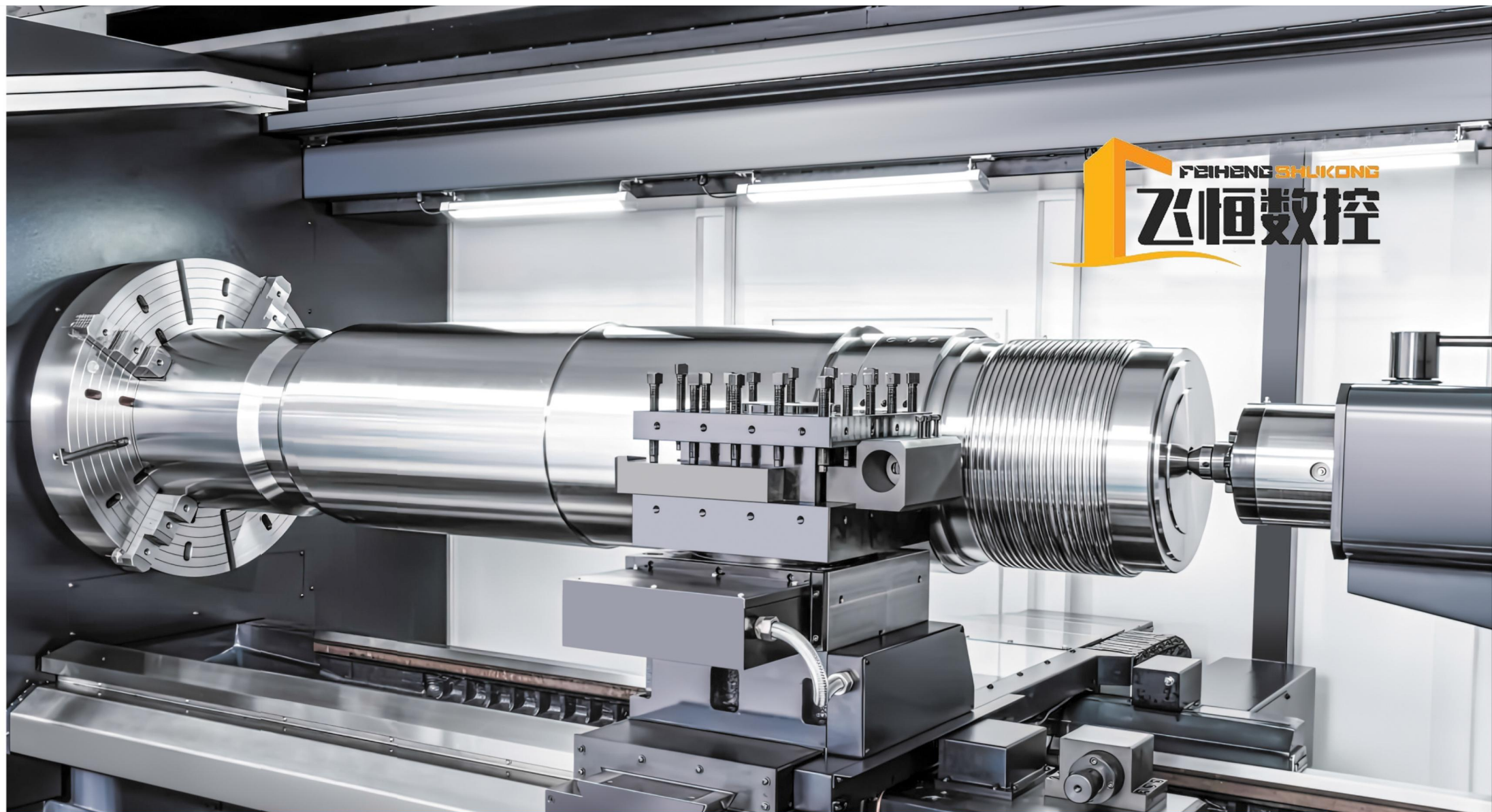




Professional manufacturer of
CNC machinery and accessories
专业数控机床及数控配件制造商

邢台飞恒数控机床有限公司

Xingtai Feiheng CNC Machine Tool Co., Ltd.



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邢台飞恒数控机床有限公司

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邢台飞恒数控机床有限公司始建于2011年，专业生产数控机床及数控配件，公司拥有雄厚的技术力量，高精度的加工设备，严格的检测流程和科学的管理体系，目前数控机床设备主要有：CK6163、CK6186、CK61125、QK数控管螺纹车床、斜轨(RCK系列)大型数控车床等数控设备，并已形成数控机床制造、各种数控配件的生产及销售等专业化布局。

公司自创建以来，凭借“质量第一、诚信为本、不断创新、追求卓越”的经营理念和完善的服务体系，迅速发展成为国内知名的集生产、销售、服务为一体的专业数控设备生产企业。并与多家客户建立了长期的合作关系，并不断加强员工技术培训，提高技术水平，把科技注入产品，力争为客户制造更优质、更实惠的产品。

本着“客户第一、诚信至上”的生产理念和原则，坚持“追求一流”的质量方针，产品设计合理，优质选材，做工精良。在机床事业蓬勃发展的今天和竞争激烈的市场考验中，我们高度注重产品的质量，以诚实可信、认真负责的积极态度服务于广大用户，迅速成为一家具有竞争力的专业机床企业。

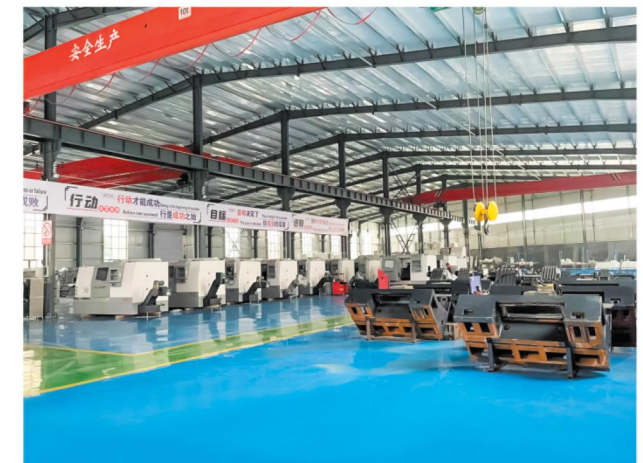
未来，公司将继续奉行“客户为先，质量为本”的企业方针，与新老合作伙伴积极合作，共谋发展，共创辉煌。

XINGTAI FEIHENG CNC MACHINERY CO., LTD. was founded in 2011, specializing in the production of CNC machine tools and CNC accessories. The company has a strong technical force, high-precision processing equipment, strict testing process and scientific management system. At present, CNC machine tools mainly include: CK6163, CK6186, CK61125, QK CNC pipe thread lathe, inclined rail (RCK series) large CNC lathe and other CNC equipment, and has formed CNC machine tool manufacturing Professional layout of production and sales of various CNC accessories.

Since its establishment, the company has rapidly developed into a domestic well-known professional CNC equipment manufacturer integrating production, sales and service, relying on the business philosophy of "quality first, honesty based, continuous innovation, and pursuit of excellence" and a perfect service system. We have established long-term cooperative relations with a number of customers, and have continuously strengthened technical training for employees, improved technical level, injected technology into products, and strived to make better and more affordable products for customers.

In line with the production concept and principle of "customer first, honesty first" and the quality policy of "pursuing first-class", the product design is reasonable, high-quality materials are selected, and the workmanship is excellent. In today's booming machine tool industry and the fierce competition in the market test, we attach great importance to the quality of products, serve the vast number of users with an honest, credible, serious and responsible attitude, and quickly become a competitive professional machine tool enterprise.

