

Machine Name : CNC coordinate grinder

Brand : NJ Machine Tools

Machine Model : MK4280

Stock No. : 65352

Ex-factory Date : To be supplemented



Main Technical Parameters:

CNC System: Siemens 828D

Worktable size :800*1120mm

Worktable travel :1000mm

X-axis travel :1000mm

Y-axis travel :700mm

Z-axis travel :180mm

W-axis travel :600mm

U-axis travel :6mm

C-axis: 360°

guideway method: Hydrostatic guideway

Each axis drive mode :XY lead screw

Worktable size :800*1120mm

The maximum idle speed of worktable movement :3000mm/min

The maximum load of worktable is 1000kg

Grinding wheel reciprocating travel :180mm

The maximum reciprocating travel speed of the grinding wheel :0.01-10m/min

Minimum lateral feed rate :0.1μ

Longitudinal minimum feed: two :0.1p

C-axis speed :30rpm

The lateral travel of the grinding head box :620mm

Grinding wheel speed: Electric 45,000-80,000 RPM

Grinding wheel speed: Pneumatic: 100,000-180,000 RPM

Maximum taper of grinding holes :16°

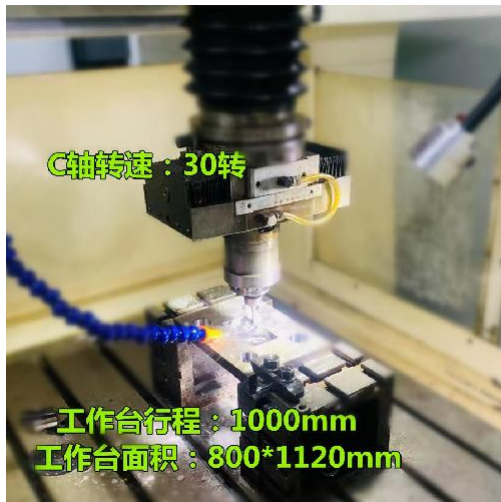
Maximum grinding hole diameter :220mm

Total input of machine tool electrical box :10KVA

Overall Footage (length x width x height):3005x2380x3379mm

Net weight of machine tool: 14,000 kg





MK4280

产品简介：

机床主要用途、适用范围：

- 1、MK4280数控坐标磨床是我厂C系列坐标磨床中的大规格产品，机床采用龙门式结构，提高了机床的整体刚性，加工范围和承载能力有较大提高，在进一步完善性能和精度的前提下着眼于提高生产率。
- 2、C系列坐标磨床具备了粗磨、半精磨和精磨工艺要求，并可实现强力磨削。
- 3、C系列坐标磨床适应性大幅度扩展，满足了精密机械加工车间批量生产的要求。
- 4、此机床是连续轨迹数控坐标磨床。具有六轴控制（X、Y、Z、U、A、C），三轴联动（X、Y、C、A中任意三联动）的功能。利用直线和圆弧逼近的方法，可对淬火后的具有任意曲线的平面图形的样板、模具型腔和冲头等零件进行加工。
- 5、可对淬火后的带有高精度孔距要求的坐标孔系进行磨削加工。

