

ETK2606



加工过程截图



ETK2606

数控活塞异形销孔镗床

NC Boring Machine For Piston Non-Cylinder Pin Hole

功能简介 | Brief Introduction of Functions

- 机床配置精密微位移伺服镗削装置（一派数控专利产品），完成活塞异形销孔型面（锥孔、曲线孔）的加工；
- 镗杆的微位移运动在主轴高速运转的情况下完成，具有自动平衡功能，能保持主轴高精度；
- 机床配有主轴倾斜角精密调节装置，用于活塞销孔叠加椭圆孔的加工；
- 销孔大小可通过控制程序界面进行微调；
- 上下工件方向面对主轴，适于机械手自动上下料。（ETK2606B适用）
- The boring machine is equipped with precision micro-displacement servo boring device (patent product of EPOCH NC) to complete the processing of piston non-cylinder pin hole (conical hole, curve hole);
- The micro-displacement motion of the servo boring device is completed under the circumstances of high speed revolution of spindle, and the servo boring device bears the function of automatic dynamic balancing, which can maintain the high precision accuracy of spindle;
- The boring machine is equipped with precision adjustment device for spindle inclination to complete the processing of the overlapped elliptic pin hole of piston;
- The size of pin hole can be micro-adjusted through the control program interface;
- The direction of loading and unloading the workpiece is designed towards the spindle to fit for robot.(ETK2606B applicable)

产品
Products

主要技术指标 | Main Technical Indexes

活塞销孔直径 Piston Pin Hole Diameter (mm)	Φ25~Φ60
活塞直径 Piston Diameter (mm)	Φ60~Φ160
镗刀最大单边偏移量 Maximum Offset of Boring Cutter (mm)	0.06
主轴中心高调整范围 Adjustment Range of Spindle Centre-height(mm)	0~35
主轴中心线与导轨面的倾斜角度范围(度)	
Adjustment Range of Angle Between Spindle Centreline and Guide Surface(degree)	0~5
主轴精度 Spindle Precision Accuracy(mm)	0.002
主轴速度 Spindle Speed(rpm)	50~3500
工序能力指数CPK（直径公差ΦD±0.002mm）	
Process Capability (Diameter Tolerance±0.002mm)	≥1.33
粗糙度 Surface Roughness (μm)	Ra0.3
单边销孔直线段圆柱度 Cylindricity of the Straight Segment of the Single Piston Pin Hole(mm)	0.002
直销孔圆度 Straight Pin Hole Roundness (mm)	0.001
主机外形尺寸（长×宽×高） Machine Dimensions (L×W×H) (mm)	2795×1860×2220