

Technical Data (VBM) Model 600

Boring Capacity (Standard)	- $\varnothing$ 48 - $\varnothing$ 96 mm
Boring Capacity (Optional)	- $\varnothing$ 38 - $\varnothing$ 110 mm
Spindle Speed (Variable)	- 50 - 500 rpm
Spindle Feed (Variable)	- 0.06 mm/Revolution
Max Boring Head Travels	- 300 mm (11.81")
Max Distance from Spindle Centre to Column	- 260 mm (10.23")
Table Traverse (Longitudinal)	- 500 mm (19.68")
Table Traverse (Crosswise)	- 40 mm (1.77")
Working Table Size (L x W)	- 500 x 250 mm (19.7" x 9.84")
Spindle Motor Capacity	- 0.75 kw/1 hp
Rapid Motor Capacity	- 0.19 kw/0.25 hp
Height of Machine	- 1550 mm (61.02")
Length of Machine	- 1100 mm (43.30")
Width of Machine	- 1000 mm (39.37")
Work Space Required (LxWxH)	- 1350x1200x2000mm (53.14"x 47.24"x 78.74")
Net Wt (Approx)	- 750 Kgs
Gross Wt (Approx)	- 1000 Kgs

Standard Accessories Model 600

Setting up Parallel (100 mm)	01 pair.
Single Cylinder Block Clamping Device	01 No.
Boring spindle (Dia 46)	01 No.
Spindle Centering Device (dia 46)	01 No.
Boring Tool dia 18 x 37	01 No.
Boring Tool dia 18 x 47	01 No.
Tool Setting Micrometer	01 No.
TSM Frame with knob	01 No.
M12 "T" bolt, washer with nut	04 Nos.
Allenkey 3mm ('T' handle) ($\varnothing$ 36 spindle)	01 No.
Allenkey 3mm ('T' handle)	01 No.
Allenkey set (9Nos)	01 Set.
Double end Spanner (18/19)	01 No.
Foundation Bolt with Nut	03 Nos.
Leveling plate	03 Nos.
Leveling Bolt	03 Nos.
Table adjusting spanner	01 No.
Oil Gun	01 No.
Lifting Hole Cover	02 No.

Optional Accessories

- Boring Spindle Dia 36
- Boring Spindle Dia 60
- Control Signal tower Light
- Tool Grinder



Main Features of Machine (VBM)

- 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 grained 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 chamfering controlling fine feed hand wheel located on the right hand side of the boring head for easy operation.
- Tapered gibes 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 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 guideways fully covered by bellow 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.