



# CNC horizontal boring mill

## HBW

Travelling column with rotary table

- Moving column design
- Main spindle with powerful ZF transmission
- Resolution of 0.001° in the rotary table
- Glass scales in X/Y/Z axes
- 40-piece tool changer/chain magazine
- FANUC Oi-MD CNC control



### Standard configuration

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

### Optional configuration

- Fanuc, Mitsubishi, Siemens or Heidenhain CNC control
- ATC 60 tools
- Micro coolant
- Custom support tables
- Extension sleeves, 250/300 mm (9.8/11.8")
- Coolant through spindle
- Additional milling heads, 90°
- Work piece measurement
- Tool measurement
- Motor power enlargement
- Table extension
- Faceplate

Specifications			HBW						
			2020/110	2520/110	3220/110	4220/110	3225/130	4225/130	
			6' x 6', 4"	8' x 6', 4"	10' x 6', 4"	13' x 6', 4"	10' x 6', 5"	13' x 6', 5"	
TABLE	Table dimensions (W/L)	mm	1600x1400 (62x55") x 0.001°				2000x1800 (79x71") x 0.001°		
	T-slots	mm	24x7 (0.9x0.2")				28x9 (1.1x0.35")		
	Max. table load	kg	8000 (17,600 lbs)				15,000 (20,000 lbs)		
TRAVELS	Axis travel	X	mm	2000 (78")	2500 (98")	3200 (125")	4200 (165")	3200 (125")	4200 (165")
		Y	mm	2000 [opt. 2500] (78" [opt. 98"])				2000 [opt. 2500, 3000] (78" [opt. 98, 118"])	
		Z	mm	1700 (66")				2000 (78")	
		W	mm	550 (21")				700 [opt. 900] (27" [opt. 35"])	
		Diameter	mm	Ø 110 (4.3")				Ø 130 (5.1")	
SPINDLE	Speeds	rpm	10-2500				10-2000		
	Spindle taper		BT-50				BT-50		
DISTANCES	Distance spindle center-table	mm	0-2000 [opt. 0-2500] (0-78" [opt. 0-98"])				0-2000 [opt. 0-2500, 0-3000] (0-78" [opt. 0-98, 0-118"])		
	Spindle-table distance	mm	0-2250 (0-88")				50-2750 (1.9-108")		
	Floor-table height	mm	1225 (48")				1420 (55")		
MOTOR	Main spindle motor	kW	18.5 [opt. 25] (25 Hp [opt. 35 Hp])				18.5 (25 Hp)		
	Rapid traverse motor: X/Y/Z/W/B	kW	7/7/7/4/7 (9/9/5/9 Hp)				9/7/9/4/7 (12/9/12/5/9 Hp)		
OTHER	Coolant tank	L	400 (105 gal)				400 (105 gal)		
	Power requirement	kva	55				55		
Item No.			<b>2630011</b>	<b>2630012</b>	<b>2630013</b>	<b>2630014</b>	<b>2630015</b>	<b>2630016</b>	

\*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