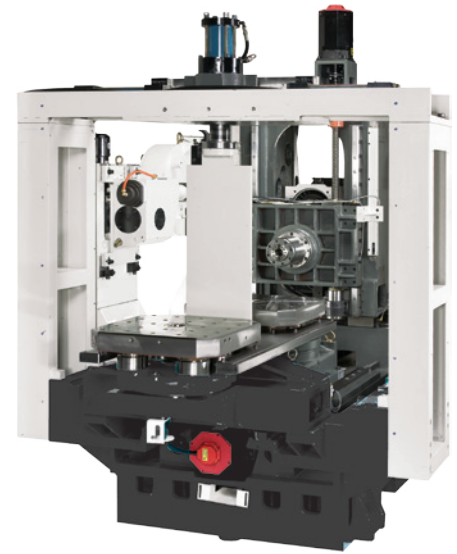


CNC horizontal machining center **H-Mill 2P 5.5 CNC**

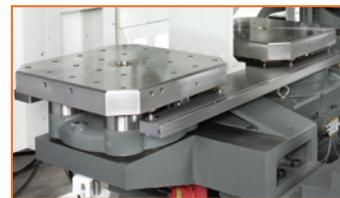


T e c h n i c a l D a t a s h e e t



Standard configuration:

- ✓ CNC Fanuc Oi-MD
- ✓ 10,000 rpm spindle
- ✓ 40 station tool magazine
- ✓ Swivel table - B-axis (tilt angle min 0.001 ° (360 °))
- ✓ Automatic pallet changer for 2 pallets
- ✓ Voltage transformer
- ✓ 2 x spiral, 1x chain chip conveyor
- ✓ Spindle cooling
- ✓ Automatic lubrication
- ✓ Coolant system
- ✓ Enclosed workroom
- ✓ Work light
- ✓ Rigid Tapping
- ✓ Machine feet and screws
- ✓ Manual



Automatic pallet changer



40-pos. tool magazine

Optional configuration:

- CNC FANUC 18 i MB
- Glass scales
- 60 station tool magazine
- Tool measurement
- Workpiece measurement
- Siemens, Heidenhain or Mitsubishi CNC
- Pallet pool system
- CTS cooling through the spindle
- HSC spindle 15,000 or 18,000 rpm
- Hydraulic cubes clamping system
- T-slot clamping tables
- Higher spindle power

Technical specifications	H-Mill 2P 5.5 CNC	Technical specifications	H-Mill 2P 5.5 CNC
CNC	FANUC Oi-MC	Spindle	
Number of pallets	2	Spindle speed	10.000 rpm
Travel		Spindle taper	BT 40, ISO 40
X-axis	610 mm	Spindle	Ø65 mm
Y-axis	510 mm	Power	
Z-axis	610 mm	Motor-spindle (const./30 min.)	11/15 kW
Min. resolution in X/Y/Z axes	0,001 mm	Power of X-axis motor	4 kW
Min. turning angle - B-axis	0,001°	Power of Y-axis motor	4 kW
Table dimensions	500x500 mm	Power of Z-axis motor	4 kW
Mounting holes	M16x2	Power of B-axis motor	3 kW
Max. table load capacity	450 kg	Power of tool changer motor	0.43 kW
Table-to-spindle center distance	30–540 mm	Spindle lubrication motor	0.37 kW
Table center-to-spindle nose distance	140–750 mm	Lubrication system motor	0.012 kW
Tool magazine		Hydraulic system motor	2.25 kW
Number of tools	40	Coolant pump motor	1.27x3 kW
Max. tool diameter	Ø76 mm	Conveyor motor	0.2 kW
Max. tool length	300 mm	Accuracy	
Max. tool weight	8 kg	Positioning accuracy in X, Y, Z axes	±0.004 mm
Tool change time (tool-to-tool)	3 sec.	Repeatability in X, Y, Z axes	±0.003 mm
Pallet change time	7–8 sec.	Repeatability in B-axis	±0.001°
Feeds		Overall dimensions	3145x2552x3890 mm
Rapid traverse in X/Y/Z axes	32 m/min	Weight	9230 kg
Working feed rate	1–8000 mm/min	Item-No.	6830002

*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.