

CK6140A 數控車床

CK6140A CNC LATHE

北京京仪世纪自动化设备有限公司

BEIJING JINGYI CENTURY AUTOMATIC EQUIPMENT CO.,LTD.



北京仪表机床厂

BEIJING INSTRUMENT MACHINE TOOL WORKS

数控车床

CK6140A CNC LATHE

用途与特点

CK6140A 数控车床主要适用于盘、套、短轴类零件高效、精密加工。

机床床身平置，X、Z向导轨采用预负荷直线滚动导轨。滚珠丝杠采用双端固定，支承采用滚珠丝杠专用角接触球轴承。主传动及进给传动系统均采用无间隙联结方式，机床采用动力夹盘。

机床采用刀排装夹刀具，也可配置电动刀架。机床采用全封闭防护，结构紧凑，占地面积小。滚动直线导轨副，滚珠丝杠副均采用自动周期润滑，使日常的维护保养简单方便。

机床数控采用交流伺服系统，依客户需要可配置不同的数控系统。主轴电机采用交流变频调速电机或交流伺服电机，可实现恒线速切削。

该机床具备 C 轴功能，配备不同的动力刀座可实现径向、轴向孔加工及铣削功能。

USES AND CHARACTERISTICS

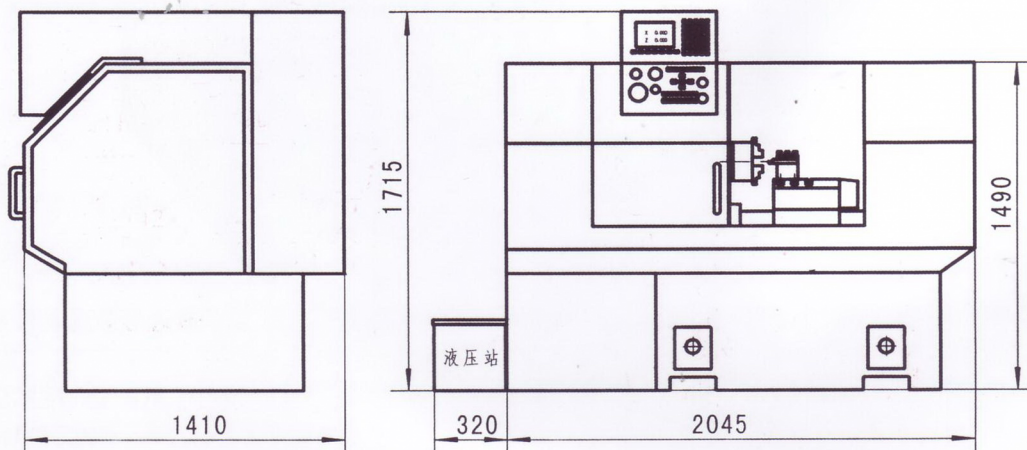
CK6140A CNC lathe is available in trays, collets and short spindles, with highly efficient and accurate working.

The lathe body is arranged horizontal. The X and Z direction guide ways are all adopt with pre-loading rolling guide way. The ballscrew supporter is adopted with special angular contact ball bearing in two ends, the main drive and feed drive system are both contacted without interval. The lathe is adopted with motor chuck.

The lathe is fitted with line tool carrier, or can be fitted with motor tool carrier. It is protected entirely closed and designed compactedly, with small area. The rolling lineal guideway and the ball leading screw are both lubricated periodically, and it makes daily maintenance simple and convenient.

The CNC system is adopted with Servo system and can be fitted with different CNC system according to customers' requests. The spindle drive system is alternative by variable frequency motor or Ac servo spindle, which realized permanent speed turning.

The lathe can work as axis C, and can be use for machining hole (radial or axial) and milling when it fitted with different motor tool carrier.



