

XH7132 立式加工中心

XH7132 VERTICAL MACHINING CENTER



北京京仪世纪自动化设备有限公司
BEIJING JINGYI CENTURY AUTOMATIC EQUIPMENT CO.,LTD.

立式加工中心

VERTICAL MACHINING CENTER

用途与特点

XH7132立式加工中心适用范围广泛，可用于各行各业的中、小型零件复合工序、复杂型面，尤其适用于有色金属零件的加工。

机床的主要结构采用高强度铸铁，宽大的底座，箱型结构立柱，为机床的精度、刚度提供了可靠的基础。

主轴采用单元式结构，主轴锥孔为ISO40，7:24，刀柄为BT40，松刀采用浮动气缸松刀，避免主轴轴承在松刀过程中受到冲击力，影响精度，提高主轴精度的稳定性。每次换刀过程主轴锥孔可由压缩空气进行自清洁。

刀库采用斗笠移动换刀方式，适应复杂零件多工序，需要更换不同刀具的要求，提高工作效率，实现零件的精密高效加工。

机床的三向导轨副采用超重负荷型滚动导轨，滚珠丝杠采用预拉伸，两端固定安装，机床运动幅刚性高，精度稳定。

机床滚动导轨副、滚珠丝杠副均采用自动周期润滑，并效地进行防护，最大限度减少日常维护、保养。

机床采用全封闭防护罩，切屑回收方便。两个冷却泵提供充足的切削液，可以最大可能地排除加工区域的切屑，并可有效减少零件变形。

FEATURES INTRODUCTION

The applicability of the Vertical Machining Center XH7132 is wide. It can be used to process the complex procedure and figure of the middle and small size spare parts, especially suitable for nonferrous metal.

The main structure is adopted high-strength iron, wide foundation and box-type column. It is the reliable base of the accuracy and rigidity.

The spindle is adopted with unit structure, the taper bore is ISO40, 7:24, and the tool holder is BT40. The tool opening style is floating air opening tool, which makes the spindle bearing avoid to be impacted during opening tool so as to effect on the accuracy. During every changing tool, the pressing air can clean the taper bore by itself.

The machine has funnel-shape type tool changer, it can realize changing the tool quickly, and supplying kinds of tool in different process, so as to increase work efficiency.

The three-direction guide ways are all adopted with overloading rolling guide way and the ball leading screw of X, Y and Z direction are fixed pre-extended in two ends. The machine gains high rigidity and stable accuracy.

The rolling guide-way and the ball leading screw guide way are lubricated in automatic period, and defended effectively, and maintained as little as possible.

The machine is closed in complete shield in order to reclaim the cutting scraps conveniently. The two cooling pump can supply enough cutting liquid to clean the scraps in the operating area, and can reduce the working piece deformation effectively.



