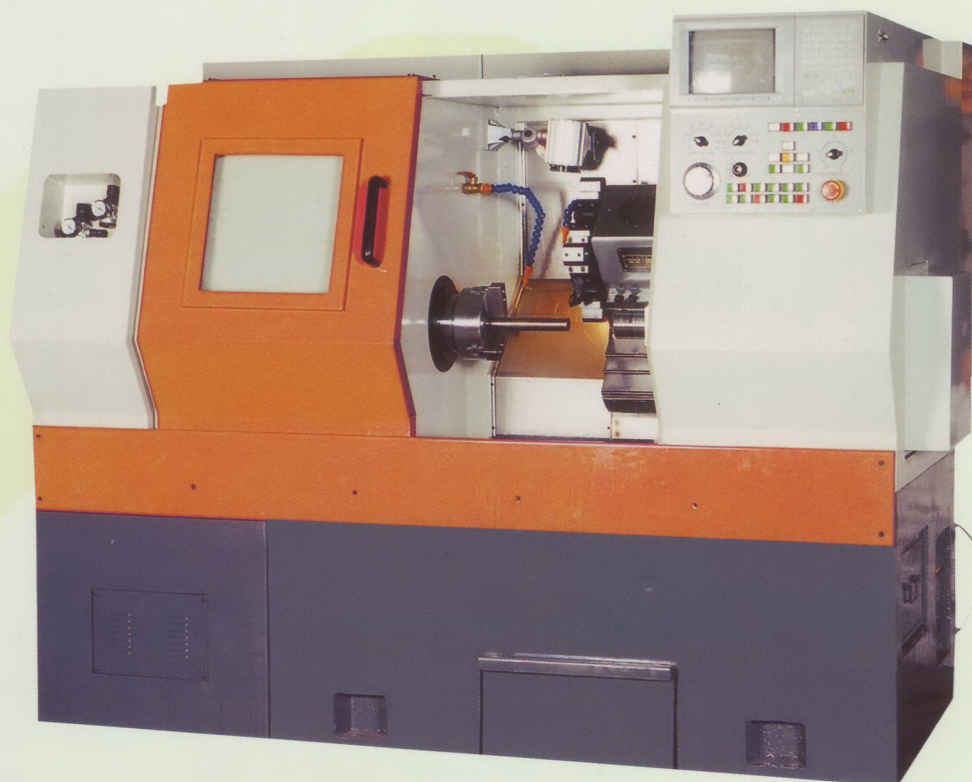




北京京仪世纪自动化设备有限公司 (原北京仪表机床厂)

Beijing Jingyi Century Automatic Equipment Co., Ltd.



CK6125B数控车床

CK6125B
CNC LATHE

CK6125B 数控车床

CK6125B CNC LATHE

用途与特点 Uses and Characteristics

CK6125B 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45°后斜置，便于排屑及观察加工状态。X、Z向导轨采用预负荷直线滚动导轨，主要支承采用预负荷精密角接触球轴承，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(液动、气动)夹盘，尾座的定位夹紧及套筒移动均采用自动方式，可以使工件快速夹紧，动作简捷，可以满足快速、高转速、精密的切削要求。

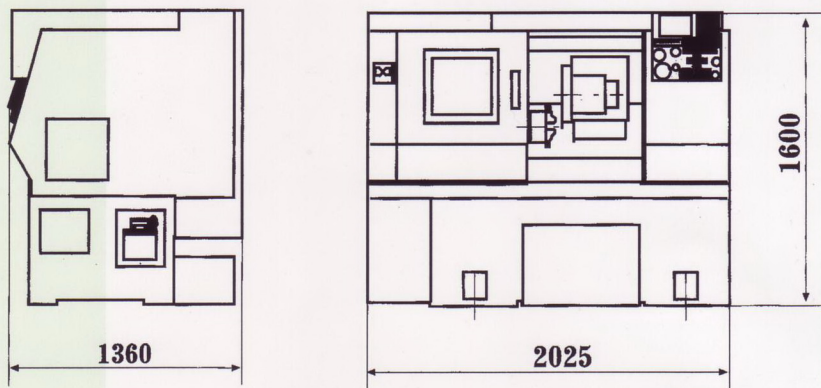
机床配置六工位电动刀架，也可配置其它规格的电动刀架。机床采用全封闭防护，设计紧凑，占地面积小。滚动直线导轨副，滚珠丝杠副均采用自动周期润滑，使日常的维护保养简单方便。

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。主轴驱动采用交流变频调速，可实现恒线速切削。

CK6125B CNC lathe is available in trays, collets and short spindles, with highly efficient and accurate working.

The lathe body is arranged with 45 gradients in the back and convenient to convey the chip and observe the working state. X and Z axes guideways are adopted with pre-loading lineal and rolling guideway, the spindle supporter is adopted with pre-loading accurate and angularly contacted rolling bearings, the main drive and feed drive system are both contacted without interval. The lathe is adopted with motor chuck (hydraulic and pneumatic), the positioning clip of the tailstock and collets movement are both automatic, it makes workpiece clip quickly, work simply, and meets with the requirement of high speed and precision.