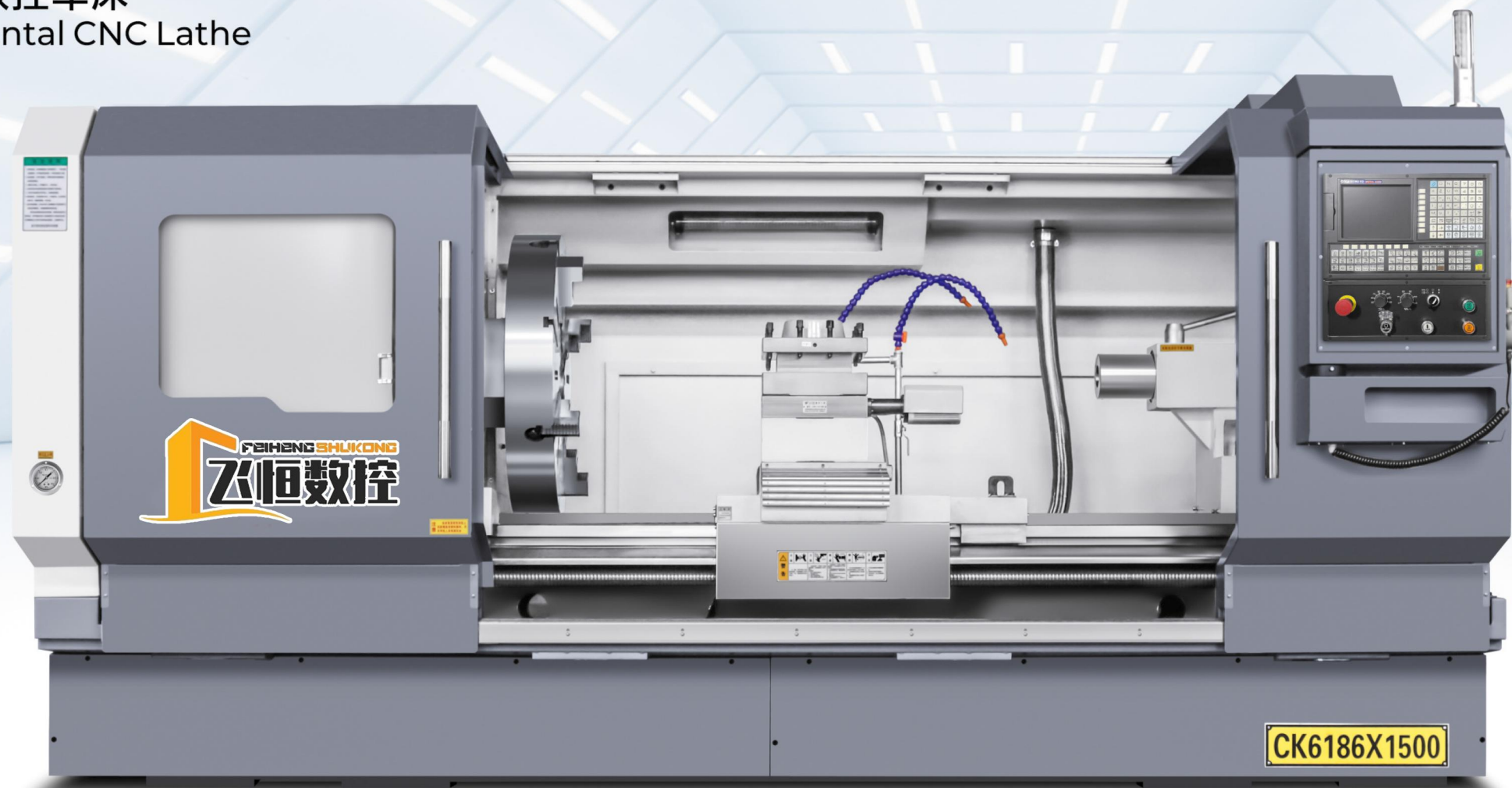
In the future, the company will continue to adhere to the enterprise policy of "customer first, quality first", actively cooperate with new and old partners, seek common development and create brilliance.



CK6163/6186

卧式数控车床
Horizontal CNC Lathe

FEIHENG SHUKONG
飞恒数控



标准配置 / Standard configuration

- ◆ 床身床脚
- ◆ 变频调速主轴系统
- ◆ 15KW主电机及变频器
- ◆ 四工位电动刀架
- ◆ 三爪卡盘
- ◆ 伺服进给传动系统
- ◆ 自动润滑系统
- ◆ 冷却系统
- ◆ 手动尾座
- ◆ 电器控制系统
- ◆ 数控系统（广数）
- ◆ 半封闭防护罩

- ◆ Bed foot
- ◆ Variable frequency speed control spindle system
- ◆ 15KW main motor and frequency converter
- ◆ Four-station electric tool holder
- ◆ Three-jaw chuck
- ◆ Servo feed transmission system
- ◆ Automatic lubrication system
- ◆ Cooling system
- ◆ Manual tailstock
- ◆ Electrical control system
- ◆ CNC system (GSK)
- ◆ Semi-closed protective cover

可选配置 / Optional configuration

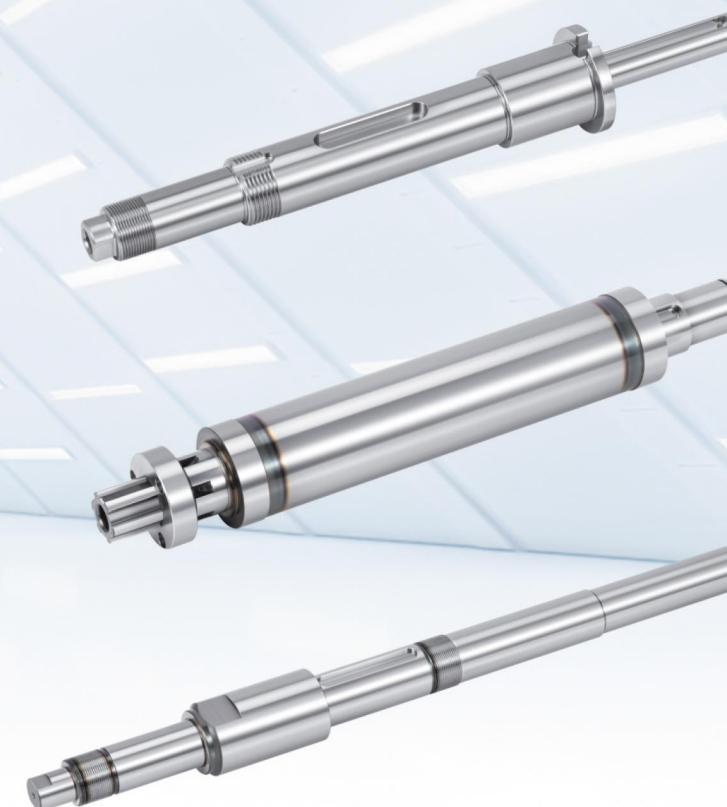
- ◆ 六工位电动刀架
- ◆ 中心架、跟刀架
- ◆ 数控系统（广州数控、发那科、西门子等）
- ◆ 三爪卡盘（液压/气动）
- ◆ 6-station electric tool holder
- ◆ Center frame and tool holder
- ◆ CNC system (GSK, FANUC, SIEMENS, etc.)
- ◆ Three-jaw chuck (hydraulic/pneumatic)

