

Grinding

CNC Grinding Machine for Grinding Turbine Parts

Today's capital equipment must be more flexible and capable than ever. With this in mind, Makino has introduced the G5 CNC Grinder 5-axis horizontal machining center, capable of grinding, milling, drilling and tapping, all on the same machine.

Technical Specifications

The biggest advantage of a machine like the G5 is its ability to eliminate non-value-added time in the manufacturing process. Because you can go from milling to grinding in one machine, you're not only saving on capital equipment, but you're also able to perform several operations in a single setup, eliminating all of the out-of-cut time that does nothing but add to your costs and lead-time.



Pallet: 250 mm x X: 520 mm Y: 560 mm Z: 600 mm

A Axis	None
B Axis	270° (-90°to +180°)
C Axis	360°
Spindle RPM	12,000 rpm
Rapid Traverse	48,000 mm/min
Cutting Feedrate	48,000 mm/min
Maximum Workpiece	440 Ø x 380 SR
Maximum Payload	120 kg
ATC Capacity	60 tools
Maximum Tool Length (Cat)	360 mm
Maximum Tool Length HSK	400 mm
Maximum Tool Diameter	70 mm/220 mm * * with limitation
Maximum Tool Weight	12 kg