

CAP. 75MM **HEAVY DUTY** ALL GEARED RADIAL DRILLING MACHINE WITH AUTO FEED/FINE FEED SYSTEMS [2 IN 1] AND AUTO LIFTING AND DOUBLE COLUMN SYSTEM AND ELECTRICAL.

MODEL NO: MAAN 75 X 8 / 1900

MANUFACTURED BY :-



Salient features:

- ✓ **Heavy Duty –75mm drilling in Mild steel.**
- ✓ **8step Spindle speeds and 8step auto feeds** for drilling, tapping, reaming operations.
- ✓ This machine may be capable of drilling, milling, tapping, honing, counter-boring, spot- facing, reaming and boring and other similar utilities.
- ✓ Speeds can easily change.
- ✓ Made of high quality & Graded cast-iron with heavy-duty ribbing to ensure very low vibration.
- ✓ Thread tapping operation can be done in either rotation and working depth can be can be control using a positive stop gauge.
- ✓ Double column contraction for rigidity and effortless centering.
- ✓ Generously proportional & well adequately ribbed base plates, column and arm for maximum rigidity and minimum deflection.
- ✓ The high quality of this machine and its ease of operation make it suitable for use by student, amateurs and home hobbyists, as well as skilled technicians.
- ✓ Tapper roller facility for better sliding of drill head on arm guide.
- ✓ Hardened and ground gears for minimum wear and tear.
- ✓ Precision hardened and ground spindle.
- ✓ **Machine Tested as per IS: 2199 – 1982 standards.**



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A. CAPACITY

75MM

B. DRILLING CAP. IN SOLID

1. IN CAST IRON HAVING 180BHN
2. IN MILD STEEL HAVING 200Mpa TENSILE STRENGTH
3. IN STEEL HAVING 600Mpa TENSILE STRENGTH

90MM

75MM

70MM

C. TAPPING CAPACITY

52MM

D. LIGHT BORING CAPACITY

160MM

E. DRILLING HEAD

1. TAPER IN SPINDLE [MORSE TAPPER]
2. SPINDLE TRAVELS – AUTO/MANUAL
5. NO. OF SPINDLE SPEEDS / RANGE
6. NO. OF AUTO FEEDS / RANGE

MT – 6

325MM

8/20 – 1450 RPM

8/0.04 – 0.50

F. ELECTRICAL

1. POWER SUPPLY
2. DRILLING HEAD MOTOR
3. ARM ELEVATING MOTOR

415V, 3PH, 50Hz

10HP [7.4Kw]

3HP [2.2kw]

G. WORKING RANGE

1. DRILLING RADIUS [MIN. / MAX.]
2. DISTANCE BETWEEN BASE PLATES TO SPINDLE MIN/MAX. [SPINDLE RETRACTED]
3. DRILLING HEAD TRAVERSE MAX [MANUAL]
4. VERTICAL TRAVERSE OF ARM [AUTO]
5. ROTATION OF ARM [BOTH SIDE]

540/1905MM

665/1650

1370MM

850MM

0-180 DEG.

H. BASE PLATE

1. WORKING SURFACE [L x W]
3. NO. OF T – SLOTS & NOMINAL SIZE
4. WEIGHT OF MACHINE WITH ELELECTRICALS & STANDARD ACCESSORIES [APPROX] NET / CROSS

1830 x 900MM

4/21

6000/7500KGs

I. BOX TABLE SIZE [L x W x H] MM

740 x 550 x 500

J. WOODEN PACKING DIMENSION in CM [L x W x H]Approx

304CM x 178CM X 292CM



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Optional Accessories: (At Extra Price)

- Box Table
- Coolant Pump with Fitting
- Machine Light
- Drill Chuck with key & arbor
- Drill Sleeve [Reduction Sleeve]
- Drill Vice
- Special T-Bolts
- Foundation Bolt
- Service Tool
- Wooden Box Packing & Forwarding

NOTE: ALL THE ABOVE DESIGNS, DIMENSIONS AND DETAILS ARE APPRXIMATE ONLY AND WE RESERVE THE RIGHT TO ALTER THEM WITHOUT PRIOR NOTICE AS WE ARE IMPROVING THE DESIGN.