项目	ITEM	单位 / Unit	CK6163	CK6186
NC系统	NC system		KND2000 / 广数GSK(Broad number) 980TDI (可选配 / Optional)	
最大承重 (一夹一顶)	Max. load-bearing capacity (one clip and one tail top)	KG	2500	
床身最大回转直径	Max. turning diameter of bed	mm	630	860
刀架最大回转直径	Max. rotation diameter of tool holder	mm	320	540
床身导轨宽度	Width of bed guide rail	mm	550 (分体 / split-type)	600 (整体 / Integrated)
X/Z向快移速度	X/Z direction fast moving speed	mm/min	6000 / 8000	
X/Z向最小进给增量	Min. feed increment in X/Z direction	mm	0.001/0.001	
最大工件长度	Max. workpiece length	mm	1000 / 1500 / 2000 / 3000 / 4000 / 5000~12000	
最大车削长度	Max. turning length	mm	950 / 1450 / 2950 / 3950 / 4950~11950	
主轴端部代号	Spindle end code		A2-11	
卡盘 (手动)	Chuck (manual)		Φ 400 (三爪/Three-jaw) / Φ 630 (单动四爪/Single-acting three-jaw)	
主轴通孔直径	Diameter of main shaft through hole	mm	105 (可选 130)	
主轴前端锥孔	Spindle front end conical hole		120 / 140	
主轴转速级数	Spindle speed series		手动四档 (可选液压四档) Manual fourth gear (Optional hydraulic fourth gear)	
尾座套筒直径	Diameter of tailstock sleeve	mm	100	130
尾座套筒最大行程	Max. stroke of tailstock sleeve	mm	250 (标配 / Standard configuration)	
尾座套筒锥孔	Tailstock sleeve taper hole		莫氏6号 / Mohs 6#	
主轴转速	Spindle speed	rpm/min	30~80 / 53~150 / 125~350 / 300~835	
刀架形式	Tool holder form		立式四工位或六工位 / Vertical four-station or six-station	
主电机功率	Main motor power	KW	15 (变频 / Frequency conversion)	
整机重量 (加工长度1000/1500/2000/3000mm)	Weight (processing length 1000/1500/2000/3000mm)	KG	4200	5000/5400/6000/6800
机器尺寸(长×宽×高) (加工长度1000/1500/2000/3000mm)	Size (L × W × H) (processing length 1000/1500/2000/3000mm)	mm	3800 × 2200 × 2200	3500/4000/4500/5500 × 2200 × 2200

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CK6110/61125 (700)

卧式数控车床
Horizontal CNC Lathe



标准配置 / Standard configuration

- ◆ 床身床脚
- ◆ 变频调速主轴系统
- ◆ 22KW主电机及变频器
- ◆ 四工位电动刀架
- ◆ 三爪卡盘
- ◆ 伺服进给传动系统
- ◆ 自动润滑系统
- ◆ 冷却系统
- ◆ 手动尾座
- ◆ 电器控制系统
- ◆ 数控系统 (广数)
- ◆ 半封闭防护罩

- ◆ Bed foot
- ◆ Variable frequency speed control spindle system
- ◆ 22KW main motor and frequency converter
- ◆ Four-station electric tool holder
- ◆ Three-jaw chuck
- ◆ Servo feed transmission system
- ◆ Automatic lubrication system
- ◆ Cooling system
- ◆ Manual tailstock
- ◆ Electrical control system
- ◆ CNC system (GSK)
- ◆ Semi-closed protective cover

可选配置 / Optional configuration

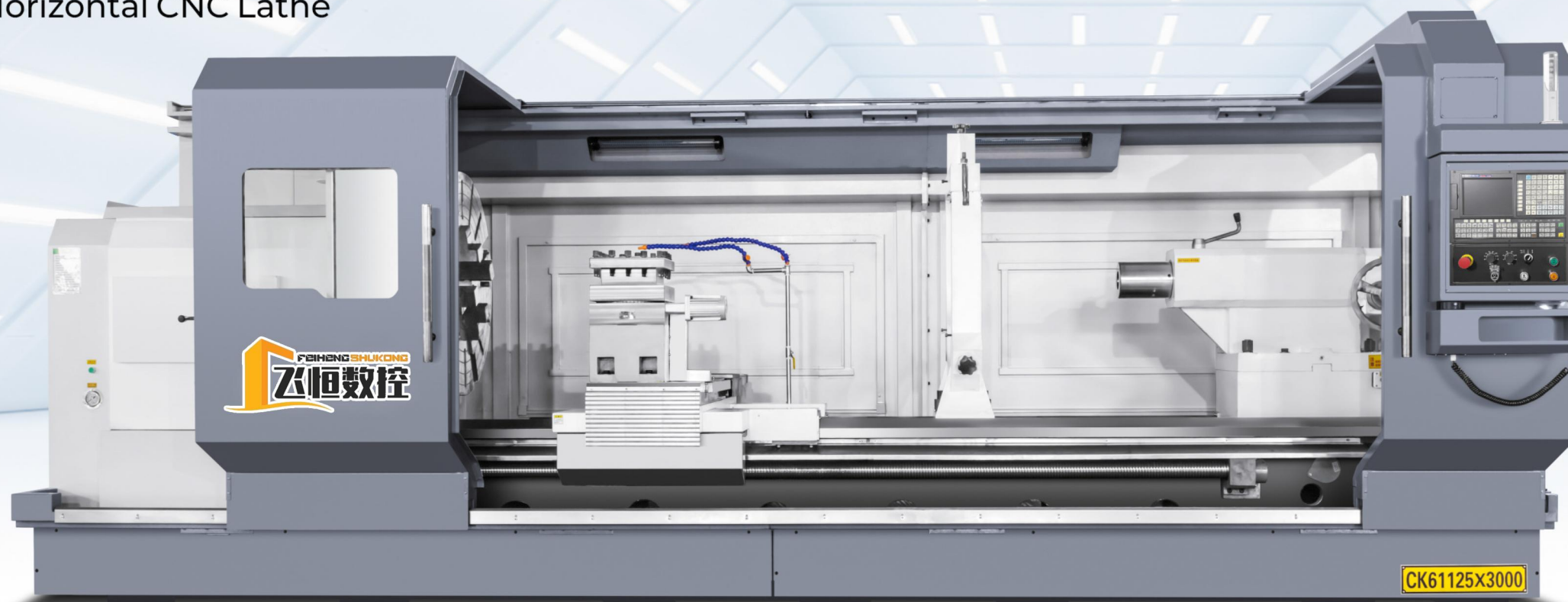
- ◆ 六工位电动刀架
- ◆ 中心架、跟刀架
- ◆ 数控系统 (广州数控、发那科、西门子等)
- ◆ 三爪卡盘 (液压/气动)
- ◆ 6-station electric tool holder
- ◆ Center frame and tool holder
- ◆ CNC system (GSK, FANUC, SIEMENS, etc.)
- ◆ Three-jaw chuck (hydraulic/pneumatic)

项目	ITEM	单位 / Unit	CK61110	CK61125 (700)
NC系统	NC system		KND2000 / 广数GSK(Broad number) 980TDI (可选配 / Optional)	
最大承重	Max. load-bearing capacity	KG	3500	
床身最大回转直径	Max. turning diameter of bed	mm	1100	1250
刀架最大回转直径	Max. rotation diameter of tool holder	mm	720	870
床身导轨宽度	Width of bed guide rail	mm	700 (整体 / Integrated)	700 (整体 / Integrated)
X/Z向快移速度	X/Z direction fast moving speed	mm/min	5000 / 6000	5000 / 6000
X/Z向最小进给增量	Min. feed increment in X/Z direction	mm	0.001/0.001	
最大工件长度	Max. workpiece length	mm	1000 / 1500 / 2000 / 3000 / 4000 / 5000 ~ 12000	
最大车削长度	Max. turning length	mm	850 / 1350 / 2850 / 3850 / 4850 ~ 11850	
主轴端部代号	Spindle end code		A2-11	
卡盘 (手动)	Chuck (manual)		Φ630 (单动四爪/Single-acting three-jaw)	
主轴通孔直径	Diameter of main shaft through hole	mm	105 / 130	
主轴前端锥孔	Spindle front end conical hole		120 / 140	
主轴转速级数	Spindle speed series		手动四档 (可选) / 液压四档 (可选) Manual fourth gear (Optional) / Hydraulic fourth gear (Optional)	
尾座套筒直径	Diameter of tailstock sleeve	mm	130	
尾座套筒最大行程	Max. stroke of tailstock sleeve	mm	250 (标配 / Standard configuration)	
尾座套筒锥孔	Tailstock sleeve taper hole		莫氏6号 / Mohs 6#	
主轴转速	Spindle speed	rpm/min	30~80 / 53~150 / 125~350 / 300~835	
刀架形式	Tool holder form		立式四工位或六工位 / Vertical four-station or six-station	
主电机功率	Main motor power	KW	22	
整机重量(加工长度1000/1500/2000/3000mm)	Weight (processing length 1000/1500/2000/3000mm)	KG	6000/6500/7000/8000	6400/6800/7600/8600
机器尺寸(长×宽×高)(加工长度1000/1500/2000/3000mm)	Size (L × W × H) (processing length 1000/1500/2000/3000mm)	mm	3500 × 2300 × 2200	3500/4000/4500/5500 × 2300 × 2200

