环;
- 机床采用每转一螺距, 机械同步式进刀、退刀, 因此可在各种常用材料上攻出完美螺纹。

Characters:

- The machine's feeding is driving by the change gear, the feeding setup has the spring which eliminate clearance, it can extrusion the tap so it can make the hole's precision and purification to the ideal requirement.
- The depth of tapping can adjusting by the depth knob, it's very precise.
- The machine use the fast-changing tapping chuck, the tap is more easily to change. And clamp firmly.
- Main drive and feeding system have the rub clutches respectively, it can out off drive chain automatic when it suffered some balk, it can prevent the break.
- There is an urgent bottom at the most convenience place.
- One the cover of exchanging gear there has a safety device(open the door and cut off the electricity) it can assure safety of the operator.
- In order to produce in bulk, the machine's electrical system can achieved the spindle feeding auto-circulation and spot-start single-circulation.
- The machine adopt one screw distance per circle, feeding and withdrawing automatic at synchronization, so it can tapping perfectible screw thread on kinds of usual material.

英制及细牙螺距需特殊订货

型号 Model	型号	SB408G	SB4516G	SB4516A
最大攻丝直径Max. Tapping capacity	mm	M8	铸件(Cast iron)M16×1.5/钢(Steel)M12×1.5	
立柱直径Diameter of column	mm	56	56	/
主轴最大行程Spindle travel	mm	45	45	45
主轴中心至立柱导轨距离Distance spindle axis to column generating line	mm	185	185	/
主轴端至底座台面最大距离Max. Distance spindle nose to base	mm	370	370	/
主轴锥度Spindle taper		B16	B18	B18
主轴转速Spindle speeds	r/min	360, 590, 960(6P电机Motor)或 540, 655, 1445(4P电机Motor)	360, 590, 960(6P电机Motor)或 540, 655, 1445(4P电机Motor)	360, 590, 960(6P电机Motor)或 540, 655, 1445(4P电机Motor)
主轴转速级数Spindle speeds series		3	3	3
底座尺寸Dimension of base	mm	460×310	460X310	/
主轴行程Spindle head travel	mm	260	260	/
总高Overall height	mm	800	800	/
电动机Power of main motor	kW	0.55(6P)/0.75(4P)	0.55(6P)/0.75(4P)	0.55(6P)/0.75(4P)
符合本机床使用之自动进给螺距 Auto-feeding thread pitch for which suits machine		0.30, 35/0.40, 45/0.50, 60/0.70, 75/0.8 0.8/1.0/1.25/1.5mm 72/64/56/48/44/40/32/28/27/26/24/20/19/18/16/15	0.30, 35/0.40, 45/0.50, 60/0.70, 75/0.8/0.8/1.0/1.25/1.5mm 72/64/56/48/44/40/32/28/27/26/24/20/19/18/16/15	
毛重/净重G.W./N.W	kg	130/105	130/105	75/65
包装尺寸Packing dimension	cm	无机架73×48×110 机架91×58×172	无机架73×48×110 机架91×58×172	56×53×70

LEAD-SCREW AUTOMATIC TAPPING MACHINE

导螺旋自动进刀攻丝机 英制及细牙螺距需特殊订货

多轴器 Multi-spindles
特殊附件
Special accessories

标准附件

- 攻丝夹头 (M10-M30)
- 指定螺杆一种
- 扳手

Standard accessories

- Tapping Chuck (M10-M30)
- one set of screw appointed
- Wrench

特殊附件

- 多轴器
- 平口钳
- 机架

Special accessories

- Multi-spindles
- Vice
- Stand

SB8030

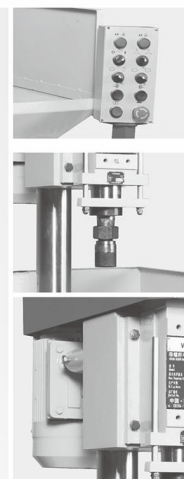


特点:

- 本机床的进给由导螺杆带动, 故能使所加工螺孔的精度、清洁度达到理想要求;
- 在操作最方便部位设有紧急返回停止按钮;
- 为了便于大批量生产, 本机床电气系统可实现主轴进给的自动循环及点动单循环;
- 机床采用每转一螺距, 机械同步式进刀、退刀, 因此可在各种常用材料上攻出完美螺纹。

Gear type teeth distance tapping machine characters;

- The machine's feeding is driving by the Lead-screw, it can extrusion the tap so it can make the hole's precision and purgation to the ideal requirement.
- There is an urgent bottom at the most convenience place.
- In order to produce in bulk, the machine's electrical system can a chieved the spindle feeding auto-circulation and spot-start single circulation.
- The machine adopt one screw distance per circle, feeding and with drawing automatic at synchronization, so it can tapping perfectible screw thread on kinds of usual material.



型号 Model	型号	SB8030
最大攻丝直径 Max. Tapping capacity	mm	M30
立柱直径 Diameter of column	mm	95
主轴最大行程 Spindle travel	mm	80
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	282.5
主轴端至底座台面最大距离 Max. Distance spindle nose to base	mm	680
主轴锥度 Spindle taper		MT3或(或)ER32
主轴转速 Spindle speeds	r/min	客户指定(Customer specified)
主轴转速级数 Spindle speeds series		指定或无限变速
底座尺寸 Dimension of base	mm	690×500
主轴箱行程 Spindle head travel	mm	430
总高 Overall height	mm	2010
电动机 Power of main motor	kW	2.2
符合本机床使用之自动进给螺距 Auto-feeding thread pitch for which suits machine		0.7/0.8/1.0/1.25/1.5/1.75/2.0/2.5/3.0mm
毛重/净重 G.W./N.W	kg	500/475
包装尺寸 Packing dimension	mm	1000×850×2100

DRILLING MACHINE WITH OIL PRESSURE AUTOMATIC FEED UNIT

油压自动进刀动力头钻床

特殊附件 (Special accessories)



- 1 方型多轴器 Square multi-spindle
- 2 圆形多轴器 Round multi-spindle

特殊附件 (Special accessories)



油压精密分度盘
Oil pressure precision index plate

OD-35

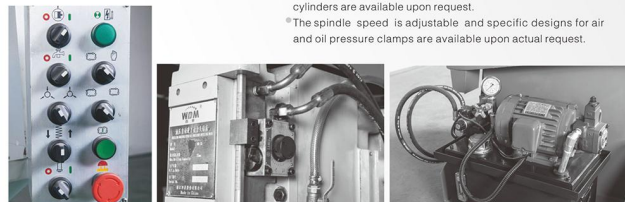


特点:

- 主轴系统: 主轴采用油压动力头, 进刀平稳, 并可调整流量控制阀来调节进刀速度, 调速容易, 可根据要求配各型动力头、导螺杆攻牙动力头。
- 油压系统: 一般采用可变容量叶片泵, 噪声小, 温升低, 运转顺滑。并采用超大流量电磁阀可保证动作平稳顺畅。
- 电气系统: 多头系统可采用PLC控制, 故障率低, 维修简单, 动作修改容易。主轴变速可选用变频器。
- 进行调速, 调速容易, 操作方便。
- 可配各型钻孔、攻牙动力头。
- 可安装各型空、油压夹具, 气、油缸。
- 可依实际加工需求, 增减主轴头, 空油压夹具, 做专案设计。

Characters:

- Spindle system: the spindle head is driven by oil pressure, which helps to smooth the feeding. The current control valve, which is very easy to handle, may help to adjust the feeding rate. Various spindle heads and tapping heads are available upon request.
- Oil hydraulic system: due to the vane pump with variable capacity, it is of low noise and low heat, and runs smoothly.
- The high current electro magnetic valve ensures its stable and smooth running. Electric control system: the main electric elements are Telemecanique (a French brand) elements. Made per international uniform standard, its compatibility and exchangeability are very high. The PLC is applied to the multi-spindle system, with which, it is of low failure, easy maintenance and changeability.
- Various drilling heads and tapping heads are available upon request.
- Various air clamps, oil pressure clamps, air cylinders and oil-cylinders are available upon request.
- The spindle speed is adjustable and specific designs for air and oil pressure clamps are available upon actual request.



