

数控扇形齿轮插齿机
CNC Sector Gear Shaper

YK5612C为多功能全自动插齿机，三轴三联动。主要用于汽车转向器行业摇臂轴上的扇形齿轮的加工，并可实现定比、变比、鼓形、偏心等多种齿形的加工。



YK5612C数控扇形齿轮插齿机

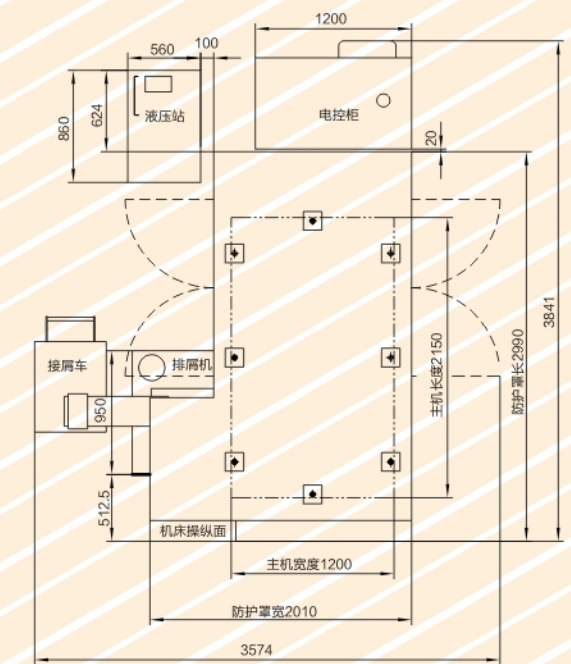
主要特点

机床导轨采用镶钢导轨、刀架采用重载直线导轨，并配有强力润滑、切削角调整采用液压油缸推动立柱整体翻转；机床可选配工件液压自动找正装置。

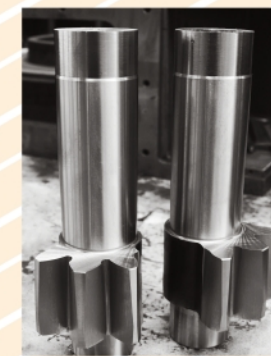
YK5612C is a multifunctional and fully automatic gear shaper which has 3 axes with the simultaneous movement of 3 axes. It is available to process sector gears of the rocker shaft in automobile redirector industry with constant ratio, variable ratio, crowned tooth profiles or eccentric ,etc.

The machine tool guideways adopt inlay steel guide, the cutter head adopt heavy linear guide with forced lubrication, overturn the column by hydraulic oil cylinder to change the cutting angle. The machine tool can selectively install hydraulic automatic locating device of workpiece.

主要技术规格 Specifications	YK5612C
最大加工长度直径 (mm) Max. diameter of workpiece	120
最大模数 (mm) Max. module	12
最大齿宽 (mm) Max. face width	80
切削角 Cutting angle	0~10°
冲程长度 (mm) Max. stroke length	90
主轴冲程数 (str/min) Stroke speed of main spindle	60~600
让刀量 (mm) Cutter relieving	≥0.5
刀位调整量 (mm) Cutter adjusting	50
X轴行程 (mm) X-axis travel	150
X轴径向进给速度 (mm/min) Speed of X-axis radial feed	0~3000
工作台面直径 (mm) Diameter of worktable surface	300
工作台孔径 (mm) Diameter of worktable bore	95
装刀端面至工作台面距离 (mm) Distance between cutter mounting face and worktable surface	95 ~235 (切削角0° 时)
Y轴行程 (mm) Y-axis travel	280
机床总功率 (kw) Total power	25
机床总重量 (Kg) approx. Total weight	7500



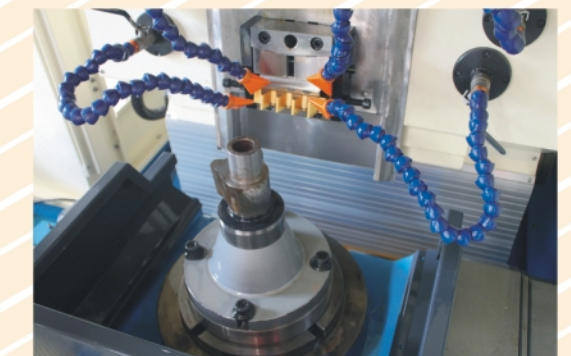
机床平面布置图



典型工件



全自动夹具



工作台

标准配置	Standard Accessories	选项配置	Optional Accessories
数控系统: 西门子828D	CNC system: 828D Siemens	工件液压自动找正装置	Hydraulic automatic locating device of workpiece
主轴变频: 施耐德	Spindle Frequency inverter: Schneider	夹具	Fixtures
液压装置一套: 外置	One set hydraulic device: Outside	角度调整块	Adjustment block of angle
冷却、排屑装置一套: 外置	One set Cooling and chip conveyor: Outside	刀夹	Cutter holder
集中润滑装置: 间歇式	Centralized lubricating system: By intermittent	自动上下料机构	Automatic load and unload institution
电气柜: 外置	Electrical cabinet: Outside	全防护罩	Full cover
随机附件箱	Accessories box		
半防护罩	Half cover		
机床垫铁	Sizing block		