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CK61100/61145/61160

卧式数控车床
Horizontal CNC Lathe



项目	ITEM	单位 / Unit	CK61100/61125/61145/61160
NC系统	NC system		KND2000 / 广数GSK(Broad number) 980TDI (可选配 / Optional)
最大承重	Max. load-bearing capacity	KG	6000
床身最大回转直径	Max. turning diameter of bed	mm	1000 / 1250 / 1450 / 1600
伺服电机	Servo motor	nm	30 / 15
刀架最大回转直径	Max. rotation diameter of tool holder	mm	600 / 850 / 1050 / 1250
X中拖板宽度	X-direction middle carriage width	mm	450
床身上部导轨宽度	Width of upper guide rail of bed	mm	800
主轴端部	Spindle end	-	ISO(GB) A2-15
主轴通孔直径	Diameter of main shaft through hole	mm	130
主轴转速	Spindle speed	-	10~32; 30~60; 50~120; 110~300
主轴	Spindle	-	手动换挡(四档) / Manual shift (fourth gear)
拖板Z向最小移动速度	Min. moving speed of carriage in Z-direction	mm/min	0.001
拖板X向最小移动速度	Min. moving speed of carriage in X-direction	mm/min	0.001
拖板Z向行程	Z-direction travel of carriage	mm	1500 / 2000 / 3000 / 4000 / 5000 ~12000
拖板X向行程	X-direction travel of carriage	mm	700
X向定位精度	X-direction positioning accuracy	mm	0.015
Z向定位精度	Z-direction positioning accuracy	mm	0.02
X向重复定位精度	X-direction repetitive positioning accuracy	mm	0.01
Z向重复定位精度	Z-direction repetitive positioning accuracy	mm	0.01
最大加工长度	Max. machining length	mm	1300 / 1800 / 2800 / 3800 / 4800 ~11800
拖板X/Z向快速移动速度	Rapid moving speed of carriage in X/Z direction	mm/min	6000
尾座套筒直径	Diameter of tailstock sleeve	mm	160
尾座套筒锥孔	Tailstock sleeve taper hole	-	公制80 / Metric 80
尾座套筒最大行程	Max. stroke of tailstock sleeve	mm	300
主电机功率	Main motor power	KW	30
电动刀架重复定位精度	Repetitive positioning accuracy of electric tool rest	mm	0.002
整机重量(加工长度1500/2000/3000mm)	Weight (processing length 1500/2000/3000mm)	KG	CK61125 / 9500 / 10500 / 12500 (CK61125)
机器尺寸(长×宽×高)(加工长度1500/2000/3000mm)	Size (L × W × H) (processing length 1500/2000/3000mm)	mm	4600/5100/6100/7600 × 2400 × 2400

标准配置 / Standard configuration

- ◆ 整体床身
- ◆ 冷却系统
- ◆ 30KW主电机及变频器
- ◆ 电动尾座
- ◆ 四工位电动刀架
- ◆ 电器控制系统
- ◆ 1000单动四爪
- ◆ 数控系统(广数)
- ◆ 伺服进给传动系统
- ◆ 半封闭防护罩
- ◆ 自动润滑系统

- ◆ Integral bed
- ◆ Cooling system
- ◆ 30KW main motor and frequency converter
- ◆ Electric tailstock
- ◆ Four-position electric tool holder
- ◆ Electrical control system
- ◆ 1000 Single-acting four-jaw
- ◆ CNC system (GSK)
- ◆ Servo feed transmission system
- ◆ Semi-closed protective cover
- ◆ Automatic lubrication system

可选配置 / Optional configuration

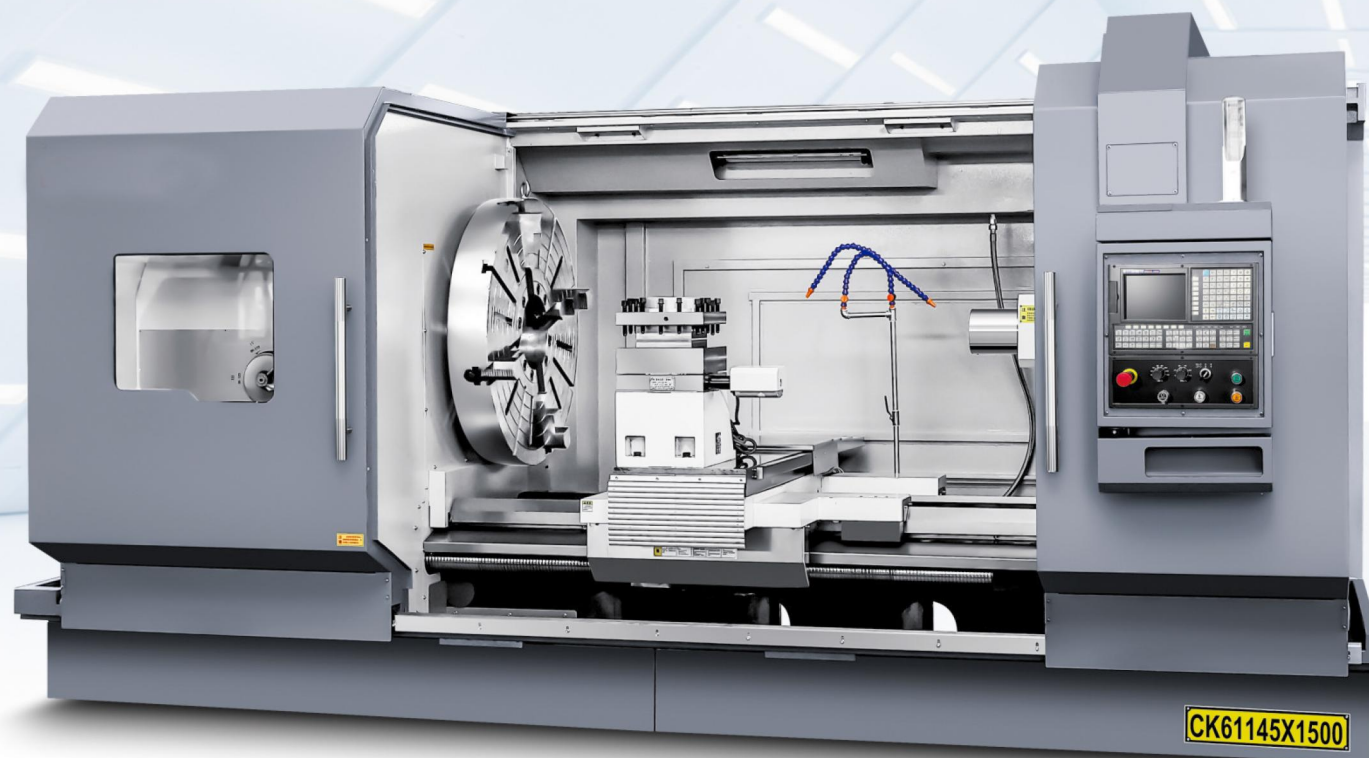
- ◆ 六工位电动刀架
- ◆ 中心架、跟刀架
- ◆ 数控系统(广州数控、发那科、西门子等)
- ◆ 三爪卡盘(液压/气动)
- ◆ 6-station electric tool holder
- ◆ Center frame and tool holder
- ◆ CNC system (GSK, FANUC, SIEMENS, etc.)
- ◆ Three-jaw chuck (hydraulic/pneumatic)