型号 Model	型号	OD-35
最大钻孔直径 Max. Drilling capacity	mm	35
立柱直径 Diameter of column	mm	95
主轴最大行程 Spindle travel	mm	140
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	282.5
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	J
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	700
主轴锥度 Spindle taper		MT4或ER40
主轴转速范围 Spindle speeds range	r/min	客户指定(Customer specified)
使用压力 Work pressure	kgf/cm ²	20-35
底座尺寸 Dimension of base	mm	690×500
总高 Overall height	mm	1165
主电动机 Main motor	kW	2.2
冷却泵电机 Coolant motor	W	40
毛重/净重 G.W./N.W	kg	630/600
包装尺寸 Packing dimension	cm	152×112×230

ZX7045C/ZX7045C1 数显钻铣床 Drilling & Milling Machine With DRO



ZX7045C

可选配置 Optional accessories:
二轴数显 2 Axis Position Reader



ZX7045C1配双速电机
ZX7045C1: with 2 speed motor 1.3kW/1.8kW

型号 Model		ZX7045C	ZX7045C1
最大钻孔直径 Max.drilling capacity	mm	32钢件/45钢件	32钢件/45钢件
最大端铣直径 End milling dia.	mm	80	80
最大立铣直径 Face milling dia.	mm	28	28
主轴中心至立柱母线距离 Distance spindle axis to column surface	mm	260	260
主轴最大行程 Max.spindle travel	mm	110	110
主轴锥度 Spindle taper		MT4 or R8	MT4 or R8
主轴转速范围 Spindle speed	r/min	50-1250	50-2500
工作台面尺寸 Dimension of worktable	mm	标配820×240, 选配730×240	标配820×240, 选配730×240
工作行程 Worktable travel	mm	标配540×170, 选配450×170	标配540×170, 选配450×170
主轴端到工作台面最大距离 Max.distance spindle nose to worktable	mm	475	475
主电机功率 Main motor power	W	单相1100, 三相1500	1300/1800
冷却泵功率 Coolant pump power	W	40	40
进给电机功率 Feed motor power	W	90	90
进给速度 Feed speed rate	mm/min	8-95	8-95
净重/毛重 N.W./G.W.	kg	330/375	330/375
包装外形尺寸 Packing dimension	mm	1080*920*1240	1080*920*1240



Z20025/Z25032 深孔钻床 LONG TRAVEL DRILLING MACHINE

- Z25032特点:**
- 主轴最大行程可达250mm, 可进行较深孔的加工;
 - 主轴箱及工作台均可升降, 也可绕立柱回转, 扩大了加工范围;
 - 机身稳重结实, 工作台尺寸达540 X 470mm;
 - 带冷却装置和攻丝装置。

- Z25032 Characters:**
- Spindle max travel can reach 250mm, as well as deeper process.
 - The head and table can rise & down freely, the head could also move reverse, enlarge the range of process.
 - The main body is stable & firm, effective working area of table is 540 X470mm.
 - With coolant and tapping mechanism.

- | | | | |
|---|---|--|--|
| 标准附件 | Standard accessories | 特殊附件 | Special accessories |
| <ul style="list-style-type: none"> 钻头 锥柄接套 锥柄接杆 下刀铁 扳手 | <ul style="list-style-type: none"> Drill chuck Taper sleeve Arbor Drift Wrench | <ul style="list-style-type: none"> 眼护罩 角度平口钳 | <ul style="list-style-type: none"> Safety guard Angle vice |

	Z20025	Z25032	
最大钻孔直径Max. Drilling capacity	mm	25	31.5
最大攻丝直径Max. Tapping capacity	mm	/	M20/M16
立柱直径Diameter of column	mm	85	115
主轴最大行程 Spindle travel	mm	200	250
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	240	242.5
主轴端至工作台最大距离 Max. Distance spindle nose to table	mm	/	650
主轴端至底座工作台最大距离 Max. Distance spindle nose to base	mm	550	1150
主轴锥度 Spindle taper		MT3	MT3
主轴转速范围 Spindle speeds range	r/min	290 ~ 2150	100 ~ 2150
主轴转速级数 Spindle speeds series		5	12
工作台面尺寸Dimension of worktable surface	mm	/	540 X 470
工作行程 Table travel	mm	/	515
底座尺寸 Dimension of base	mm	590 X 375	690 X 520
总高 Overall height	mm	930	1810
主电动机 Main motor	W	750(6P)	1500
冷却泵电机 Coolant motor	W	/	40
毛重/净重 G.W./N.W	kg	155/130	360/320
包装尺寸 Packing dimension	cm	82 X 48 X 102	86 X 78 X 191

DRILLING & MILLING MACHINE 钻铣床

- 标准附件**
- 钻头 $\phi 16\text{mm}$
 - 铣刀 $\phi 80\text{mm}$
 - 锥柄接套
 - 锥柄接杆
 - 下刀铁
 - 扳手
 - 拉杆
- Standard accessories**
- Drill chuck $\phi 16\text{mm}$
 - Cutter $\phi 80\text{mm}$
 - Taper sleeve
 - Arbor
 - Drift
 - Wrench
 - Drawbar
- 特殊附件**
- 铣夹头
 - 角度平口钳
 - 眼护罩
 - 机架
- Special accessories**
- Milling chuck
 - Angle vice
 - Safety guard
 - Stand

ZX7045 B/BI



ZX7016



ZX7025



ZX7032



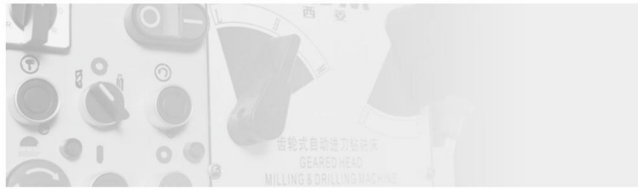
ZX7045

齿轮式自动进给钻铣床 GEAR HEAD AUTO-FEED DRILLING & MILLING MACHINE

- 特点:**
- 加强型齿轮, 传动扭矩大;
 - B1型配双速电机, 主轴转速范围广。
- Characters:**
- Gear hardened, large drive torque;
 - B1 type optional 2-speed motor, wide spindle speed range.

