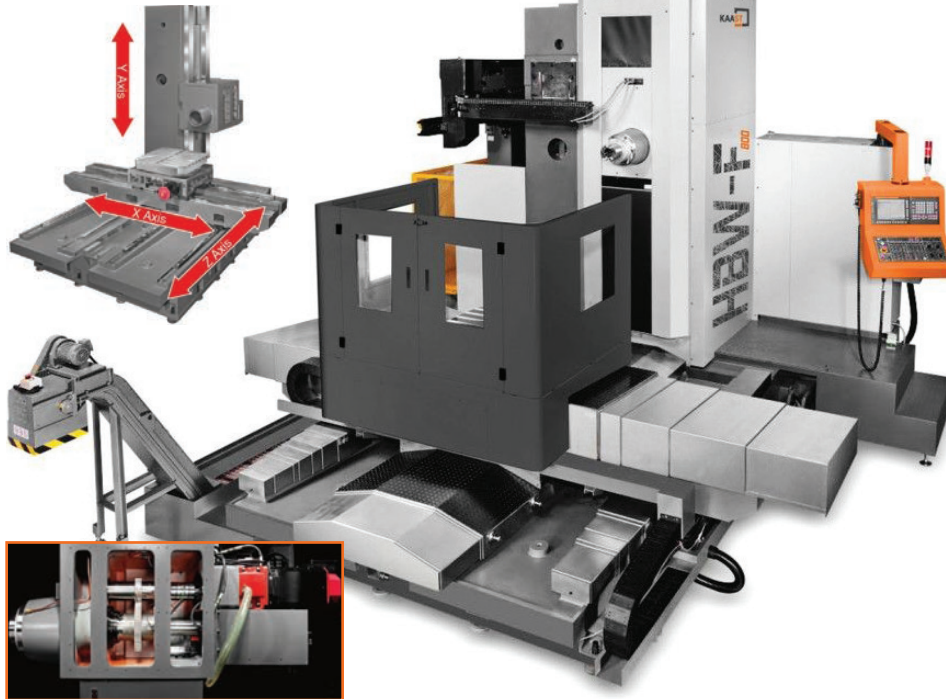




# CNC horizontal boring & milling machine HBW-F



## 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 OiMD 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) and circuit diagram
- ✓ RS-232 Port
- ✓ Heat exchanger for electric cabinet
- ✓ Chip conveyor and chip cart
- ✓ Leveling pads and bolts
- ✓ Controller manuals
- ✓ Operation manual
- ✓ Machine inspection lists
- ✓ Backsplash guard
- ✓ Tool kit
- ✓ FANUC OiMD CNC control
- ✓ ATC 40 tools

Specifications		HBW-F 630		HBW-F 800	
		25" x 25"		31" x 31"	
TABLE	Table dimensions (W/L)	mm	630x630 (25x25")	800x800 (31x31")	
	T-slots	mm	20x5 (0.8x0.2")	22x7 (0.9x0.3")	
	Max. table load	kg	1500 (3,300 lbs)	2500 (5,500 lbs)	
	Indexing degree	mm	5°/72 (1°/360)	1°/360	
TRAVEL	Axis travel	X	mm	1500 [opt. 1600] (59" [opt. 63"])	2000 (79")
		Y	mm	1200 (47")	1400 [opt. 1700] (55" [opt. 67"])
		Z	mm	1000 [opt. 1100] (39" [opt. 43"])	1400 [opt. 1600] (55" [opt. 63"])
SPINDLE	Speeds	min <sup>-1</sup>	4000 (6,000 rpm)		
	Spindle taper		BT-50		
DISTANCES	Distance spindle center-table	mm	1200 (47")	1400 [opt. 1700] (55" [opt. 67"])	
	Spindle-table distance	mm	1225 [opt. 1325] (48" [opt. 52"])	1620 [opt. 1820] (64" [opt. 72"])	
	Floor-table height	mm	1110 (44")	1325 (52")	
MOTOR	Main spindle motor	kW	15 (20 Hp)		
	Rapid traverse motor: X/Y/Z/W/B	kW	3/3/4/3 (4/4/5/4 Hp)	4/4/4/3 (5/5/5/4 Hp)	
OTHER	Coolant tank	l	300 (79 gal)	400 (106 gal)	
	Power requirement	kva	30	45	
	Dimensions (L/W/H)	mm	6100x4400x3500 (240x173x138")	6200x4700x3900 (244x185x154")	
	Weight	kg	11,000 (24,250 lbs)	14,500 (31,970 lbs)	
Item No.			<b>2630017</b>	<b>2630018</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.

Cutting

Turning

Milling

Drilling/Boring  
CNC • Manual

Grinding

Sawing

Fabricating