



**DRILLING MACHINE**  
**BDM / GT**

# SPECIFICATIONS

(All dimensions are in mm)

Model	Bench BDM/GT	Pedestal PDM/GT
Drilling capacity in steel	: 20	20
Tapping capacity in steel	: M 12	M 12
Morse taper in spindle	: 2	2
Spindle traverse	: 125	125
Vertical adjustment of spindle head	: 425	425
Pillar diameter	: 76.2	76.2
Distance between centre of spindle and column Front	: 200	200
Max. distance between spindle and table	: 300	300
Max. distance between spindle and base	: 600	1015
Table:Working surface	: 370 dia. (With coolant gutter)	370 dia. (With coolant gutter)
Base:Working surface	: 385 x 375	385 x 375
No. of spindle speeds	: 10	10
Range of spindle speeds (rpm)	: 100-142-210-310-450-600 852-1260-1860-2700	100-142-210-310-450-600 852-1260-1860-2700
Feed	: Hand	Hand
Power of the spindle drive motor	: 0.75kW / 1 HP 1400 rpm 415 V AC, 3Ph 50 Hz	0.75kW / 1 HP 1400 rpm 415 V AC, 3Ph 50 Hz
Space Occupied ( L x B x H )	790 x 440 x 1370	790 x 440 x 1780
Net Weight	: 220 Kg	280 Kg

## Extra Accessories :

- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| 1. Drill Chuck with key and arbor | 4. Machine Vice                     |
| 2. Coolant Pump 0.09kW/0.125 HP   | 5. Reduction Sleeves MT 2-I         |
| 3. Machine Lamp                   | 6. D.O.L. Starter with No Volt Coil |

## Note :

- ❖ The vertical adjustment of spindle head and table are manual.
- ❖ As per our usual standard supply, the round table provided does not have coolant channel.
- ❖ If the machine is ordered with coolant pump, then square table size of 300 x 300 with coolant channel will be supplied.
- ❖ The machine can also be supplied with the following speeds on customer's option at extra cost
  - (1) With 0.75kW/1 HP 960 rpm motor :- 65-95-140-205-300-390-570-840-1230-1800 rpm.
  - (2) With 0.75kW/1 HP 720 rpm motor :- 50-70-105-155-225-300-425-630-930-1350 rpm.
- ❖ To facilitate easy tapping operations, the machine can be provided with in-built tapping arrangement at extra cost on customers request.
- ❖ As per our usual standard supply, the machine will be provided with ON/OFF Rotary type switch only.
- ❖ The machine can be supplied as gang drilling version also with number of drilling heads over a common table. specification can be furnished on customers' request.
- ❖ The above specification data are approximate only. Due to constant improvement, design and specification are subject to change without notice.



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