

XK8132数控万能工具铣床

XK8132 CNC UNIVERSIAL TOOL MILLING MACHINE



万全京仪机床有限公司
北京京仪世纪电子股份有限公司

数控万能工具铣床

CNC UNIVERSAL TOOL MILLING MACHINE

用途与特点

XK8132数控万能工具铣床采用日本三菱数控系统，三向进给电机为全数字化交流伺服电机。也可根据用户需要配备其他数控系统，如日本发那科，德国西门子，国产凯恩帝（KND）等。可靠性高，维修方便。

本机床采用优质铸件，铸件结构合理。长导轨加入耐磨合金元素，耐磨性更高；短导轨采用贴塑导轨，摩擦系数小，运动灵活，使用寿命长。X、Y、Z三方向进给运动均采用滚珠丝杠，运动更精确。主轴为变频无极调速控制方式，采用国产铣床专用变频主轴电机及进口变频器。主轴分为高档、低档，两档速控制，低档时最大扭矩可达160Nm。该机床有立、卧两主轴，配合数控转台及特殊附件可使其加工范围更广。润滑系统为自动润滑，使机床导轨、丝杠、轴承润滑更充分，提高机床寿命，提高精度及稳定性。

XK8132数控万能工具铣床主轴可依客户需要配置告诉铣削用电主轴，该主轴具有高精度、高转速、振动噪声低等优良特性。

USES AND CHARACTERISTICS

XK8132 CNC universal tool milling machine is adopted with Japanese MITSUBISHI CNC system. The 3-axes feeding motor of the machine are all-digitization AC servomotors. It can be adopted with other brand CNC system according to the need of client, such as Japanese FANUC, German SIEMENS, Chinese KND and DTM etc. The machine is high reliability, and repairing is convenient.

This machine adopts the high quality casting, casting structure is reasonable. Long guide rail wear-resistant alloy elements, wear resistance is higher; Short guide rail, by pasting model of guide rail friction coefficient is small, flexible movement, long service life. X, Y, Z three directions are feed movement by ball screw, more accurate motion. Spindle for variable frequency infinitely adjustable-speed control mode, USES the domestic milling machine dedicated frequency spindle motor and imported transducer. The spindle can be divided into high and low, two speed control, low maximum torque of 160 nm. The machine stand, lie two spindle, cooperate and special nc rotary table accessories can make its processing is wider. Lubrication system for automatic lubrication, the machine tool guide rail, screw, bearing lubrication more fully, improve tool life, improve the accuracy and stability

The machine can adopt high-speed electric milling spindle according to the need of client. The advantage of spindle are high accuracy, high speed and low vibration noise



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技术规格

SPECIFICATIONS

机床加工范围 Working Range	工作行程 (mm)	X 轴	Working travels	Longitudinal	360
		Y 轴		Cross	280
		Z 轴		Vertical	340
	主轴端面至工作台距离 (mm)	Distance from nose of spindle to surface of working table (mm)		50-440	
工作台 Working Surface of table	长*宽 (mm)	L*W		320*750	
	T 槽数量*间距 (mm)	No. of T-slots*Distance between T-slots		5*63	
	T 槽宽度 (mm)	Width of T-slots		14	
	承重 (Kg)	Bearing weight		160	
主轴 Spindle	主轴转速 (rpm)	Spindle speed		低档 (Low gear)	10-500
				高档 (High gear)	200-2000
	主轴锥孔	Spindle taper bore		40 GB3837.1-83	
	主轴直径 (mm)	Spindle diameter		Φ55	
位置精度 Position accuracy	定位精度 (mm)	Positioning accuracy		0.03	
	重复定位精度 (mm)	Repeatable Positioning accuracy		0.015	
快速进给 Rapid traverse rate	X 轴 (m/min)	Longitudinal		5	
	Y 轴 (m/min)	Cross		5	
	Z 轴 (m/min)	Vertical		5	
电机功率 Power of motor (Kw)	主轴电机		Spindle motor		3
	进给电机	X 轴	Servo motor	Longitudinal	1
		Y 轴		Cross	1
		Z 轴		Vertical	1
冷却泵		Cooling pump motor		0.125	
机床外形尺寸	Overall dimensions	L*W*H		1710*1670*1820	
机床重量 (Kg)	Weight			1400	

基本附件

STANDARD EQUIPMENT

(随主机供应 With main machine supply)

随机工具	一套	Concrol tool	1 set
弹簧夹头套	一件	Collet chuck	1 pc
弹簧夹头 (φ2、3、4、5、6、10、12mm)	各一件	Spring collets (φ2、3、4、5、6、10、12mm)	1 pc each
莫氏变锥套 (莫氏 1、2、3 号)	各一件	Reduce sleeves (Morse taper No.1、2、3 号)	1 pc each

特殊附件

SPECIAL EQUIPMENT

(另行计价 at extra cost)

数控转台	numerical control rotary table
数控分度头	numerical control dividing head
万能分度头 F11100	Model F11100 Dividing head
回转工作台 TS250-1	Rorary table TS250-1
平口钳 QH125	Model QH125 Machine vice
万能镗刀架 Z11150 Z12160	Universal boring head Z11150 Z12160
万能角度工作台	Universal angular table
油盘	Chip tray
双锥面弹簧夹头 φ4—φ26	Double-taper spring collets φ4—φ26
三爪转夹头 φ1—φ13mm	Drill chuck φ1—φ13mm

数控系统基本功能**FUNCTION OF SYSTEM**

(按客户订货供应, 另行计价 at extra cost)

数控型号 model of system	三菱、MITSUBISHI、FANUC、KND、SIEMES	
数控坐标数 control number of axes	三轴 3Axes	
同时控制坐标数 Control number of axes at the same time	三轴 3Axes 可加配数控转台或数控分度头 can be fitted out the numerical control numerical control dividing head	
最小设定单位 min setting unit	0.001mm	
工作方式 Operation method	增量点动	increment inching
	连续点动	continuous inching
	回参考点	return to reference
	自动方式	Automatic
	MDI	MDI
	DNC	DNC
公英制转换	Metric and English system transfer	
静态、动态图形显示	Static, dynamic graphic display	
RS-232 接口	Input and output interface RS-232	
反向间隙补偿	Backlash compensation	
螺距间隙补偿	Thread pitch compensation	
刀具长度补偿	Tool length compensation	
刀具半径补偿	Tool radius compensation	

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