



Chester Horizontal Machining Centre • H-800LB



Standard configuration:

- ✓ Spindle Rpm 6000rpm
- ✓ Spindle Oil Cooling System
- ✓ Spindle Air Seal System
- ✓ Spindle Direct Transmission
- ✓ Spindle Direct Transmission+ZF Gear
- ✓ 3-Axis Roller Linear Rail
- ✓ 3-Axis Hollow Ballscrew Cooling System
- ✓ Pallet 1° division
- ✓ Pallet M16 Fixing Holes
- ✓ Splash Ring
- ✓ Track Type Chip Conveyor System
- ✓ Chip Cart
- ✓ Indoor Chip Auger
- ✓ Mechanical Oil-coolant Separator
- ✓ Overhead Chip Wash-down System
- ✓ Dis-type Coolant Separator
- ✓ Front Door / Side Door Safety Switch
- ✓ Tool Storage Capacity 60T
- ✓ Tool Specification BBT
- ✓ Tool Specification NO.50
- ✓ M30 Automatic Power-off System
- ✓ Working Light
- ✓ Warm Light
- ✓ Electrical Cabin Heat Exchange System
- ✓ Fanuc 0iMF

Optional configuration:

- 3-Axis Linear Scale System
- 4-Axis Encoder
- Pallet 0.001" Division
- Pallet T-slot
- Spindle Air Blow System
- Coolant Through Spindle
- CE Safety Specifications
- Tool Length Measuring System NC-4S
- Workpiece Measuring System RMP-60
- Tool Breakage Detection(Magazine)
- Tool Specification CAT
- Electrical Cabin Air-condition System
- Fanuc 31i
- Oil Mist Collector Unit
- Rotary Window

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





Technical Specifications

Technical Specifications		H-800LB
Travel		
Travel,X/Y/Z		1300/1200/1200mm
Spindle Center to Pallet Face		100-1300mm
Spindle Nose to Pallet Face		200-1400mm
Pallet		
Pallet Size		800x800mm
Maximum Workpiece		φ1300mm
Maximum Pallet Load		2000kg
Maximum Workpiece Height		1300mm
Pallet Surface Configuration		24-M16 Pitch 160
Pallet Indexing		1°
Spindle		
Spindle Max.Speed		6000rpm
Low/Hight Gear Variation		1500rpm
Spindle Max.Torque(Standard)		660Nm
Spindle Taper		7/24 Taper No.50
Spindle Bearing Id		100mm
Spindle Transmission		Belt+ZF
Feed Rate		
Max. X/Y/Z Rapid Speed		32000mm/min
Cutting Feed Rate		1-10000mm/min
Job Feed Rate		1260mm/min
Automatic Tool Change (ATC)		
Type of Tool Shank		ISO 50 or BBT-50
Tool Capacity		60 pc
Max.Tool Diameter(without Adjacent Tool)		125(250)mm
Max.Tool Length		600mm
Max.Tool Weight		30kg
ATC Changing Time(T to T)		8sec
Tool Selection Method		Fixed Address
Automatic Pallet Changer (APC)		
Number of Pallets		2
Pallet Changing Type		Rotary Type
Time for APC		0iMF
Controller System		
FANUC		18i
Motor		
Spindle Motor,Power		22/26kw(29.48/34.84hp)
Spindle Motor		165Nm
X/Y/Z/B Axis Motor		7/6/7/3kw(9.38/8.04/9.38/4.02hp)
Motor,Hydraulic System		3.7kw(4.96hp)
Motor,Coolant Pump System		1.6kw(2.14hp)
Power Supply		
Power Requirement		42kva
Capacity of Oil/Coolant Tank		
Capacity,Hydraulic System		60L
Capacity,Lubrication System		4L
Capacity,Coolant System		850L
Mechanical Specifications		
Machine Dimensions		6991x4326x3948mm
Weight		25000kg

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