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CK61145/61160/61180 (1100)

卧式数控车床 Horizontal CNC Lathe



标准配置 / Standard configuration

- ◆ 整体床身
- ◆ 冷却系统
- ◆ 30KW主电机及变频器
- ◆ 电动尾座
- ◆ 四工位电动刀架
- ◆ 电器控制系统
- ◆ 1000单动四爪
- ◆ 数控系统（广数）
- ◆ 伺服进给传动系统
- ◆ 半封闭防护罩
- ◆ 自动润滑系统
- ◆ Integral bed
- ◆ Cooling system
- ◆ 30KW main motor and frequency converter
- ◆ Electric tailstock
- ◆ Four-position electric tool holder
- ◆ Electrical control system
- ◆ 1000 Single-acting four-jaw
- ◆ CNC system (GSK)
- ◆ Servo feed transmission system
- ◆ Semi-closed protective cover
- ◆ Automatic lubrication system

可选配置 / Optional configuration

- ◆ 六工位电动刀架
- ◆ 中心架、跟刀架
- ◆ 数控系统（广州数控、发那科、西门子等）
- ◆ 三爪卡盘（液压/气动）
- ◆ 6-station electric tool holder
- ◆ Center frame and tool holder
- ◆ CNC system (GSK, FANUC, SIEMENS, etc.)
- ◆ Three-jaw chuck (hydraulic/pneumatic)

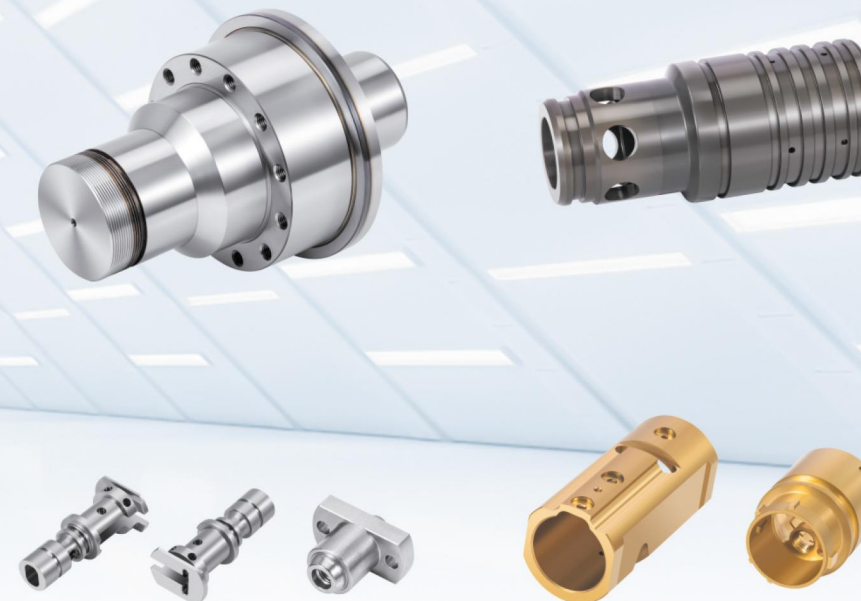


项目	ITEM	单位 / Unit	CK61145/CK61160/CK61180(1100)
NC系统	NC system		KND2000 / 广数GSK(Broad number) 980TDI (可选配 / Optional)
最大承重（一夹一顶）	Max. load-bearing capacity (one clip and one tail top)	KG	16000
床身最大回转直径	Max. turning diameter of bed	mm	1250 / 1450 / 1600 / 1800
伺服电机	Servo motor	nm	30/15
刀架最大回转直径	Max. rotation diameter of tool holder	mm	850 / 1050 / 1200 / 1400
X中拖板宽度	X-direction middle carriage width	mm	500
床身上部导轨宽度	Width of upper guide rail of bed	mm	1100
主轴端部	Spindle end	-	ISO(GB) A2-20
主轴通孔直径	Diameter of main shaft through hole	mm	130
主轴转速	Spindle speed	-	10~32; 30~60; 50~120; 110~300
主轴	Spindle	-	手动换挡（四档）/ Manual shift (fourth gear)
拖板Z向最小移动速度	Min. moving speed of carriage in Z-direction	mm/min	0.001
拖板X向最小移动速度	Min. moving speed of carriage in X-direction	mm/min	0.001
拖板Z向行程	Z-direction travel of carriage	mm	1500 / 2000 / 3000 / 4000 / 5000 / 6000 ~ 12000
拖板X向行程	X-direction travel of carriage	mm	800
X向定位精度	X-direction positioning accuracy	mm	0.015
Z向定位精度	Z-direction positioning accuracy	mm	0.02
X向重复定位精度	X-direction repetitive positioning accuracy	mm	0.01
Z向重复定位精度	Z-direction repetitive positioning accuracy	mm	0.01
最大加工长度	Max. machining length	mm	1300 / 1800 / 2800 / 3800 / 4800 / 5800 ~ 11800
拖板X/Z向快速移动速度	Rapid moving speed of carriage in X/Z direction	mm/min	6000
尾座套筒直径	Diameter of tailstock sleeve	mm	260 (内置回转/Built in rotation)
尾座套筒锥孔	Tailstock sleeve taper hole	-	公制80 / Metric 80
尾座套筒最大行程	Max. stroke of tailstock sleeve	mm	300
主电机功率	Main motor power	KW	45
电动刀架重复定位精度	Repetitive positioning accuracy of electric tool rest	mm	0.002
整机重量 (CK61145 × 1500/2000/3000)	Weight (CK61145 × 1500/2000/3000)	KG	13000 / 14000 / 16000
机器尺寸(长×宽×高) (CK61145 × 1500/2000/3000)	Size (L × W × H) (CK61145 × 1500/2000/3000)	mm	4600/5100/6100/7100/8100 × 2600 × 2500 (CK61145)

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RCK56/65

斜床身数控车床
Inclined Bed CNC Lathe



项目	ITEM	单位 / Unit	RCK56	RCK65
床身最大回转直径	Max. turning diameter of bed	mm	540 / 630	
拖板最大回转直径	Max. turning diameter of carriage	mm	380 / 480	
最大加工长度	Max. machining length	mm	550 / 950 / 1450	
主轴端部形式	Spindle end form	GB59001	A2-8 (可选 A2-11)	
主轴通孔直径	Diameter of main shaft through hole	Φ/mm	82 / 88 / 105	
最大棒料通过直径	Max. bar passing diameter	Φ/mm	67 / 75	
主轴转速	Spindle speed	rpm/min	20~2200 / 20~1400	
主轴换挡方式	Spindle shift mode	-	无级变速 / Stepless speed change	
主电机功率 (连续值)	Main motor power (continuous value)	KW	15~18	
卡盘形式 (标配/选配)	Chuck type (Standard/Optional)	-	液压中实卡盘 / Hydraulic intermediate solid chuck	
卡盘直径	Chuck diameter	mm	10" (标配 / Standard configuration) (台湾宝丽 / Taiwan PRONA)	
丝杆	Screw rod	P2/C3	X4010P2, Z4010P2, 汉江(Hanjiang) / X4010C3, Z4010C3, 台湾(Taiwan)	
规	Wire gauge	35/45mm	重型滚柱结构(台湾上银等) / Heavy roller structure (Taiwan HIWIN, etc.)	
主轴轴承	Spindle bearing	P4	NTN / NSK	
X/Z轴快移速度	X/Z axis fast moving speed	mm/min	18000 / 18000	
X/Z轴伺服电机扭矩	X/Z axis servo motor torque	n/m	15	
X轴行程	X-axis travel	mm	320	
Z轴行程	Z-axis travel	mm	600 / 1000 / 1500	
刀架形式	Tool holder form	-	台湾品牌液压伺服刀架 (8工位, 中心高80/100mm)	
切刀/镗刀尺寸	Cutter/Boring tool size	mm	25 / 32, 40	
尾座套筒直径/行程	Diameter/stroke of tailstock sleeve	mm	100 / 120	
尾座形式	Tailstock form	-	液压 / Hydraulic pressure	
尾座套筒锥度	Tailstock sleeve taper	-	莫氏5号 / Mohs 5#	
排屑器形式 (选配)	Chip conveyor type (optional)	-	选配 / Optional	
整机重量 (600/1000/1500mm)	Weight (600/1000/1500mm)	KG	5000/5400/5800	5300/5800/6200
机器尺寸(长×宽×高) (600/1000/1500mm)	Size (L × W × H) (600/1000/1500mm)	mm	3200/3800/4200 × 1800 × 2200	3200/3800/4200 × 2000 × 2200