ZX7040 B/BI





GEAR HEAD DRILLING & MILLING MACHINE 钻铣床

ZX7045B/ZX7045B1 带冷却系统 ZX7045B/ZX7045B1 With coolant systems

型号 Model	ZX7016	ZX7025	ZX7032	ZX7045	ZX7040B/ ZX7040B1	ZX7045B/ ZX7045B1
最大钻孔直径 Max. Drilling capacity	mm 16	25	31.5	45	铸铁(Iron/40/ 钢(Steel)32	铸铁(Iron/45/ 钢(Steel)32
最大铣削宽度 Max. face Mill Capacity	mm 40	63	80	80	80	80
最大立铣直径 Diameter of vertical milling	mm 10	13	22	28	22	28
立柱直径 Diameter of column	mm /	/	/	/	115	/
主轴最大行程 Spindle travel	mm 80	110	130	120	110	110
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 182	240	202	260	261.5	260
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 360	510	460	475	450	475
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm /	/	/	/	/	/
主轴锥度 Spindle taper	MT2	MT3	MT3	MT4	MT4 or R8	MT4 or R8
主轴转速范围 Spindle speeds range	r/min 320~3300	290~2150	100~2150	95~1600	50~1250/ 50~2500	50~1250/ 50~2500
主轴转速级数 Spindle speeds series	12	5	12	6	6/12	6/12
主轴进给量 Spindle feeds	mm/r /	/	/	/	0.12 0.18 0.25	0.12,0.18,0.25
工作台面尺寸 Dimension of worktable surface	mm 420X152	555X195	标配730X210 选配820X240	标配730 X 210 选配820 X 240	标配920 X 240 选配930 X 210	标配920 X 240 选配930 X 210
工作行程 Table travel	mm 230X120	240X140	标配450X170 选配540X170	标配450 X 170 选配540 X 170	标配450 X 170 选配450 X 170	标配450 X 170 选配450 X 170
底座尺寸 Dimension of base	mm /	/	/	/	605 X 400	605 X 558
总高 Overall height	mm 900	1130	1100	1050	1100	1100
主电动机 Main motor	W 550	750(6P)	单相1100 三相1500	单相1100 三相1500	单相1100 三相1500	单相1100 三相1500
冷却泵电机 Coolant motor	W /	/	/	/	/	40
毛重/净重 G.W/N.W	kg 80/75(carton) 100/75(wood case)	190/160	285/250	318/278	390/350	405/360
包装尺寸 Packing dimension	cm 86X74X124 65X58X77(wood case)	87X67X102	86X74X124 87X77X124	86X74X124 87X77X124	86X74X124 87X77X124	104X 77 X 124
外包装尺寸 Packing dimension	cm /	/	86X74X116 87X77X116	86X74X116 87X77X116	86 X 74 X 116 87 X 77 X 116	104X 77 X 116

- 特点:**
- 主轴可微动进给及手动进给;
 - 主轴变速简单方便;
 - 本机床采用齿轮传动, 传动扭矩大, 适合于在各种常用材料上钻、扩、铰孔及铣削;
 - 主轴箱可回转360°, 也可倾斜±45°, 使用方便;
 - 电机经齿轮传动克服了皮带打滑的缺点;
 - 主轴箱及工作台可升降, 也可绕立柱回转, 加工范围大。
- Characters:**
- The machine spindle can micro-feeding and hand-feeding.
 - Spindle speed change and easiness.
 - This machine use gear driving system, and it's driving moment is sit-rong enough to drilling, reaming and milling at all kinds of materials.
 - The spindle head which can rotated 360° and tilted ±45°.
 - The motor was driving by gear which overcome the short coming of belt driving. The working scope is large enough for spindle head and worktable not
 - only up and down, but also rotation around the column.

- 标准附件**
- 钻头 φ16mm
 - 铣刀 φ90mm
 - 锥柄接套
 - 锥柄接杆
 - 下刀铁
 - 扳手
 - 拉杆
- Standard accessories**
- Drill chuck φ16mm
 - Cutter φ80mm
 - Taper sleeve
 - A/rbor
 - Drift
 - Wrench
 - Drawbar

- 特殊附件**
- 铣头
 - 角度平口钳
 - 防护罩
- Special accessories**
- Milling chuck
 - Angle vice
 - Safety guard

ZX-40HC/ZX-40PC



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GEAR HEAD AUTO-FEED DRILLING & MILLING MACHINE 齿轮式自动进刀钻铣床

- 特点:**
- 加强型齿轮, 传动扭矩大;
 - B1型配双速电机, 主轴转速范围广。

- Characters:**
- Gear hardened, large driven torque; B1 type optional 2-speed motor, wide spindle speed range.



ZX-40BHC/BPC ZX-40BHC1/BPC1



ZX-32HC

ZX-32PC

钻铣床 DRILLING & MILLING MACHINE

ZX-32HC/ZX-32PC 钻铣床特点:

- 本机床采用皮带传动, 噪音低, 适合于各种常用材料上钻、扩、铰孔及铣削;
- 本机床有12级变速, 速度范围广, 适合于各种常用的软硬材质的加工;
- 主轴箱及工作台均可升降, 也可绕立柱回转, 扩大了加工范围;
- 机身稳重结实, 工作台面达585 X 190mm;
- 本机床可根据用户需求配多轴器进行多孔同时钻、扩、铰、攻。

Drilling & Milling machine characters:

- The machine adopt belt driving and the noisy low, the machine can drill, enlarge, ream and milling.
- The machine has the twelve series speed variable feature, which can be widely fit for processing to kinds of common hard & soft material.
- The head and table can rise & down freely, the head could also move reverse, enlarge the range of process.
- The main body is stable & firm, effective working area of table is 585 X 190mm.
- According to the customer demand the machine can drill, enlarge, ream and tap the multi holes by the multi spindles.

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"H" 不带冷却系统 "H" Without coolant systems "P" 带冷却系统 "P" With coolant systems

型号 Model	ZX-40BHC/ ZX-40BPC	ZX-40BHC1/ ZX-40BPC1	ZX-40HC	ZX-40PC	ZX-32HC	ZX-32PC
最大钻孔直径 Max. Drilling capacity	mm	铸铁(Cast Iron)40 钢(Steel)32	31.5	31.5		
最大铣削宽度 Width of face milling	mm	80	80	80	80	80
最大立铣直径 Diameter of vertical milling	mm	22	22	22	22	22
立柱直径 Diameter of column	mm	115	115	115	115	115
主轴最大行程 Spindle travel	mm	110	110	120	120	130
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	261.5	261.5	272.5	272.5	202
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	745	745	745	745	745
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	1245	1245	1245	1245	1245
主轴锥度 Spindle taper		MT4 or R8	MT4 or R8	MT4	MT4	MT3
主轴转速范围 Spindle speeds range	r/min	50~1250	50~2500	95~1600	95~1600	100~2150
主轴转速级数 Spindle speeds series		6	12	6	6	12
主轴进给量 Spindle feeds	mm/r	0.12 0.18 0.25	0.12 0.18 0.25	/	/	/
工作台面尺寸 Dimension of worktable surface	mm	585 X 190	585 X 190	585 X 190	585 X 190	585 X 190
工作行程 Table travel	mm	370X140X515	370 X 140 X 515	370 X 140 X 515	370 X 140 X 515	370 X 140 X 515
底座尺寸 Dimension of base	mm	635 X 460/690 X 520	635 X 460	690 X 520	635 X 460	690 X 520
总高 Overall height	mm	1760/1810	1760/1810	1760	1810	1760
主电动机 Main motor	W	单相1100 三相1500	单相750 三相1100	单相1100 三相1500		
冷却泵电机 Coolant motor	W	-/40	-/40	/	/	/
毛重/净重 G.W/N.W	kg	360/320 390/350	380/340 410/370	350/310	375/335	345/305
包装尺寸 Packing dimension	cm	72X74X192/ 72X74X198	72X74X192/ 72X74X198	72X74X192	72X74X198	80 X 75 X 192 86 X 78 X 198

