

Specifications for CNC Milling Machine

General

- Vertical Spindle, 3-axis milling machine
- Min worktable size: 600 x 1200 mm
- Worktable must have 18mm T-slots, minimum of 5
- Table load: 800 kg min
- Minimum Travel:
 - X Axis : 800 mm
 - Y Axis : 600 mm
 - Z Axis : 600 mm
- Fanuc or Siemens controller compatible/interfaceable with Edgecam Software
- LAN Interface

Spindle

- Spindle hole taper : BT40
- Min Spindle power : 10 kW
- Min. spindle speed: 10000 rpm

Feed

- Min. feed speed : 8000 mm/min
- Min Rapid feed speed : 30/30/25 m/min (X/Y/Z)

Tool Magazine:

- Min. Tool magazine capacity: 24 T
- Tool Diameter (neighbour empty) : 120mm

Positioning Accuracy:

- Positioning accuracy (X/Y/Z) : 0.008 mm or better
- Re-positioning accuracy (X/Y/Z) : 0.005 mm or better

Accessories

- Renshaw NC4 laser non-contact tool setter
- Renshaw OMP40-2 optical transmission probe
- Must connect to LAN. Internal (no internet) network
- Spindle Air Sealing
- Spindle Ring Spray
- Chip Conveyor
- Operational Manual
- Coolant Gun for machine cleaning
- Coolant Through Spindle
- 4th Axis Prep
- BT40 toolholders x24

- Collet set for tools from 1mm to 25mm

Installation

- Quote must Include complete installation incl. rigging installation and training.
- There is 5000 kg gantry crane onsite. (for information)
- Available power supply: 3-phase