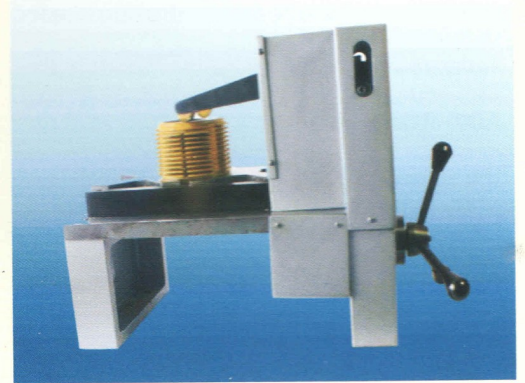


Technical Data - VBM 1000

Boring Capacity	- 62 mm - 150 mm (2.5" - 5.9")
Boring Capacity (Optional)	- 38 mm - 190 mm (1.5" - 7.5")
Spindle Speed (Variable)	- 50 - 600 rpm
Spindle Feed (Variable)	- 0.06 mm / Revolution
Max Boring Head Travels (Standard)	- 600 mm (23.6")
Max Boring Head Travels (Optional)	- -700 mm (27.5")
Max Distance from Spindle Centre to Column	- 360 mm (14.2")
Table Traverse (Longitudinal)	- 950 mm (37.4")
Table Traverse (Longitudinal) Optional	-1200 mm (48")
Table Traverse (Crosswise)	- 100 mm (3.95")
Working Table Size (L X W)	- 1000 X 360 (39.4" X 14.2")
Spindle Motor Capacity	- 1.2 kw / 1.5 hp
Rapid Motor Capacity	- 0.4 kw / 0.5 hp
Height of Machine	- 2100 mm (82.7")
Length of Machine	- 1700 (67.0")
Width of Machine	- 1300 (51.2")
Work Space Required (L X W X H)	- 1700 X 1300 X 2300 (67" X 51.2" X 90.5)
Net Wt. (Approx)	-2500 Kg
Gross Wt (Approx)	-3300 Kg

TWO WHEELER CLAMPING ATTACHMENT (Optional)



Standard Accessories

1. Setting Up Parallel (100 mm)	- 01 Pair
2. Setting Up Parallel (200 mm)	- 01 Pair
3. Boring Spindle (Dia 60)	- 01 No.
4. Spindle Centering Device	- 01 No.
5. Boring Tool Dia 18 X 35	- 01 No.
6. Boring Tool Dia 18 X 45	- 01 No.
7. Boring Spindle (Dia 85)	- 01 No.
8. Boring Tool Dia 18 X 46	-01 No.
9. Boring Tool Dia 18 X 60	-01 No.
10. Chamfering Tool Dia 60	-01 No.
11. Chamfering Tool Dia 85	-01 No.
12. Tool Setting Micrometer	-01 No.
13. TSM Frame With Knob	-01 No.
14. M 16 X 65 'T' bolt, washer with nut	-08 No.
15. Block Tightening Clamp	-04 Nos.
16. Allenkey 4mm ('T' handle)	-01 No.
17. Allenkey 5mm ('T' handle)	-01 No.
18. Allenkey Set (9 Nos.)	-01 Set.

19. Double End Spanner (20-24)	-01 No.
20. Foundation Bolt with Nut	-03 Nos.
21. Levelling Plate	-03 Nos.
22. Table Gib Adjusting Spanner	-01 No.
23. Oil Gun	-01 No.
24. Lifting Hole Cover	-02 Nos.

Optional

Boring Spindle Dia 36, Dia 46, Dia 75, Head Dia 120 & Dia 140
V' type Cylinder block Clamping Fixture
Control Signal Tower Light
DRO System (3 Axis)
Undependable Feed Variable Motor Control
Touch Screen
Depth Measuring Device
Two Wheeler Clamping Device
Quick Clamping Device
Tool Grinder

MAIN FEATURES OF MACHINE

- Well balanced and rigid design that enables carbide tipped tools to be used to their full capacity.
- Base, column, cross slide, table and gear box are of fine grind alloy casting, stress relief after rough machining ensures rugged and vibration free operation of the machine.
- Spindle speed and feed combination to achieve better surface finish and fast boring operation.
- Job facing and chaffering controlling fine feed handwheel located on the right hand side of the boring head for easy operation.
- Tapered gibs used for gear box fixing alignment, for avoiding vibration and achieve better boring accuracy.
- Auto stop of spindle rotation and rapid return of boring head after completion of boring operation is depending up on of the setting of jobs.
- In case of power variation MCB will be tripped off automatically.
- Push button switch starter on the working side of machine for easy operation of machine.
- Gear box and cross slide guide ways fully covered by below and metal covering.
- In the time of setting of bore centre, the reading will be automatically displayed on the dial.
- Maximum safety and protection is combined with maximum output.