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ZS-40DPS 智能高效钻攻两用机床

Intelligent High Efficiency Drilling & Tapping Machine



- | | | |
|--|--|---|
| <ul style="list-style-type: none"> 钻夹头 ϕ 16mm 功丝夹头M12-M30 锥柄接套 锥柄接杆 下刀铁 扳手 拉杆 | <ul style="list-style-type: none"> Drill chuck ϕ 16mm Tap Chuck Taper sleeve Arbor Drift Wrench Drawbar | <ul style="list-style-type: none"> 多轴器 角度平口钳 眼护罩 机架 |
|--|--|---|
- 特殊附件**
- Milling chuck
 - Angle vice
 - Safety guard
 - Stand

型号 Model	ZS-40DPS	
最大钻孔直径 Max.drilling capacity	mm	40
最大攻丝直径 Max.tapping capacity	mm	M32
立柱直径 Diameter of column	mm	115
主轴最大行程 Max.spindle travel	mm	110
主轴中心至立柱母线距离 Distance spindle axis to column surface	mm	261.5
主轴端到工作台面最大距离 Max.distance spindle nose to worktable	mm	745
主轴端到底座台面最大距离 Max.distance spindle nose to base	mm	1245
主轴锥度 Spindle taper		MT4
主轴转速范围 Spindle speed	r/min	50-250, 空档, 250-2000
进给量范围 Feed speed rate	mm/min	20-203
工作台面尺寸 Dimension of worktable	mm	540x470
底座尺寸 Dimension of base	mm	635x460
总高 Overall height	mm	1810
包装尺寸 Packing dimension	mm	720x740x1910

齿轮式自动进刀钻床

- 特点:**
- 加强型齿轮, 传动扭矩大;
 - 1型配双速电机, 主轴转速范围广。
- Characters:**
- Gear hardened, large driven torque;
 - 1 type optional 2 speed motor, wide spindle speed range.

ZS-40B/BP
ZS-40B1/BP1



多轴器(特殊附件)
Multi-spindles
(Special accessories)

ZS-40BHS/BPS
ZS-40BHS1/BPS1

"H" 不带冷却系统 "H" Without collant systems "P" 带冷却系统 "P" With collant systems

型号 Model	ZS-40B/BP	ZS-40B1/BP1	ZS-40BHS/BPS	ZS-40BHS1/BPS1
最大钻孔直径 Max. Drilling capacity	mm	铸铁(Cast Iron)M32 钢(Steel)M24	铸铁(Cast Iron)M32 钢(Steel)M24	铸铁(Cast Iron)M32 钢(Steel)M24
最大攻丝直径 Max. Tapping capacity	mm	铸铁(Cast Iron)M32 钢(Steel)M24	铸铁(Cast Iron)M32 钢(Steel)M24	铸铁(Cast Iron)M32 钢(Steel)M24
立柱直径 Diameter of column	mm	115	115	115
主轴最大行程 Spindle travel	mm	110	110	110
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	261.5	261.5	261.5
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	/	/	745
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	800	800	1245
主轴锥度 Spindle taper		MT4 or R8	MT4 or R8	MT4 or R8
主轴转速范围 Spindle speeds range	r/min	50-1250	50-2500	50-1250
主轴转速级数 Spindle speeds series		6	12	6
主轴进给量 Spindle feeds	mm/r	0.12 0.18 0.25	0.12 0.18 0.25	0.12 0.18 0.25
工作台面尺寸 Dimension of worktable surface	mm	/	/	540 X 470
工作行程 Table travel	mm	/	/	515
底座尺寸 Dimension of base	mm	635 X 460	690 X 520	635 X 460
总高 Overall height	mm	1400	1450	1760
主电动机 Main motor	W	单相1100 三相1500	单相1100 三相1500	单相1100 三相1500
冷却原电机 Coolant motor	W	-/40	-/40	-/40
毛重/净重 G.W./N.W	kg	300/260	360/320	360/320
包装尺寸 Packing dimension	cm	75x73x150	75x73x156	72x74x192

GEAR HEAD DRILLING & TAPPING MACHINE

齿轮式钻攻两用机床



多轴器(特殊附件)
Multi-spindles
(Special accessories)

ZS-40/ZS-40P



ZS-40HS/ZS-40PS

- 特点:**
- 本机床采用齿轮传动, 传动扭矩大, 适合于各种常用材料上钻、扩、铰孔及攻丝;
 - 本机床有六级变速, 速度范围广, 适合于各种常用的软硬材质的加工;
 - 主轴箱可回转360°, 也可倾斜±45°, 使用方便;
 - 电机经齿轮转动, 克服了皮带打滑的缺点;
 - 本机床可根据用户需求配多轴器进行多孔同时钻、扩、铰、攻。
- Characters:**
- The machine adopt gear driving and the driving moment is strong.
 - The machine has the six series speed variable feature, which can be widely fit for processing to kinds of common hard & soft material.
 - The Head can rotated 360° and can tilted ±45° it reliable and easy job can be done.
 - The motor drive by the gear, which overcome the short coming of the belt skid.
 - According to the customer demand the machine can drill, enlarge, ream and tap the multi-holes by the multi-spindles.

- | | | | |
|--|--|---|--|
| <ul style="list-style-type: none"> 钻夹头 ϕ 16mm 铣刀 ϕ 80mm 锥柄接套 锥柄接杆 下刀铁 扳手 拉杆 | <ul style="list-style-type: none"> Drill chuck ϕ 16mm Cutter ϕ 80mm Taper sleeve Arbor Drift Wrench Drawbar | <ul style="list-style-type: none"> 铣夹头 角度平口钳 眼护罩 机架 | <ul style="list-style-type: none"> Milling chuck Angle vice Safety guard Stand |
|--|--|---|--|

钻攻两用机床 DRILLING & TAPPING MACHINE

- ZS-32HS/ZS-32PS 钻攻两用机特点:**
- 本机床采用皮带传动, 噪音低, 适合于各种常用材料上钻、扩、铰孔及攻丝;
 - 本机床有12级变速, 速度范围广, 适合于各种常用的软硬材质的加工;
 - 主轴箱及工作台均可升降, 也可绕立柱回转, 扩大了加工范围;
 - 机身稳重结实, 工作台面尺寸达 540 X 470 mm;
 - 本机床可根据用户需求配多轴器进行多孔同时钻、扩、铰、攻。

- Drilling & tapping machine characters:**
- The machine adopt belt driving and the noisy low, the machine can drill, enlarge, ream and tap.
 - The machine has the twelve-series speed variable feature, which can be widely fit for processing to kinds of common hard & soft material.
 - The head and table can rise & down freely, the head could also move reverse, enlarge the range of process.
 - The main body is stable & firm, effective working area of table is 540x470mm.
 - According to the customer demand the machine can drill, enlarge, ream and tap the multi-holes by the multi-spindles.

