

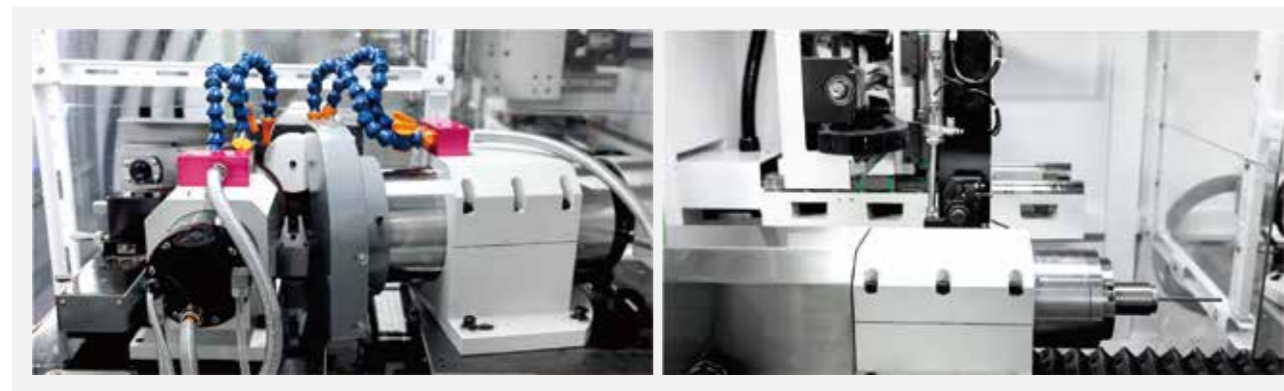
QD860 Precision CNC Step Cylindrical Grinder

精密数控段差磨床



Features | 特点

- 1.QD860 is a precision step difference CNC grinding machine newly developed by Qiandao company. It is a cost-effective grinding machine, which is suitable for processing the shape of formed bars, mainly cylindrical grinding, and can perform chamfering, taper, arc, plane, etc.
 - 2.According to the shape of the workpiece, the rough grinding wheel and the fine grinding wheel can grind the workpiece successively, and complete the process of two grinding levels at one time.
- QD860 是千岛公司新研发的精密段差数控磨床，是一款高性价比磨床，适用于成型棒料外形加工，以外圆磨削为主，并可进行倒角、锥度、圆弧、平面等。
 - 可根据工件的形状粗磨砂轮和精磨砂轮先后对工件进行磨削，一次性对工件完成两种磨削程度的工艺加工。



Specifications | 技术参数

Stroke	
X-axis Stroke X轴行程	50 mm
Y-axis Stroke Y轴行程	35 mm
Z-axis Stroke Z轴行程	375 mm
V-axis Stroke V轴行程	145 mm
Swivel Angle C-axis Stroke C轴旋转范围	∞
Max. Workpiece Length 最大工件长度	300mm
Max. cutting edge length 最大切削刃长度	200mm
Rapid Traverse	
Rapid Traverse X/Y/Z 直线轴快速移动速度	15 m/min
Rapid Traverse C 磨头摆动最高转速(C轴)	0-3000 rpm
Resolution	
Linear Resolution 直线轴分辨率	0.0001 mm
Radial Resolution 旋转轴分辨率	0.0001°
Grinding Range	
Diameter of workpiece handle 工件柄部直径	3-20 mm
Workpiece Diameter 工件磨削范围	0.1-20 mm
Wheel Spindle (C-axis)	
Rough grinding wheel dimensions Outside diameter 粗磨砂轮尺寸外径	250 mm
Precision grinding wheel dimensions Outside diameter 精磨砂轮尺寸外径	150 mm
Rough grinding head spindle speed 粗磨头主轴转速(变频调速)	0-9000 rpm
Precision grinding head spindle speed 精磨头主轴转速(变频调速)	10000 rpm
Power of Rough grinding head [Max] 粗磨头最大功率	7.5 kw
Power of Precision grinding head [Max] 精磨头最大功率	1.4 kw
Rough grinding head spindle radial runout 粗磨头主轴径向跳动	≤0.005 mm
Precision grinding head spindle radial runout 精磨头主轴径向跳动	≤0.005 mm
Workpiece Spindle (A-axis)	
Radial Runout 工件主轴径向跳动	≤0.003 mm
Controller	
Controller 系统	SYNTEC/Anca
Software	
Software 软件	SYNTEC/Anca
Machine Dimensions	
Electrical Power 电源	AC 380V 50HZ
Total Power 总功率	21 kw
Weight 重量	5T
Dimensions (L x W x H) 长x宽x高	1940x 1893 x 2032 mm