

数控齿条铣齿机系列

CNC Gear Rack Milling Machine Series

主要用于加工各类直、斜齿传动齿条、气缸活塞、汽车转向器齿条、蜗条的加工。特别适合于机械、电梯和机床制造业大批量生产。

- ★ 刀具转速无级可调，可任意设定切削速度、进给深度、循环次数。
- ★ 机床安装有辅助上刀装置，主运动采用镶钢导轨和滚动体结构。

The machine is mainly used to process all kinds of spline, including spur and helical, cylinder piston, automobile redirector and worm rack, especially suitable for the mass production of manufacturing industry of machinery, lift and machine tool.

★ The rotation speed of cutter tool is adjustable with stepless. The cutting speed, cycle times and cutting depth can be set discretionarily

★ The machine is equipped with auxiliary cutter-tool-installation device and mainly servo axes are fully closed loop.



YK8532数控齿条铣齿机



YK85200数控齿条铣齿机工装



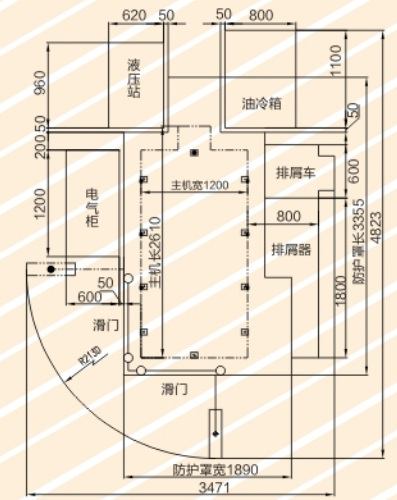
YK85200数控齿条铣齿机

主要技术规格 Specifications	YK8532	YK85200
最大加工模数 (mm) Max. machining module	12	30
最大加工长度 (mm) Max. machining length	300	2000
最大加工工件直径 (mm) Max. workpiece diameter	30	-
最大加工工件长度 (mm) Max. workpiece length	1000	-
主轴转速 (rpm) main spindle speed	40~350	
铣刀直径 (mm) Milling cutter diameter	310~170+2倍齿深	
主轴电机功率 (KW) main spindle motor power	30	37
主轴装刀杆最大直径 (mm) Max. diameter of spindle cutter holder	60	
Z轴最大行程 (mm) Max. travel of Z-axis	400	
Z轴最大进给速度 (mm/min) Max. feed speed of Z-axis	500	
Y轴最大行程 (mm) Max. travel of Y-axis	-	2000
Y轴最大进给速度 (mm/min) Max. feed speed of Y-axis	-	3000
最大加工螺旋角 Max. machining helical angle	± 30°	± 25° (C axis)
最大装刀宽度 (mm) Cutter width	300	
X轴行程 (mm) Max. travel of X-axis	500	
X轴最大进给速度 (mm/min) Max. feed speed of X-axis	1875	
机床总功率 (Kw) Total power	45	55
机床总重量 (Kg) approx. Total weight	11000	22000

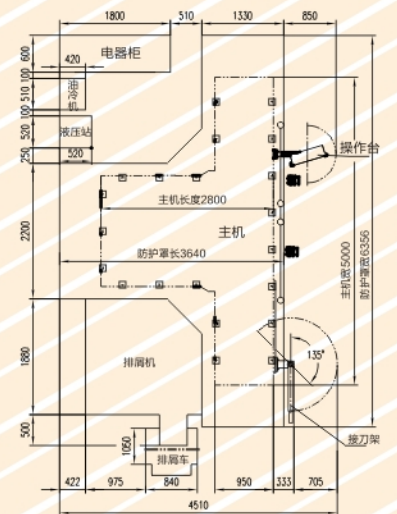


YK8532数控齿条铣齿机工装

标准配置	Standard Accessories	选项配置	Optional Accessories
数控系统: 西门子828	Numerical control system: 828DSiemens	工作台自动调整 (30°) 或数显	Worktable automatically adjust(30°) or digital display
主轴变频: 施耐德变频器	Spindle frequency inverter: Schneider	磁性过滤装置	Magnetic filter unit
液压装置一套: 外置	One set hydraulic station: Outside	自动上下料装置	Automatic workpiece loading and unloading device
冷却、排屑装置一套: 外置	One set cooling and chip conveyor:Outside	全防护	Full cover
集中润滑装置: 间歇式	Centralized auto-lubrication: By Intermittent		
电气柜: 外置	Electrical cabinet: Outside		
标准刀轴: Φ 50mm	The cutter adaptor: (Morse 4#) 2 pieces		
随机附件箱	Half cover		
半防护罩	Accessories box		
机床垫铁	Sizing block		



YK8532机床平面布局图



YK85200机床平面布局图