ZS-32HS/ZS-32PS

"H" 不带冷却系统 "H" Without collant systems "P" 带冷却系统 "P" With collant systems

型号 Model	ZS-40/ZS-40P	ZS-40HS/ZS-40PS	ZS-32HS	ZS-32PS
最大钻孔直径 Max. Drilling capacity	mm	铸铁(Cast Iron)40 钢(Steel)32	31.5	31.5
最大攻丝直径 Max. Tapping capacity	mm	铸铁(Cast Iron)M32 钢(Steel)M24	铸铁(Cast Iron)M20 钢(Steel)M16	铸铁(Cast Iron)M20 钢(Steel)M16
立柱直径 Diameter of column	mm	115	115	115
主轴最大行程 Spindle travel	mm	120	120	130
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm	272.5	272.5	202
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm	/	745	790
主轴端至底座工作台面最大距离 Max. Distance spindle nose to base	mm	800	1200	1245
主轴锥度 Spindle taper		MT4	MT4	MT3
主轴转速 Spindle speeds	r/min	95, 170, 280, 540, 960, 1600	100-2150	100-2150
主轴转速级数 Spindle speeds series		68	6	12
工作台面尺寸 Dimension of worktable surface	mm	/	540 X 470	570 X 470
工作行程 Table travel	mm	/	515	515
底座尺寸 Dimension of base	mm	635 X 460/690 X 520	635 X 460	635 X 460
总高 Overall height	mm	1400/1450	1760	1810
电动机 Motor	W	单相750 三相1100	单相750 三相1100	单相1100 三相1500
毛重/净重 G.W./N.W	kg	290/250, 310/270	350/310	345/305
包装尺寸 Packing dimension	cm	75 X 73 X 146	72 X 74 X 186/72 X 74 X 191	80 X 75 X 186

ZS SERIES DRILLING & TAPPING MACHINE

ZS系列钻攻两用机



ZQS4116

ZS4112C/ZS4116B



ZS4120/ZS4125 钻攻两用机



型号 Model	ZQS4116	ZS4112C ZS4116B	ZS4120 ZS4125
最大钻孔/攻丝直径 Max. Drilling/Tapping capacity	mm D:16/T:M12/M10	D:12/T:M10/M8 D:18/T:M12/M10	D:20/T:M20/M16 D:25/T:M24/M20
立柱直径 Diameter of column	mm 70	70	85
主轴最大行程 Spindle travel	mm 85	100	125
主轴中心至立柱母轴距离 Distance spindle axis to column generating line	mm 180	193	240
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 410	315	297/367
主轴端至底座合盖最大距离 Max. Distance spindle nose to base	mm 590	556	560/630
主轴锥度 Spindle taper	MT2	B16/MT2	MT2/MT3
主轴转速范围 Spindle speeds range	r/min 495-2565	480-4100	290-2150
主轴转速级数 Spindle speeds series	12	5	5
工作台面尺寸 Dimension of work table surface	mm 240 X 240 or φ300	200 X 230	280 X 300
底座尺寸 Dimension of base	mm 445 X 270	528 X 360	590 X 375
总高 Overall height	mm 960	1037	1127
电动机 Power of motor	W 550	550/750	750/1100 (6级、6P)
毛重/净重 G.W./N.W	kg 75/65	108/90	165/140
包装尺寸 Packing dimension	cm 70 X 40 X 104	77 X 42 X 95	82 X 48 X 102

SWJ SERIES TAPPING MACHINE

SWJ系列攻丝机



SWJ-16

SWJ-24

标准附件

- 攻丝夹头M6-M16/B18(SWJ-16)
- 攻丝夹头M8-M24/B22(SWJ-24)

Standard accessories

- Tapping chuck M6-M16/B18(SWJ-16)
- Tapping chuck M8-M24/B22(SWJ-24)



SWJ-10B

SWJ-6/SWJ-12

标准附件

- 攻丝夹头

Standard accessories

- Drill chuck

标准附件

- 钻夹头

Standard accessories

- Drill chuck

特点:

- 结构简单, 操作方便;
- 采用机械摩擦离合器使主轴正反转, 大大提高了电机的使用寿命, 工作平稳, 噪音低, 且具有过载保护作用;
- 可连续频繁进行攻丝, 广泛应用于机械制造、仪器仪表、五金工具等行业;
- 工作台面可倾斜, 主轴箱(SWJ-24)及工作台面可升降。

Characters:

- Simple structure and easy operation.
- It uses machinery friction clutch make which prolong the life of motor working stable and low noise and also has the over loading protection function.
- It can tapping continuously widely used at all kinds of machinery, instrument, hard ware tools and so on.



型号 Model	SWJ-10B	SWJ-6/SWJ-12	SWJ-16	SWJ-24
最大攻丝直径 Max. Tapping capacity	mm M12/M10	M6/M5, M12/M8	M16/M12	M24/M20
立柱直径 Diameter of column	mm 50	60	73	70
主轴最大行程 Spindle travel	mm 50(工作台面最大行程 Worktable travel)	40	50	50
主轴中心至立柱母轴距离 Distance spindle axis to column generating line	mm 140	127	183	198
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 310	245/240	485	545
主轴端至底座合盖最大距离 Max. Distance spindle nose to base	mm /	375/370	660	760
主轴锥度 Spindle taper	B16	B10/B16	B18	B22
主轴转速范围 Spindle speeds range	r/min 250/480/800	480/850/260/440/750	240, 380, 570	230, 350, 500
主轴转速级数 Spindle speeds series	3	2/3	3	3
工作台面尺寸 Dimension of worktable surface	mm 200 X 200	196 X 196/235 X 235	270 X 280	280 X 280
底座尺寸 Dimension of base	mm 365 X 254	385 X 215/400 X 250	520 X 310	495 X 375
总高 Overall height	mm 767	800/810	1220	1075
电动机 Power of motor	W 550	375/550	0.75	1.1
毛重/净重 G.W./N.W	kg 74/60	63/43, 70/50	120/102	160/140
包装尺寸 Packing dimension	cm 58 X 37 X 70	58 X 37 X 90	68 X 42 X 128	78 X 48 X 116

HIGH-SPEED ACCURACY BENCH DRILLING MACHINE 高速精密台钻



Z406

Z406B

Z406C

特点:

- 主轴箱、立柱及底座均采用优质铸铁，并经时效处理，稳重结实，经久耐用；
- 高精度，高转速，广泛应用于仪器、仪表及照相机等行业。

Characters:

- Both spindle head, column and base using high quality cast iron, strong and everlasting.
- High precision with excellent feature, widely use at instrument and camera area.

标准附件

- 钻夹头
- 扳手

Standard accessories

- Drill chuck
- Wrench

特殊附件

- 眼护罩
- 平口钳

Special accessories

- Safety guard
- Vice



ZWG-4



ZWG-6

特点:

- 高精度轴承；
- 高主轴转速；
- 优质皮带传动；
- 广泛应用于仪器、仪表及照相机等行业。

Characters:

- High grade bearing.
- High spindle speed.
- High quality belt.
- Widely use at instrument and camera area.