标准配置 / Standard configuration

- ◆ 伺服主轴系统
- ◆ 15KW主轴伺服电机
- ◆ 8工位液压伺服刀塔
- ◆ 10寸中实三爪卡盘
- ◆ 总线伺服系统
- ◆ 高压冷却系统
- ◆ 液压尾座
- ◆ KND2000系统 / 广州数控
- ◆ 全封闭防护罩
- ◆ 自动排屑机

- ◆ Servo spindle system
- ◆ 15KW spindle servo motor
- ◆ 8-station hydraulic servo turret
- ◆ 10" medium solid three jaw chuck
- ◆ Bus servo system
- ◆ High pressure cooling system
- ◆ Hydraulic tailstock
- ◆ KND2000 / GSK
- ◆ Fully enclosed protective cover
- ◆ Automatic chip removal machine

可选配置 / Optional configuration

- ◆ 8工位液压伺服刀塔
- ◆ 数控系统 (广州数控、发那科、西门子等)
- ◆ 三爪卡盘中空 (液压/气动)
- ◆ 8-station hydraulic servo turret
- ◆ CNC system (GSK, FANUC, SIEMENS, etc.)
- ◆ Three-jaw chuck hollow (hydraulic/pneumatic)

产品规格以实物为准, 若有变更恕不另行通知。Product specifications are subject to physical objects without prior notice if there are any changes.

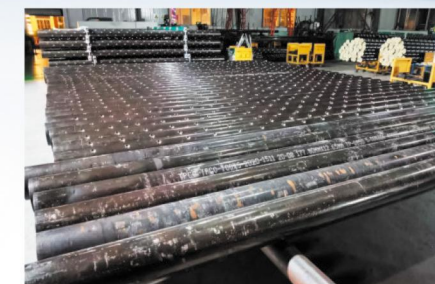
QK1319/1322/1327

数控管螺纹车床 CNC Pipe Thread Lathe



数控管螺纹车床是为了适应我国的油田、地质、采矿、化工及农业排灌等部门的使用而专门设计的。使用数控管螺纹车床，较普通车床经济方便，高效地完成各种直管螺纹、锥管螺纹的切削加工，例如管接头、结杆、套管、管道管、矿井管、水泵管等，考虑到石油地质、采矿、化工及农排灌部门的特点，本机床还可加工各种英制、公制、模数螺纹、车削各种轴类、盘类零件，起到普通车床的作用，数控管螺纹车床确为石油、地质、化工、农业部门的理想机床。

The CNC pipe thread lathe is specially designed to adapt to the use of oil fields, geology, mining, chemical engineering, and agricultural drainage and irrigation departments in China. The use of CNC pipe thread lathe is more economical and convenient than ordinary lathes, and it efficiently completes the cutting and processing of various straight pipe threads and taper pipe threads, such as pipe joints, connecting rods, casings, pipeline pipes, mine pipes, water pump pipes, etc. Considering the characteristics of petroleum geology, mining, chemical engineering, and agricultural drainage and irrigation departments, this machine tool can also process various inch, metric, modulus threads, and turn various shaft and disc parts, playing the role of an ordinary lathe, CNC pipe thread lathe is indeed an ideal machine tool for petroleum, geological, chemical, and agricultural sectors.



标准配置 / Standard configuration

- ◆ 整体车身
- ◆ 11KW/15KW主电机及变频器
- ◆ 四工位电动刀架
- ◆ 手动前后四爪卡盘
- ◆ 伺服进给传动系统
- ◆ 自动润滑系统
- ◆ 冷却系统
- ◆ 手动尾座
- ◆ 电器控制系统
- ◆ 数控系统（广数）
- ◆ 半封闭防护罩

可选配置 / Optional configuration

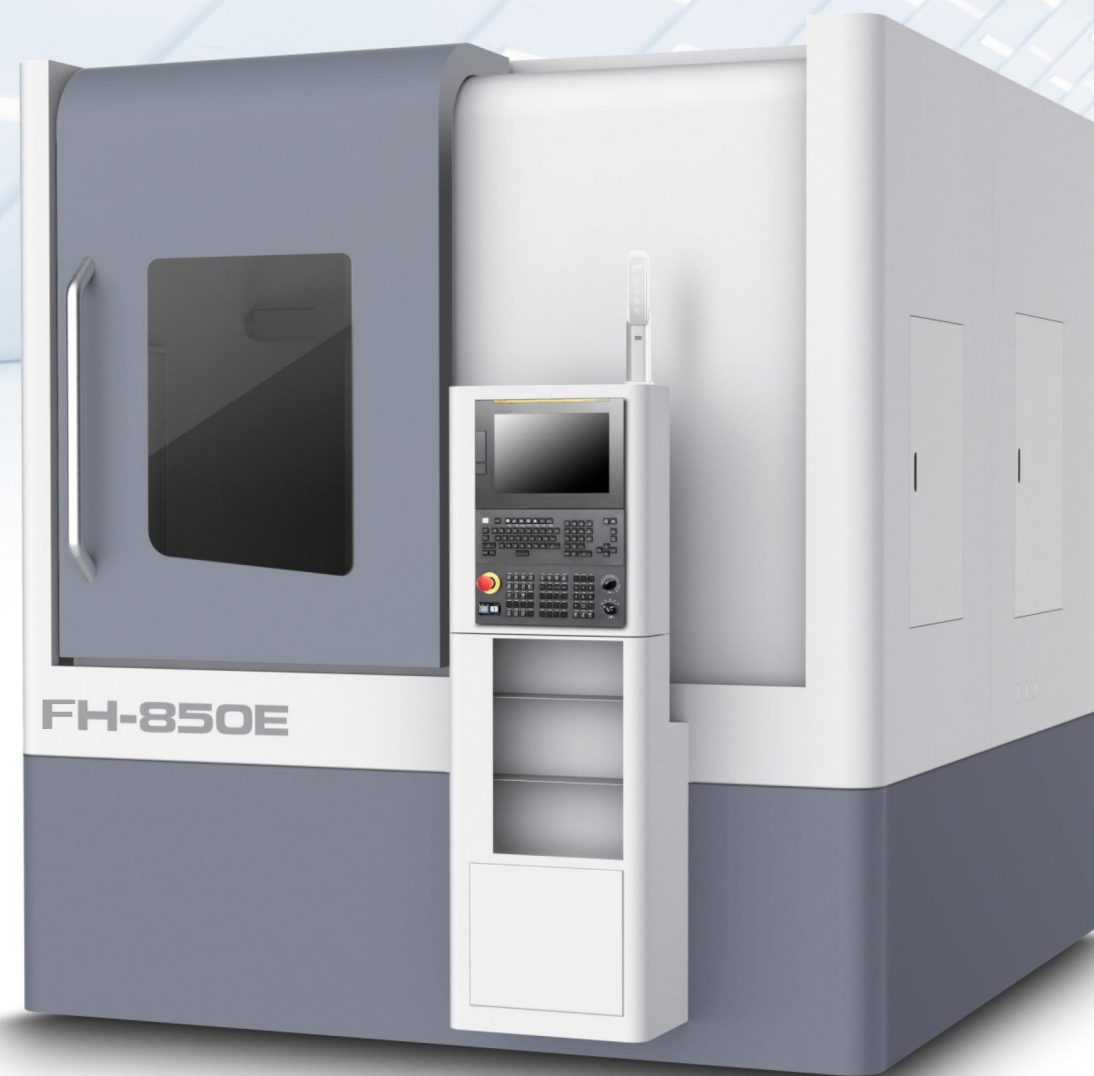
- ◆ 六工位电动刀架
- ◆ 中心架、跟刀架
- ◆ 数控系统（广州数控、发那科、西门子等）
- ◆ 三爪卡盘（液压/气动）
- ◆ 6-station electric tool holder
- ◆ Center frame and tool holder
- ◆ CNC system (GSK, FANUC, SIEMENS, etc.)
- ◆ Three-jaw chuck (hydraulic/pneumatic)