XH7132

技术参数

SPECIFICATION

机床加工范围 Working Range	工作行程 (mm)	X向	working travels (mm)	Longitudinal	400
		Y向		Cross	350
		Z向		Ver tical	400
	主轴端面至工作台距离 (mm)		Distance from nose of spindie to surface of woking table(mm)		170-570
工作台 Working surface of table	长 × 宽 (mm)		L × W		750 × 320
	T 槽数量 × 间距(mm)		T-slots of table NO. × Distance between		5 × 63
	T 槽宽度 (mm)		T-slots of table Width		14
	承重 (Kg)		Bear the weight of		300
	主轴转速	伺服主轴	Spindle speed	Servo spindle motor	0-5000rpm
	主轴锥孔		Spindle taper bore		ISO40,7:24
	刀柄形式		Type of tool holder		BT40
	主轴直径 (mm)		Spindle diameter		φ 55mm
	拉钉		Retention knob		BT40-1
斗笠式刀库 Funnel-Shape Type Tool Changer	刀具规格		Tape of tool		BT40
	刀具容量		Quantity of tool		16
	刀具最大直径		Max Tool Diameter		φ 103/φ 160
	换刀时间 (刀对刀)		Time of changer (tool to tool)		8sec
位置精度 Position accur acy	定位精度 (mm)		Positioning accuracy		0.01mm
	重复定位精度 (mm)		Repeatable positioning accuracy		0.006mm
快速进给 Rapid travers rate (m/min)	X向 (m/min)		Longitudinal		10m/min
	Y向 (m/min)		Cross		10m/min
	Z向 (m/min)		Vertical		8m/min
电机功率 Power of motor (kw)	主轴电机	伺服主轴	Spindle motor	Servo spindle motor	3.7/5.5kw
	伺服电机	X向	Servo motor	Longitudinal	1.0kw
		Y向		Cross	1.0kw
		Z向		Vertical	1.5kw
	冷却泵		Cooling pump motor		0.24kw
数控系统 基本功能 Function of CNC control	基本控制轴		Basic controlled axes		3 (X、Y、Z)
	三轴直线插补		3 axes (xyz) linear interpolation		
	两轴圆弧插补		2 axes circular interpolation		
	螺旋插补		Helical interpolation		
	程序存储容量		Capacity of program memory		64KB
	静态、动态图形显示		Static \Dynamic graphic display		
	手动、自动		Manual \Automatic operation		
	NDI工作方式		MDI operation		
	RS-232C接口		Input and output interface RS-232C		
	DNC 功能		DNC function		
	反向间隙补偿		Backlash compensation		
	螺距误差补偿		Screw -pitch error compensation		
	刀具长度补偿		Tool length compensation		
	刀具半径补偿		Tool radius compensation		
其它 Others	机床重量 (kg)		Weight		2500
	外型 (长 × 宽 × 高mm)		Overall dimensions(L × W × H)		2060 × 2110 × 2400

可选功能项

Optional function

1	选装第四回转轴	Fix fourth axis
2	主轴中心出水结构	Structure of spindle center pour

随机附件 (随主机供应)

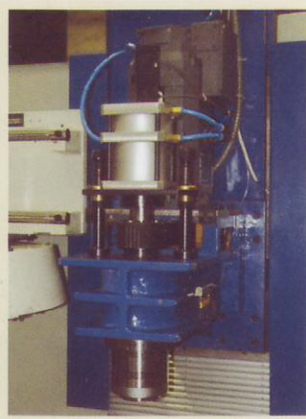
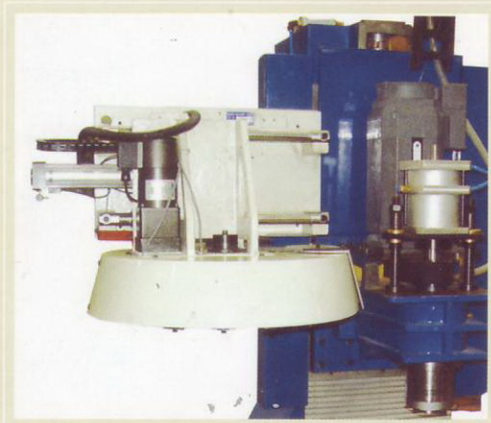
Standard Equipments (With main machine supply)

1	DT40-ER32-75弹簧夹头刀柄	1个	Drill Chuck Arbor
2	ER32-5 卡簧	1个	Drill Chuck
3	ER32-10卡簧	1个	Drill Chuck
4	BT40-1 拉钉	1个	Retention knob
5	机床垫铁	4个	Anti-vibration Mounting Pad

特殊附件

Special Equipments (At extra cost)

1	精密平口钳125	1个	Precise flat-mouth pincers 125
2	刀具长度测定器	1个	Apparatus for tool length
3	寻边器	1个	Apparatus for sides
4	立卧式数控转台	1个	Vertical and horizontal CNC rotary table



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: 100079

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: 100079

Sale Department: (010) 67621142 67627287

Fax: (010) 67613286

http: www.chinabyj.com

E-mail: byj@chinabyj.com