



# CNC horizontal machining center HMC-F



Automatic pallet changer (optional)



## Fixed spindle quill with indexing table

- Fixed column construction
- Fixed spindle
- 5°/72 indexing rotary table is standard on HBW-F 630
- 1°/360 indexing rotary table is standard on HBW-F 800
- Spindle is driven by a gearbox
- Linear scales on X/Y/Z axes
- 40 tools chain type magazine
- FANUC 0iMF CNC control
- Heavy duty construction helps to boost stability

## Linear guide way on X/Z axes

- Four linear ways on the base provide stable support for heavy load
- Box ways on Y axis allow for heavy cutting with great stability
- X/Y/Z axes are equipped with linear scales to assure the highest positioning accuracy

## Standard configuration

- Glass linear scales for X/Y/Z axes
- Spindle oil cooling
- Automatic power off
- Hydraulic system
- Coolant system
- Automatic lubrication
- Three-color warning light
- Work light
- Electrical handwheel (MPG)
- Heat exchanger for electric cabinet
- Chip conveyor
- and chip cart
- Leveling pads and bolts
- Operation manual
- Backsplash guard
- Tool kit
- FANUC 0iMF CNC control
- ATC 40 tools

Specifications	HMC-F		
	800 31" x 31"	1250 49" x 49"	
Table dimensions (W/L)	mm	800x800 (31x31")	1250x1250 (49x49")
T-slots	mm	22x7 (0.9x0.3")	
Max. table load	kg	4000 (8,800 lbs)	5000 (11,000 lbs)
Indexing degree	mm	1°/360	
Travels	X	mm 2000 (79")	
	Y	mm 1500 (59") [opt. 1700 (67")]	
	Z	mm 1400 (55") [opt. 1600 (63")]	
Speeds	min <sup>-1</sup>	4000 (6,000 rpm)	
Spindle taper		BT-50 / CAT 50	
Distance spindle center-table	mm	0-1500 (0-59") [opt. 1800 (70")]	
Spindle-table distance	mm	220-1620 (9-64")	370-1770 (14.5-69")
Floor-table height	mm	1325 (52")	1350 (53")
Main spindle motor	kW	15 (20 Hp)	
Servo motor: X/Y/Z/W/B	kW	4/4/4/3 (5/5/5/4 Hp)	4/4/4/4 (5/5/5/5 Hp)
Coolant tank	l	300 (79 gal)	400 (106 gal)
Power requirement	kva	30	45
Item No.		<b>2630018</b>	<b>2630019</b>

## Optional configuration

- ATC 60 tools
- Oil mist collector
- Fanuc, Siemens or Heidenhain CNC control
- Various auxiliary work tables
- Air cooler for electric cabinet
- Coolant through spindle
- Various work tables available:
  - 700x700 or 700x900 (HBW-F 630)
  - 800x1000 or 1000x1000 (HBW-F 800)
  - Indexing table, 0.001° (HBW-F 630)
  - Extended spindle nose, 50 mm

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