型号 Model	Z406	Z406C	Z406B	ZWG-4	ZWG-6
最大钻孔直径 Max. Drilling capacity	mm 6	6	6	4	6
立柱直径 Diameter of column	mm 50	50	50	40	50
主轴最大行程 Spindle travel	mm 65	65	65	50	55
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 140	140	140	125	140
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm /	/	/	/	/
主轴端至底座台面最大距离 Max. Distance spindle nose to base	mm 225	225	225	200	210
主轴锥度 Spindle taper	B10	B10	B10	B6 or JTO	B10
主轴转速范围 Spindle speeds range	r/min 1400-5800	1400-5800	2000-12000	2800-11500	6700-15000
主轴转速级数 Spindle speeds series	3	3	3	3	3
工作台面尺寸 Dimension of worktable surface	mm /	/	/	/	/
底座尺寸 Dimension of base	mm 380 X 258	380 X 258	380 X 258	190 X 230	250 X 360
总高 Overall height	mm 605	605	605	415	490
电动机 Power of motor	W 250	250	250/370	120	370
毛重/净重 G.W./N.W	kg 48/38	48/38	48/38	32/28	50/40
包装尺寸 Packing dimension	cm 61 X 30 X 54	61 X 30 X 54	61 X 30 X 54	34 X 30 X 60	56 X 30 X 60

INDUSTRIAL TYPE BENCH DRILLING MACHINE 工业台钻



Z512-2/Z516

Z4112A/Z4116A

Z512B/Z516B

特点:

- 主轴箱、立柱及底座均采用优质铸铁，并经时效处理，稳重结实，经久耐用；
- 高精度，高转速，广泛应用于仪器、仪表及照相机等行业。

Characters:

- Both spindle head, column and base using high quality cast iron, strong and everlasting.
- High precision with excellent feature, widely use at instrument and camera area.

标准附件

- 钻夹头
- 微柄接套 (仅MT3主轴)
- 微柄接杆 (仅内锥主轴)
- 下刀铁 (仅内锥主轴)
- 扳手

Standard accessories

- Drill chuck
- Taper sleeve (only MT3 spindle)
- Arbor (only taper hole spindle)
- Drift (only taper hole spindle)
- Wrench

特殊附件

- 眼护罩
- 平口钳

Special accessories

- Safety guard
- Vice



Z4116

Z4120/Z4125

型号 Model	Z512-2/Z516	Z512B/Z516B	Z4112A/Z4116A	Z4116	Z4120/Z4125
最大钻孔直径 Max. Drilling capacity	mm 12.7/16	12.7/16	12.7/16	16	20/25
立柱直径 Diameter of column	mm 70	70	70	85	85
主轴最大行程 Spindle travel	mm 100	100	100	125	125
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 193	193	193	240	240
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 332/326	315	95	297	367
主轴端至底座台面最大距离 Max. Distance spindle nose to base	mm 556/550	556	320	560	630
主轴锥度 Spindle taper	B16/B18	B16/MT2	B16/MT2	MT2	MT2/MT3
主轴转速范围 Spindle speeds range	r/min 480-4100	480-4100	400-4090	365-3150	365-3150
主轴转速级数 Spindle speeds series	5	5	5	5	5
工作台面尺寸 Dimension of table surface	mm 265 X 265	200 X 230	250 X 250	280 X 300	280 X 300
底座尺寸 Dimension of base	mm 528 X 360	528 X 360	495 X 375	590 X 375	590 X 375
总高 Overall height	mm 1037	1037	850	1127	1127
电动机 Power of motor	W 550	550	550/750	750	1100
毛重/净重 G.W./N.W	kg 108/90	108/90	120/102	165/140	165/140
包装尺寸 Packing dimension	cm 77 X 42 X 94	77 X 42 X 94	83 X 42 X 92	82 X 48 X 102	82 X 48 X 102

ZQ SERIES LIGHT TYPE DRILL PRESS ZQ系列轻型钻床

标准附件

- 钻头
- 锥柄接套 (仅MT3主轴)
- 锥柄接杆 (仅内锥主轴)
- 下刀铁 (仅内锥主轴)
- 扳手

Standard accessories

- Drill chuck
- Taper sleeve (only MT3 spindle)
- Arbor (only taper hole spindle)
- Drift (only taper hole spindle)
- Wrench

特殊附件

- 防护罩
- 平口钳

Special accessories

- Safety guard
- Vice



ZQ4113

ZQ4116/ZQ4119

特点:

- 轻便灵活, 可供机加, 修理等行业, 也适用于家庭中修理日用机具等。

Characters:

- Light and flexible, it can be used not only on machine processing, repairing but also DIY repairing and daily use.

ZQ4125/ZQ4132



ZQD4125/ZQD4132

型号 Model	ZQ4113	ZQ4116/ZQ4119	ZQ4125/ZQ4132	ZQD4125/ZQD4132
最大钻孔直径 Max. Drilling capacity	mm 13	16/19	25/31.5	25/31.5
立柱直径 Diameter of column	mm 70	70	85	85
主轴最大行程 Spindle travel	mm 85	85	110	110
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 180	180	200	200
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 390	410	480	390
主轴端至底座台面最大距离 Max. Distance spindle nose to base	mm 570	590	670	1140
主轴锥度 Spindle taper	8/16	MT2	MT3	MT3
主轴转速范围 Spindle speeds range	r/min 495~2565	270~2880	200~2280 150~2270	200~2280 150~2270
主轴转速级数 Spindle speeds series	4	12	9/12	9/12
工作台面尺寸 Dimension of table surface	mm 240X 240 or Φ300	240X 240 or Φ300	280X 280 or Φ360	280X 280 or Φ360
底座尺寸 Dimension of base	mm 445 X 270	445 X 270	566 X 356	566 X 356
总高 Overall height	mm 960	960	1110	1680
电动机 Power of motor	W 370	370/550	750	750
毛重/净重 G.W./N.W	kg 68/65	68/65	105/98	115/108
包装尺寸 Packing dimension	cm 91 X 51.5 X 27	91 X 51.5 X 27	108 X 77 X 34	108 X 77 X 34

DP TYPE DRILL PRESS DP系列钻床

标准附件

- 钻头
- 锥柄接套 (仅MT3主轴)
- 锥柄接杆 (仅内锥主轴)
- 下刀铁 (仅内锥主轴)
- 扳手

Standard accessories

- Drill chuck
- Taper sleeve (only MT3 spindle)
- Arbor (only taper hole spindle)
- Drift (only taper hole spindle)
- Wrench

特殊附件

- 防护罩
- 平口钳

Special accessories

- Safety guard
- Vice

DP20013B(E813B)



DP25013B/25016B
(1013B/1016B)

DP30013B/30016B
(1213B/1216B)

DP34016B/34016F
(1316B/1316F)

型号 Model	DP20013B (E813B)	DP25013B/25016B (1013B/1016B)	DP30013B/30016B (1213B/1216B)	DP34016B/F (1316B/F)
最大钻孔直径 Max. Drilling capacity	mm 13	13/16	13/16	16
立柱直径 Diameter of column	mm 46	60	60	73
主轴最大行程 Spindle travel	mm 50	60	60	80
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 103	127	152.4	168.5
主轴端至工作台面最大距离 Max. Distance spindle nose to table	mm 220	290/300	395/405	435/770
主轴端至底座台面最大距离 Max. Distance spindle nose to base	mm 300	410/420	520/530	680/1250
主轴锥度 Spindle taper	JT33/B16	JT33/MT2	JT33/MT2	MT2
主轴转速范围 Spindle speeds range	r/min 515~2580	515~2580	515~2580 or 180~2740	180~2740
主轴转速级数 Spindle speeds series	5	5	5 or 12	12
工作台面尺寸 Dimension of table surface	mm 160 X 160	200 X 200	220 X 220	254 X 254 or Φ300
底座尺寸 Dimension of base	mm 280 X 185	345 X 210	400 X 250	460 X 270
总高 Overall height	mm 580	720	820	1020/1600
电动机 Power of motor	W 125(1/6HP) or 180(1/4HP)	180(1/4HP) or 250(1/3HP)	180(1/4HP) or 250(1/3HP)	370(1/2HP) Floor: 62/57
毛重/净重 G.W./N.W	kg 21/19	33/30	34/31	Bench: 57/52 Floor: 62/57
包装尺寸 Packing dimension	cm 45 X 33 X 23 or 45 X 36 X 23	57 X 38 X 24	67 X 45 X 28	B: 88 X 46 X 28 F: 140 X 50 X 24
1 X 20' 柜装数量 units per 1 X 20' container	820	540	330	220/160



