

Horizontal Boring Machines



Longitudinal and Cross Table Traverse, Vertical Travel of Head Stock and Boring Stay Support are provided with Rapid Movements as well as Feeds
Machine's limit of accuracy is Grade 1 as per Dr. Schlesinger's Test Chart
Special Arrangement to set the Rotary Table perfectly at Right Angle
Safety Clutches provided to disengage facing mechanism, sliding mechanism of cross slide, circular table movement and spindle rod longitudinal movement
Spindle Rod Support Guide provided for vibration control
Boring Head height setting adjustment by hand operated wheel, fitted at the end of Feed Gear Box Motor
Hand Operated lever attached to Head Stock Drive Motor and Feed Gear Box for safe engagement of speed and feed respectively
Centralized control for easy operation

All geared horizontal boring, drilling, facing and milling machine

Model:	HBM - 100	HBM - 110	HBM - 125
Work Spindle Diameter:	100	110	125
Morse Taper:	MT-6	MT-6	MT-6
Max. Longitudinal Movement of Working Spindle:	510	510	600
Number of Spindle Speeds (nos.):	9	9	9
Range of Spindle Speeds (RPM):	15 - 300	15 - 250	12 - 250
Number of Longitudinal Work Spindle Speeds (nos.):	9	9	9
Max. / Min. height of spindle axis from table surface:	1000 / 30	1100 / 30	1200 / 30
Dimensions of Rotary Table:	1030 x 1375	1100 x 1450	1200 x 1500
Longitudinal Table Traverse:	1775	1925	2050
Longitudinal Table Traverse Feeds (Including 1 Rapid):	10	10	10
Traversal Table travel Feeds (Including 1 Rapid):	10	10	10
Vertical Head Stock travel Feeds (Including 1 Rapid):	4	4	4
Rotary Table Automatic Feeds (Including 1 Rapid):	10	10	10
Max. Cross Movement of the Table:	1100	1300	1500
Max. distance between Stay Bearing & Facing Head:	2690	2800	2950
Facing Head Diameter:	555	600	650
Electric Motors (HP):	7.5 & 2	10 & 3	12.5 & 3
Approximate Net Weight (Kgs.):*	11500	14500	18000
Machine Dimensions (meters):	4.7x2.0x2.8	5.0x2.1x2.9	5.3x2.2x3.0
Shipping Volume (m3):	26.50	30.50	35.00

*** Note: The Machines will be shipped in an Open Top Container in Unpacked Condition.**

Standard Equipment: Suitable Electric Motors with Control Switch Board and Panel Board for all operations, one Boring Bar and Handles.

Optional Equipment: Facing Head, Automatic Rapid Travel in Slide of Facing Head while not revolving, Coolant Pump, Revolving Centre for Boring Stay with 6" size 3 Jaw Chuck, Lubricating Pumps (two numbers), Dial Indicators (three numbers), Limit Switches (five numbers), Milling Attachment, Taper Turning Attachment, Threading Attachment.