The lathe is fitted with motor tool carrier of 6-turret, and can be fitted with other motor tool carrier. It is protected entirely closed, designed compactedly, with small area. The rolling lineal guideway and the ball leading screw are both lubricated periodically, it makes daily maintenance simple and convenient. The CNC control is adopted with servo system and can be fitted with different CNC control according to customers' requests. The spindle drive speed is adjusted by alternation and frequency conversion, it realized permanent speed turning.

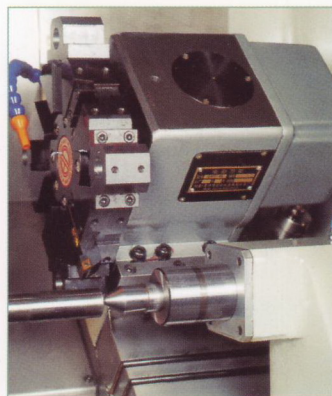


CK6125B 外形尺寸图

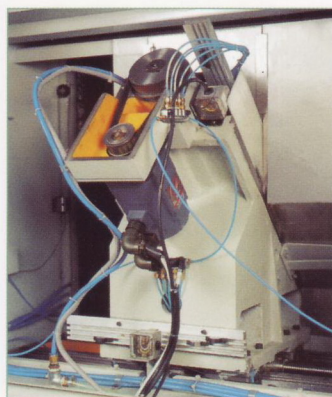
标准附件(随主机供应)

Standard Equipment (With main machine supply)

- (1) 中实气动卡盘
(含软爪)
- (2) 切削冷却装置
- (3) 气动动力装置
- (4) 机内照明装置
- (5) 切削液蓄水装置
- (6) 切削箱



- (1) Pneumatic chuck
(Including soft jaw)
- (2) coolant device
- (3) Pneumatic motor device
- (4) Work lamp
- (5) Water tank
- (6) Chip tank



选择附件

Optional Equipment

- (1) 专用夹具及弹簧夹头专用拉杆
- (2) 孔刀杆用刀套
- (3) 棒料拔出装置
- (4) 三色警示灯
- (5) 排屑机
- (6) 液动力装置



- (1) Special chuck and spring collets specially drawing arbors
- (2) Tool collet in hole tool arbor
- (3) Drawing equipment of stick material
- (4) Alarm light(3 color)
- (5) Chip conveyor
- (6) Hydraulic motor device

主要技术参数

机床加工范围 Lathe Working Range	切削直径	Turning diameter(mm)	Ø 250
	床身上回转直径	Swing over bed(mm)	Ø 400
	X向行程	X-Axis stroke(mm)	200
	Z向行程	Z-Axis stroke(mm)	350
	快速移动	Rapid traverse rate(m/min)	8
主轴 Spindle	主轴端部	Spindle beginning	A ₂ -5
	夹盘直径	Chuck diameter(mm)	Ø 160
	主轴孔径	Spindle bore(mm)	Ø 38
	主轴转速 气动夹紧	Spindle speed(r/min)clip by pneumatic	50-3000
	液动夹紧	clip by hydraulic	50-4500
	主轴内锥孔	Spindle taper bore	5# 莫氏锥
刀具系统 Tool System	刀具截面	Tool cross section(mm)	20 x 20
	转塔刀架工位数	The number of turret of turning tool carrier	6-8
电动机率 Motor Power	主电机功率	Spindle motor power(kw)	5.5
	Z向伺服电机	Z-Axis servo motor(kw)	1.0
	X向伺服电机	X-Axis servo motor(kw)	0.5
	冷却泵电机	Coolant pump motor(kw)	0.25
	液压泵电机	Hydraulic pressure pump moto(kw)	1.5
位置精度 Position Accuracy	重复定位精度	Repetitive positioning accuracy	X:0.004 Z:0.004
	定位精度	Positioning accuracy	X:0.006 Z:0.006
尾座 Tailstock	尾座移动	Tailstock moving (mm)	350
	套筒移动	Quill moving (mm)	80
	尾座定位、套筒移动采用动力夹紧	Tailstock and quill positioning by aynamic	
可选功能项 Optional Function Item	卡盘动力源可为气动、液动两种	Chuck dynamic including:Pneumatic and hydraulic	P:Min 0.3MPa H:Max 3.5MPa
	采用中空夹盘，主轴通过棒料直径	By chuck with though hole, spindle by stick material diameter	Ø 30 mm
	8-12 工位电动刀架	8-12 turret motor tool carrier	
	伺服尾座移动	Servo tailstock moving	
	采用伺服主轴电机	By servo spindle motor	
数控系统功能 (三菱 50L、西门子 802D) Function of CNC Control (MITSUBISHI 50L、 SIMENS802D)	最小设定单位	Least input increment	X:0.005 Z:0.001
	控制轴数	Axes controlled	4
	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	
	刀具长偏置，刀具长补偿	Tool with long angular arrangement and long offset	
	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	Definiton of coordination system:automatic, mechanic, running partly	
	机械精度补偿—反向间隙补偿， 螺纹误差补偿	Mechanic accuracy offset-reverse interval and screw error offset Input and screw error offset	
	输入输出接口 -RS232C	Input and output interface - RS232C	



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