DP38016B/F
(1516B/F)

DP51025F
(2025F)

DP51025F1
(2025F1)

启智未来

创造钻销技术新典范

DP43020F
(1720F)



型号 Model	DP380B/F (1516B/F)	DP43020F (1720F)	DP51025F (2025F)	DP51025F1 (2025F1)
最大钻孔直径 Max. Drilling capacity	mm 16	20	25	25
立柱直径 Diameter of column	mm 73	80	92	92
主轴最大行程 Spindle travel	mm 80	80	120	120
主轴中心至立柱母线距离 Distance spindle axis to column generating line	mm 193	215	259	259
主轴端至工作面最大距离 Max. Distance spindle nose to table	mm 440/750	725	630	630
主轴端至底座合面最大距离 Max. Distance spindle nose to base	mm 700/1230	1215	1110	1110
主轴锥度 Spindle taper	MT2	MT2	MT3	MT3
主轴转速范围 Spindle speeds range	r/min 180-2740	160-3000	120-3480	120-3480
主轴转速级数 Spindle speeds series	12	16	12	12
工作台面尺寸 Dimension of work table surface	mm 305X305 or φ300	355 X 355	425 X 475	425 X 475
底座尺寸 Dimension of base	mm 460 X 270	498 X 285	580 X 450	580 X 450
总高 Overall height	mm 1020/1600	1635	1640	1640
电动机 Power of motor	W 370(1/2HP)	550(3/4HP) or 750(1HP)	750(1HP) or 1110(1.5HP)	750(1HP) or 1110(1.5HP)
毛重/净重 G.W/N.W	kg Bench:60/55 Floor:65/60	90/85	150/144	150/144
包装尺寸 Packing dimension	cm B:88 X 48 X 28 F:140 X 50 X 24	142 X 54 X 28.5	144 X 64 X 32	144 X 64 X 32
1 X 20' 装箱数量 units per 1 X 20' container/cracking dimension	220/160	128	93	93

Φ400mm TYPE SHAPE CUTTER(CUT OFF SAW)

Φ400mm系列型材切割机



J3GA-400

特点:

- 床身及底座均采用优质铸铁, 稳重结实, 经久耐用;
- 手柄上可配非自锁开关, 安全可靠;
- 底座上配有滚轮, 移动方便; 也可用地脚螺栓将底座固定, 工作更加可靠;
- 采用优质纤维增强砂轮片, 安全可靠。

Characters:

- Both the body and base use high quality cast iron, strong and everlasting.
- The handle can match for special switch, safety and reliable.
- There are wheels on base which can moving easily. And using bolts fasten the base enable working more reliable.
- Using high quality fiber strengthen grinding flat, safety and reliable.



J3GB-400

J3GE-400

Φ400mm系列型材切割机 Φ400mm TYPE SHAPE CUTTER(CUT OFF SAW)

特点:

- 床身及底座均采用优质铸铁, 稳重结实, 经久耐用;
- 手柄上可配非自锁开关, 安全可靠;
- 底座上配有滚轮, 移动方便;
- 采用优质纤维增强砂轮片, 安全可靠。

Characters:

- Both the body and base use high quality cast iron, strong and everlasting.
- The handle can match for special switch, safety and reliable.
- There are wheels on base which can moving easily.
- Using high quality fiber strengthen grinding flat, safety and reliable.

型号 Model	J3GA-400	J3GB-400	J3GE-400
电动机 Motor	kW 3(4HP)	2.2(3HP)	2.5kW/3.5HP(1-phase) 3kW/4HP(3-phase)
主轴空载转速 Spindle no-load speed	r/min 2280	2280	2280
砂轮片空载线速度 Emery wheel no-load line speed	m/s 48	48	48
砂轮片安全线速度 Emery wheel safety line speed	m/s 60	60	60
纤维增强砂轮片 Fiber strengthen grinding flat	mm Φ400XΦ32X3.2or Φ400XΦ25.4X3.2	Φ400XΦ32X3.2or Φ400XΦ25.4X3.2	Φ400XΦ32X3.2or Φ400XΦ25.4X3.2
最大切削能力 Cutting Ability (mm)	钢管 Steel tube Φ135 X 6 角钢 Angle iron 100 X 10 槽钢 Channel steel 126 X 53 圆钢 Round-bar steel Φ50	Φ135 X 6 100 X 10 126 X 53 Φ50	Φ135 X 6 100 X 10 126 X 53 Φ50
夹钳可转角度 Tongs rotary angle	° ±45°	±45°	±45°
底座尺寸 Dimension of base	mm 540 X 320	520 X 290	650 X 340
毛重/净重 G.W/N.W	kg 80/70	60/57 (carton) 65/57 (wood case)	95/80
包装尺寸 Packing dimension	cm 75 X 44 X 62	75 X 44 X 52 (carton) 75 X 40 X 52 (wood case)	80 X 46 X 59 (1-phase) 80 X 44 X 59 (3-phase)



Φ400mm系列型材切割机 Φ400mm TYPE SHAPE CUTTER(CUT OFF SAW)

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| <p>特点:</p> <ul style="list-style-type: none"> 床身及底座均采用优质铸铁, 稳重结实, 经久耐用; 手柄上可配非自锁开关, 安全可靠; 底座上配有滚轮, 移动方便; 采用优质纤维增强砂轮片, 安全可靠。 | <p>Characters:</p> <ul style="list-style-type: none"> Both the body and base use high quality cast iron, strong and everlasting. The handle can match for special switch, safety and reliable. There are wheels on base which can moving easily. Using high quality fiber strengthen grinding flat, safety and reliable. |
|--|---|

型号 Model	J3GC-400	J3GD-400
电动机Motor	kW 2.2(3HP)	3(4HP)
主轴空载转速Spindle no-load speed	r/min 2280	2280
砂轮片空载线速度Emery wheel no-load line speed	m/s 48	48
砂轮片安全线速度Emery wheel safety line speed	m/s 60	60
纤维增强砂轮片Fiber strengthen grinding flat	mm Φ400XΦ32X3.2or Φ400XΦ25.4X3.2	Φ400XΦ32X3.2or Φ400XΦ25.4X3.2
最大切割能力 Cutting Ability (mm)	钢管Steel tube 角钢Angle iron 槽钢Channel steel 圆钢Round-bar steel	Φ135 X 6 100 X 10 126 X 53 Φ50
夹钳可转角度Tongs rotary angle	° ±45°	±45°
底座尺寸Dimension of base	mm 525 X 275	530 X 310
毛重/净重G.W./N.W	kg 63/60	75/65
包装尺寸Packing dimension	cm 67 X 41 X 59	72 X 44 X 58



Φ400mm系列型材切割机 Φ400mm TYPE SHAPE CUTTER(CUT OFF SAW)