机床外形图

机床加工范围 Lathe Working Range	切削直径	Turning diameter(mm)	φ 160
	床身上回转直径	Swing over bed(mm)	φ 400
	X 向行程	X-Axis travel(mm)	390
	Z 向行程	Z-Axis travel(mm)	360
	快速移动	Rapid traverse(m/min)	8
主轴 Spindle	主轴端部	Spindle nose	A2-5
	夹盘直径 (中空)	Diameter of chuck(hollow)(mm)	φ 160
	主轴孔径	Spindle bore(mm)	φ 55
	棒料通过直径	Diameter of stick material	φ 47
	主轴转速	Spindle speed(r/min)	50-4500
	主轴内锥孔	Spindle taper	6# 莫氏锥
刀具系统 Tool System	刀具截面	Size of tool(mm)	20X20
电机功率 Motor Power	主电机功率	Spindle drive power(kw)	4
	Z 向伺服电机	Z-Axis servo motor(kw)	1
	X 向伺服电机	X-Axis servo motor(kw)	1
	冷却泵电机	Coolant pump motor(kw)	0.25
	液压泵电机	Hydraulic pressure pump motor(kw)	1.5
位置精度 Position Accuracy	重复定位精度	Repeatability positioning accuracy(mm)	X:0.004 Z:0.004
	定位精度	Positioning accuracy(mm)	X:0.008 Z:0.008
可选功能项 Optional Function Item	伺服主轴电机	Servo spindle motor(kw)	3.7/5.5
	C 轴功能	The function of C axis	
数控系统功能 (三菱、西门子、发那科) Function of CNC Control(MITSUBISHI、SIMENS、FANUC)	最小设定单位	Least input increment	X:0.0005 Z:0.001
	控制轴数	Axes Controlled	3
	联动轴数	Axes simultaneously moved	2
	可直线插补, 圆弧插补	Lineal and arc interpolation(mm)	
	螺纹切削—可变螺纹切削, 刚性攻丝	Screw turning-variable screw turning,rigidity leading screw	
	刀具长度补偿, 刀具位置补偿, 刀具半径补偿	Tool length compensation, Tool position compensation, Tool radius compensation	
	坐标系设定—自动坐标系, 机械坐标系, 工作坐标系, 局部坐标系	Definition of coordination system:automatic,mechanic, running,partly	
	机械精度补偿—反向间隙补偿, 螺距误差补偿	Mechanic accuracy offset--reverse interval and screw error offset	
	输入输出接口—RS232C	Input and output interface--RS232C	
机床重量 (kg)	weigh		2000
机床外形 (长×宽×高)	Overall dimensions(L × W × Hmm)		2365 × 1410 × 1715

标准附件(随主机供应)

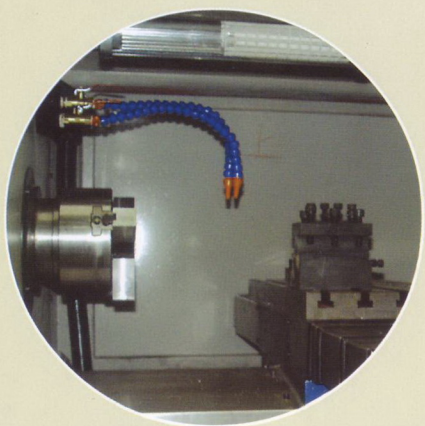
Standard Equipment (With main machine supply)

- (1) 中空卡盘 (含软爪) Pneumatic chuck(Including soft jaw)
- (2) 切削冷却装置 Coolant device
- (3) 机内照明装置 work lamp
- (4) 切屑箱 Swarf tank
- (5) 液动力装置 Hydraulic motor device

选择附件

Optional Equipment

- (1) 专用夹具及弹簧夹头、专用拉杆
Special chuck and Spring collets、Special drawing arbors
- (2) 孔刀杆用刀套 Tool collet in hole tool arbor
- (3) 棒料拔出装置 Drawing equipment of stick material
- (4) 三色警示灯 Alarm light (3 color)
- (5) 排屑机 discharge filings machine



北京京仪世纪自动化设备有限公司

BEIJING JINGYI CENTURY AUTOMATIC EQUIPMENT CO.,LTD.

地 址: 北京永外宋家庄苇子坑2号

邮 编: 100078

销售处: (010)67621142 67627287

传 真: (010)67613286

网 址: www.chinabyj.com

E-mail: byj@chinabyj.com

Address: No.2 Weizikeng, Songjiazhuang, Yongding Men Wai, Beijing, China

Postcode: 100078

Sale Department: (010)67621142 67627287

Fax: (010)67613286

<http://www.chinabyj.com>

E-mail: byj@chinabyj.com