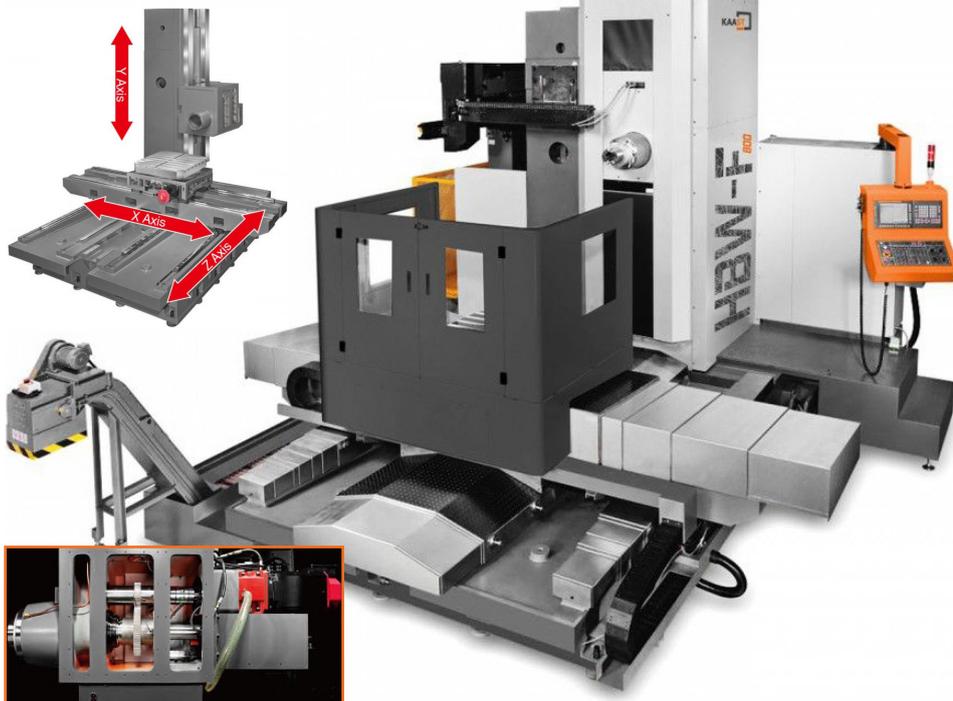




# CNC horizontal boring & milling machine HBW-F



## 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 25" x 25"	HBW-F 800 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.