



CNC horizontal boring mill HBW-FC

Fixed column, machine with B-axis



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

- Fixed column construction
- 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

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

Max. stability through robust design

- Solid floor design offers solid support for very heavy workpieces
- The solid column optimally supports the spindle head and provides for max. stability with heavy duty cutting
- Machine design of strongly ribbed high-quality Mehanitee cast iron
- X/Y/Z axes by default equipped with glass scales to ensure maximum precision
- X/Z axes are box ways
- Quadruple linear guides in heavy-duty design in the Z-axis



Minimal deflection of spindle extension (W-axis)

Specifications		HBW-FC 2017/110	
		78" x 66" travels, 4" spindle	
TABLE	Table dimensions (W/L)	mm	1250x1250 (49x49") x 0.001°
	T-slots	mm	22x7 (0.8x0.02")
	Max. table load	kg	5000 (11,000 lbs)
TRAVELS	Axis travel	X	mm 2000 (78")
		Y	mm 1700 (66")
		Z	mm 1400 (55")
		W	mm 400 [opt. 500] (15" [opt. 19"])
SPINDLE	Diameter	mm	Ø 110 (4")
	Speeds	rpm	10-2500
	Spindle taper		BT-50
DISTANCES	Distance spindle center-table	mm	0-1700 (0-66")
	Spindle-table distance	mm	60-1860 [opt. 0-1820] (2.3-73" [opt. 0-71"])
	Floor-table height	mm	1280 (50")
MOTOR	Main spindle motor	kW	18.5 [opt. 26] (25 Hp [opt. 35 Hp])
	Rapid traverse motor: X/Y/Z/W/B	kW	7/7/7/4/7 (9/9/9/5/9 Hp)
OTHER	Coolant tank	l	400 (105 gal)
	Power requirement	kva	45
	Weight	kg	26000 (572,000 lbs)
Item No.		2630010	

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