项目	ITEM	单位 / Unit	QK1319	QK1322	QK1327
NC系统	NC system		KND2000 / 广数GSK(Broad number) 980TDI (可选配 / Optional)		
最大工件长度	Max. workpiece length	mm	1500 / 2000 / 3000		
最大车削长度	Max. turning length	mm	1300 / 1800 / 2800		
床身最大回转直径	Max. turning diameter of bed	mm	800	800	800
刀架最大回转直径	Max. rotation diameter of tool holder	mm	480	480	480
床身宽	Bed width	mm	分体(split-type) 550	600	600
主轴通孔直径	Diameter of main shaft through hole	mm	196	227	280
主轴变速方式	Spindle speed change mode	-	手动换挡 (2档) / Manual shift (Two gear)		
前后卡盘两端距离	Distance between two ends of front and rear chuck	mm	1300	1300	1500
尾座套筒直径	Diameter of tailstock sleeve	mm	100	130	130
尾座套筒最大直径	Max. diameter of tailstock sleeve	mm	250		
尾座套筒锥孔	Tailstock sleeve taper hole		莫氏6号 / Mohs 6#		
自动润滑间隔时间	Automatic lubrication interval	min	12 (可调 / Adjustable)		
冷却泵功率	Cooling pump power	W	125		
X轴电机型号	X-axis motor model		130SJT-M075D 10N/M		
Z轴电机型号	Z-axis motor model		130SJT-M150B 15N/M		
主电机型号	Main motor model	KW	11	15	15
快速移动速度	Fast moving speed		X轴(X-axis) 6m/min / Z轴(Z-axis) 8m/min		
刀架形式	Tool holder form		立式四工位或六工位 / Vertical 4-station or 6-station		
机床电源	Power supply		三相(3-phase) 380V (-15~+10%) 50Hz		
主轴转速	Spindle speed	rpm/min	25-95 / 96-382		
整机重量 (1500/2000/3000mm)	Weight (1500/2000/3000mm)	KG	4400/4800/5600	5400/6000/7000	5800/6400/7400
机器尺寸(长×宽×高) (1500/2000/3000mm)	Size (L × W × H) (1500/2000/3000mm)	mm	3800 × 2200 × 2200	4200/4900/5600/6400/7400 × 2200 × 2200	

产品规格以实物为准，若有变更恕不另行通知。Product specifications are subject to physical objects without prior notice if there are any changes.

FH-450E/650E/850E/1000E

数控高速立式车床
CNC High-speed Vertical Lathe



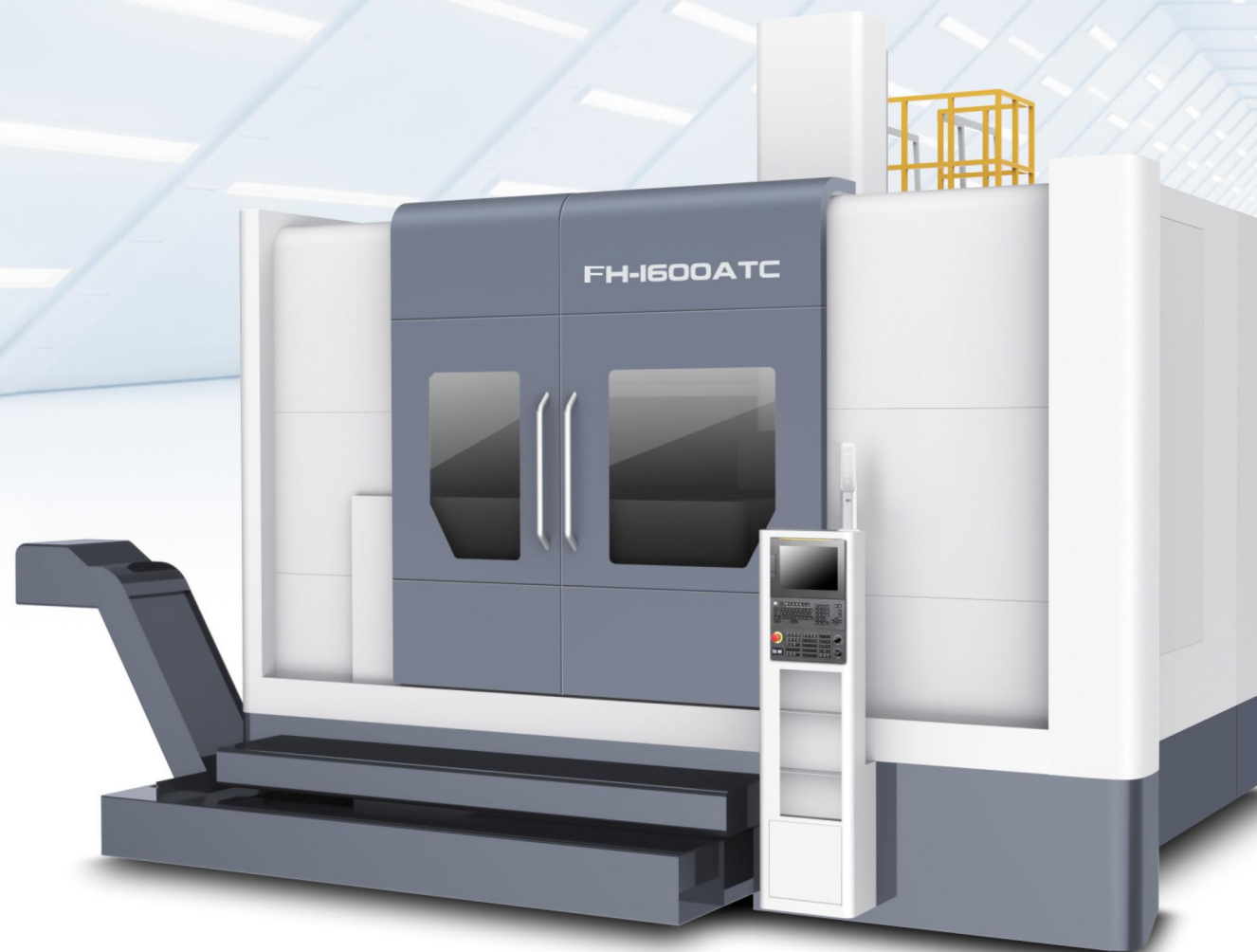
- ◆ 机床采用先进的铸铁和箱体结构设计制造，近四方的设计使稳定性及刚性达到最大。
- ◆ 适用于大、薄、重及不规则形状的加工物，上下工件容易。
- ◆ 避免惯性造成椭圆加工，展现极近真圆度的精度。
- ◆ 立体组装线符合人体工程学的操作性，工件搬送容易。
- ◆ Adopting advanced cast iron and box structure design and manufacturing, the nearly square design maximizes stability and rigidity.
- ◆ Suitable for processing large, thin, heavy, and irregularly shaped objects, with easy up and down work pieces.
- ◆ Avoid inertia causing elliptical machining and demonstrate accuracy close to true roundness.
- ◆ The three-dimensional assembly line conforms to ergonomic operability and is easy to transport workpieces.

