



Horizontal boring mill HBW 110 • 130



3-axis digital readout (DRO) is included

- Solid construction with hardened and ground guideways for long-lasting precision results
- Mechanical interlocking of functions for safety
- Slip clutches protect the headstock and the feed gear from damage caused by overload
- Standard tapping unit
- Individual selection of spindle speed and facing head always allows suitable speeds, even for difficult applications
- High flexibility due to full table rotation through 360°
- Effective protection of the bed guideways through telescopic steel covers

Standard configuration

- ✓ 3-axis digital readout
- ✓ Combi tool arbor
- ✓ Boring bar BT 50 Ø50/75 mm (1.97/2.95") (HBW 130)
- ✓ Adjustable stops
- ✓ Leveling pads and bolts
- ✓ Telescopic covers
- ✓ Operation manual

Specifications		HBW 110	HBW 130
		4.3" spindle	5.1" spindle
Spindle diameter	mm	Ø110 (4.3")	Ø130 (5.1")
Table dimensions (W/L)	mm	1100x960 (43x37.5")	1600x1800 (63x70.5")
Max. table load	kg	2500 (5,500 lbs)	10000 (22,000 lbs)
Max. force acting on spindle	N	12250 (2,750 lbf)	31360 (7,050 lbf)
Axis travel	X	mm	2000 (78")
	Y	mm	2000 (78")
Distance spindle center-table	mm	0-900 (0-35.4")	0-1800 (0-70.8")
Vertical head travel	mm	900 (35.4")	1800 (70.8")
Feeds: quill, drilling head and table with the spindle running	Range I	mm/rev	(18) 0.04-6 [8-400 rpm] (0.001-0.24"/rev)
	Range II	mm/rev	(18) 0.01-1.53 [500-1000 rpm] (0.0004-0.06"/rev)
Feeds: facing head, drilling head and table/faceplate rotation	Range I	mm/rev	(18) 0.08-12 (0.003-0.47"/rev)
Tailstock quill travel	mm	600 (23.6")	900 (35.4")
Facing head travel	mm	180 (7")	250 (9.8")
Table rapid feed	m/min	2.5 (98"/min)	
Spindle taper		ISO/SK50 (DIN 69871)	ISO/SK50 (DIN 69871)
Speeds	rpm	(22) 8-1000	(24) 4-800
Face plate speed	rpm	(18) 4-200	(18) 2.5-125
Max. spindle torque	Nm	1225 (900 ftlb)	3136 (2,300 ftlb)
Max. facing head torque	Nm	1960 (1,400 ftlb)	4900 (3,600 ftlb)
Rotary table rotation speed	rpm	1	1.2
Boring accuracy		H7 Ra-1.6	H7 Ra-1.6
Main drive motor	kW	7.5 (10 Hp)	15 (20 Hp)
Dimensions (L/W/H)	mm	4880x2454x2750 (193x97x109")	7030x4660x3800 (277x184x150")
Weight	kg	11500 (25,300 lbs)	29300 (64,500 lbs)
Item No.		2610001	2610002

*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