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|--|--|
| <p>特点:</p> <ul style="list-style-type: none"> 床身及底座均采用优质铸铁, 稳重结实, 经久耐用; 手柄上可配非自锁开关, 安全可靠; 底座上配有滚轮, 移动方便; 也可用地脚螺栓将底座固定, 工作更加可靠; 采用优质纤维增强砂轮片, 安全可靠。 | <p>Characters:</p> <ul style="list-style-type: none"> Both the body and base use high quality cast iron, strong and everlasting. The handle can match for special switch, safety and reliable. There are wheels on base which canmoving easily. Using high quality fiber strengthen grinding flat, safety and reliable. |
|--|--|

型号 Model	J3GG-400	J3GH-400	J3GI-400
电动机Motor	kW 2.2(3HP)	3(4HP)	4(5HP)
主轴空载转速Spindle no-load speed	r/min 2280	2280	2280
砂轮片空载线速度Emery wheel no-load line speed	m/s 48	48	48
砂轮片安全线速度Emery wheel safety line speed	m/s 60	60	60
纤维增强砂轮片Fiber strengthen grinding flat	mm Φ400XΦ32X3.2or Φ400XΦ25.4X3.2	Φ400XΦ32X3.2or Φ400XΦ25.4X3.2	Φ400XΦ32X3.2or Φ400XΦ25.4X3.2
最大切割能力 Cutting Ability (mm)	钢管Steel tube 角钢Angle iron 槽钢Channel steel 圆钢Round-bar steel	Φ135 X 6 100 X 10 126 X 53 Φ50	Φ135 X 6 100 X 10 126 X 53 Φ50
夹钳可转角度Tongs rotary angle	° 0-45°	±45°	±45°
底座尺寸Dimension of base	mm 540 X 320	645 X 350	755 X 400
毛重/净重G.W./N.W	kg 60/52	98/88	130/115
包装尺寸Packing dimension	cm 70 X 44 X 57	83 X 54 X 64	89 X 54 X 64



十字拖板
ZX7020(CT4916)

ZX7025(CT5519)

特殊附件
Special accessories



无级调速卧式走刀器
Horizontal speed variable power table feed

无级调速立式走刀器
Vertical speed variable power table feed

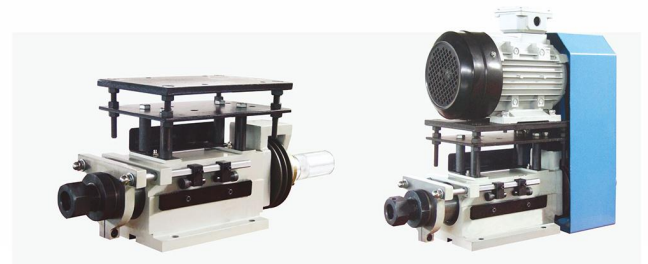


ZX7025A(CT6420)

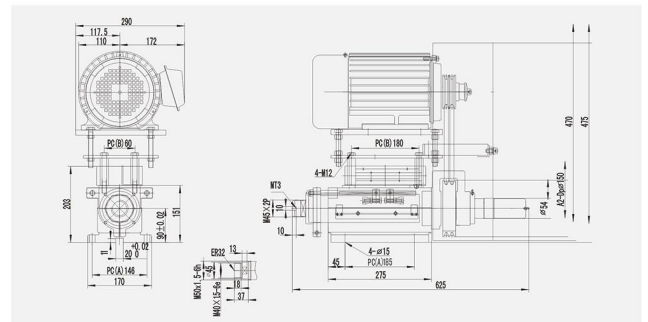


CT9032

型号 Model	ZX7020 (CT4916)	ZX7025 (CT5519)	ZX7025A (CT6420)	CT9032
工作台尺寸(纵向X横向)W Dimension of worktable	mm 495 X 165	555 X 195	640 X 205	900 X 320
工作台纵向行程 Longitudinal travel of worktable	mm 210	240	370	400
工作台横向行程 Transverse travel of worktable	mm 100	140	150	320
底座尺寸(纵向X横向)W Dimension of base	mm 260 X 280	335 X 315	238 X 320	650 X 400
安装孔槽中心距(纵向X横向) Distance of mounting bores/slots	mm 180 X 140	260 X 170	288	360 X 320
安装孔槽尺寸 Size of mounting Boles/Slots	mm 4-Φ13孔(Hole)	4-Φ13孔(Hole)	2-12腰形槽(Slot)	4-Φ15
毛重/净重 G.W./N.W	kg 40/36	50/45	65/60	280/250
包装尺寸 Packing dimension	cm 69 X 44 X 20	76 X 53 X 20	95 X 50 X 25	118 X 82 X 34



导螺杆攻牙动力头 GUIDE SCREW TAPPING HEAD



GTH7-80

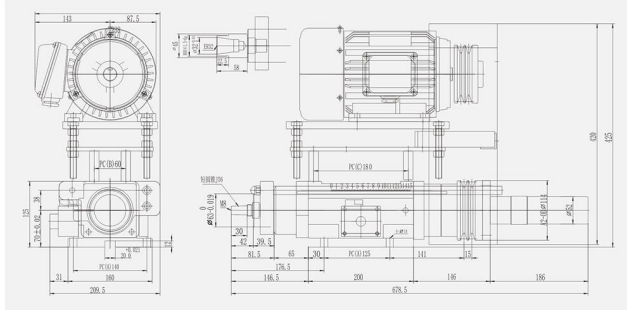
型号 Model	GTH7-80
最大攻牙能力 Max.Tapping Capacity	mm M30
主轴锥度 Spindle taper	MT3或ER32
主轴行程 Spindle travel	mm 80
主轴转速 Spindle speeds	r/min 客户指定(Customer specified)
螺攻行程 Screw thread travel	mm 0.7-2.5
主轴传动 Spindle transmission	导螺杆(Guide screw)



油压钻孔动力头 OIL PRESSURE DRILLING HEAD

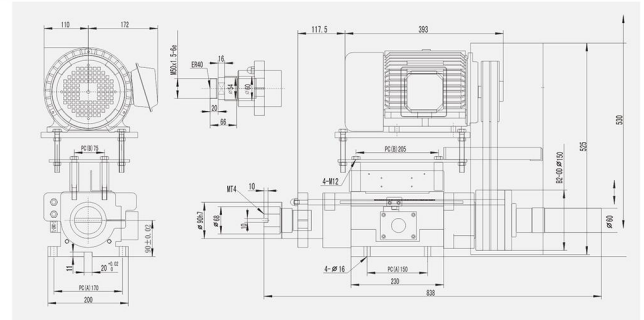


油压钻孔动力头 OIL PRESSURE DRILLING HEAD



ODH6-130

型号 Model	ODH6-130	
最大钻孔能力 Max. Drilling Capacity	mm	φ15
主轴锥度 Spindle taper		JT6或ER32
主轴行程 Spindle travel	mm	125
主轴转速 Spindle speeds	r/min	客户指定(Customer specified)
油缸直径 Diameter of oil tank	mm	φ75
使用压力 Work pressure	cm	Kg/cm ² 20-35



ODH8-150

型号 Model	ODH8-150	
最大钻孔能力 Max. Drilling Capacity	mm	φ35
主轴锥度 Spindle taper		MT4或ER40
主轴行程 Spindle travel	mm	140
主轴转速 Spindle speeds	r/min	客户指定(Customer specified)
油缸直径 Diameter of oil tank	mm	φ110
使用压力 Work pressure	kg/cm ²	20-35

MULTI-SPINDLE
DRILLING HEAD
多轴器