项目 / ITEM		单位 / UNIT	FH-450E	FH-650E	FH-850E	FH-1000E
机械能力 / Machine Capability						
三爪油压夹头	Three jaw hydraulic chuck	Inch	15" × 3 爪	18" × 3 爪	21" × 3 爪	24" × 3 爪
最大旋径	Max. diameter of rotation	mm	650	810	950	1300
最大切削直径	Max. cutting diameter	mm	550	700	860	1080
最大切削高度	Max. cutting height	mm	450	520	730	830
最大加工物重量	Max. processing weight	Kg	800	800	1600	1800
移动量 / Mechanical travel						
左右 (X轴) 行程	Left and right (X-axis) stroke	mm	-15, +290	-15, +360	-40, +500	-40, +610
上下 (Z轴) 行程	Up and down (Z-axis) stroke	mm	500	550	750	850
主轴 / Spindle						
主轴轴承直径	Spindle bearing diameter	mm	130	130	160	200
主轴鼻端	Spindle nose end		2-8	2-8	2-11	2-11
主轴转速 Spindle speed	低速档 Low gear	min ⁻¹	1-600	1-550	1-400	1-300
	高速档 High gear	min ⁻¹	1-2500	1-2500	1-2000	1-1500
主轴最大扭力	Max. spindle torque	N.m (Kgf-m)	860	860	3850	3850
进给速度 / Feed Speed						
X轴快速进给	X-axis rapid feed	m/min	20	20	20	20
Z轴快速进给	Z-axis rapid feed	m/min	20	20	20	20
刀塔 / Power Turret						
刀塔型式	Power turret type		E	E	E	E
刀具数量	Number of cutting tools	pcs	8 / 12	8 / 12	12	12
刀具尺寸	Tool size	mm	32/32, Ø50	32/32, Ø50	32/32, Ø50	32/32, Ø50
FANUC马达 / FANUC Motor						
主轴马达	Spindle motor	KW	18.5/22	18.5/22	18.5/22	18.5/22
X轴伺服马达	X-axis servo motor	KW	3	3	3	4
Z轴伺服马达	Z-axis servo motor	KW	7	7	7	7
油压马达	Oil pressure motor	KW	2.2	2.2	2.2	2.2
切削水泵马达	Cutting water pump motor	KW	1.5 × 2	1.5 × 2	1.5 × 2	1.5 × 2
机电系统 / Electromechanical System						
控制系统	Control system		OI-TF	OI-TF	OI-TF	OI-TF
动力需求	Power supply	KVA	40	40	45	45
容量 / Capacity						
油箱	Oil pressure box	L	45	45	50	45
切削水箱	Cutting water tank	L	170	170	180	180
润滑油箱	Lubricating oil tank	L	2	2	2	2
其他 / Others						
机械重量	Weight	Kg	9000	10000	12500	17000
机械尺寸 (长 × 宽 × 高)	Machine size (L × W × H)	mm	3300 × 1950 × 3000	3350 × 2000 × 3100	3600 × 2300 × 3400	3850 × 2500 × 3650

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FH-1250/1600/2000/2500/3500/4000 ATC

数控重切削立式车床 CNC Heavy Cutting Vertical Lathe



项目 / ITEM		单位 / UNIT	FH-1250ATC	FH-1600ATC	FH-2000ATC	FH-2500ATC	FH-3500ATC	FH-4000ATC
机械能力 / Machine Capability								
卡盘直径	Chuck diameter	mm	1250	1600	2000	2500	3500	4000
最大旋径	Max. diameter of rotation	mm	1600	2000	2500	3000	3900	4500
最大切削直径	Max. cutting diameter	mm	1600	2000	2500	2800	3800	4400
最大切削高度	Max. cutting height	mm	1200	1200	1600	1600	2200	2200
最大加工物重量	Max. processing weight	Kg	5000	8000	15000	15000	35000	35000
移动量 / Mechanical travel								
左右 (X轴) 行程	Left and right (X-axis) stroke	mm	-500, +1000	-700, +1200	-1100, +1400	-1250, +1600	-1600, +2200	-1800, +2400
上下 (Z轴) 行程	Up and down (Z-axis) stroke	mm	900	900	1200	1200	1500	1500
横梁行程	Cross beam travel	mm	800 (200 × 4)	800 (200 × 4)	1200 (200 × 6)	1200 (200 × 6)	1600 (200 × 8)	1600 (200 × 8)
主轴 / Spindle								
主轴轴承直径	Spindle bearing diameter	mm	580	685	1028.7	1028.7	1879.6	1879.6
主轴转速 Spindle speed	低速档 Low gear	min ⁻¹	1-60	1-50	1-35	1-35	1-33	1-33
	高速档 High gear	min ⁻¹	1-350	1-300	1-160	1-150	1-75	1-75
主轴最大扭力	Max. spindle torque	N.m (Kgf-m)	13500	18400	68000	68000	98000	98000
进给速度 / Feed Speed								
X轴快速进给	X-axis rapid feed	m/min	12	12	10	10	10	10
Z轴快速进给	Z-axis rapid feed	m/min	10	10	10	10	10	10
刀塔 / Power Turret								
刀塔型式	Power turret type		ATC	ATC	ATC	ATC	ATC	ATC
刀具数量	Number of cutting tools	pcs	12	12	12	12	12	12
刀具尺寸	Tool size	mm	32/32, Ø50	32/32, Ø50	32/32, Ø50	32/32, Ø50	32/32, Ø50	32/32, Ø50
FANUC马达 / FANUC Motor								
主轴马达	Spindle motor	KW	37/45	37/45	60/75	60/75	90/110	90/110
X轴伺服马达	X-axis servo motor	KW	6	6	6	6	9	9
Z轴伺服马达	Z-axis servo motor	KW	9	9	9	9	9	9
油压马达	Oil pressure motor	KW	3.75	3.75	3.75	3.75	3.75	3.75
切削水泵马达	Cutting water pump motor	KW	4.6 / 1.5	4.6 / 1.5	4.6 / 1.5	4.6 / 1.5	4.6 / 1.5	4.6 / 1.5
机电系统 / Electromechanical System								
控制系统	Control system		OI-TF	OI-TF	OI-TF	OI-TF	OI-TF	OI-TF
动力需求	Power supply	KVA	60	60	80	80	130	130
容量 / Capacity								
油箱	Oil pressure box	L	80	85	85	85	85	85
切削水箱	Cutting water tank	L	450	470	520	550	650	700
润滑油箱	Lubricating oil tank	L	4	4	4	4	4	4
其他 / Others								
机械重量	Weight	Kg	31500	34000	50500	53500	109000	130000
机械尺寸 (长 × 宽 × 高)	Machine size (L × W × H)	mm	5300 × 6300 × 5350	5450 × 7300 × 5200	6950 × 8100 × 6600	7250 × 8400 × 6850	8500 × 13000 × 8600	8700 × 14500 × 8750

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- ◆ 机体设计符合人体工程学，操作方便。
- ◆ 机体采用高级米汉纳铸铁制成，经烧炖处理及时效处理后再加工，确保长久不变形，可达到高效率、高刚性、高速化、高稳定性、满足金属加工及模具加工之需求。
- ◆ 滑轨经研磨后再精细铲花处理，滑块平均支撑设计，在加工切削时，绝对平稳，可获得最佳精度表现。
- ◆ 交叉滚柱轴承，提升工作台稳定性，启动力矩低。
- ◆ The machine design conforms to ergonomics and is easy to operate.
- ◆ The machine body is made of high-grade mihanna cast iron, which is processed after being stewed and aged to ensure long-term deformation. It can achieve high efficiency, high rigidity, high-speed, high stability, and meet the needs of metal processing and mold processing.
- ◆ After grinding, the slide rail is finely chipped, and the slide block is designed with an average support. During machining and cutting, it is absolutely stable and can achieve the best accuracy performance.
- ◆ Cross roller bearings, improve stable operation of the workbench, and have low starting torque.