

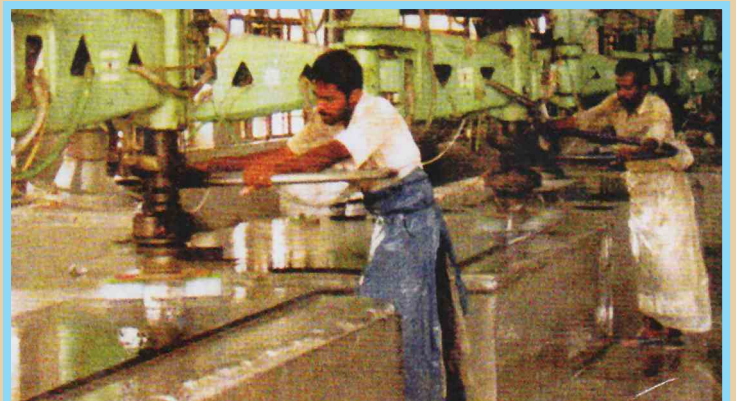
# MANUAL POLISHING MACHINE

SPM I, II & III



\* INTERNATIONAL QUALITY \* EASY OPERATION \* SIMPLE MAINTENANCE \* HIGH QUALITY POLISHING

**WIDER RANGE FOR  
DIFFERENT APPLICATIONS**



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## CHARACTERISTICS

The study and over designed structure gives rigidity and vibration free operation, which in turn gives very high quality polish and production.

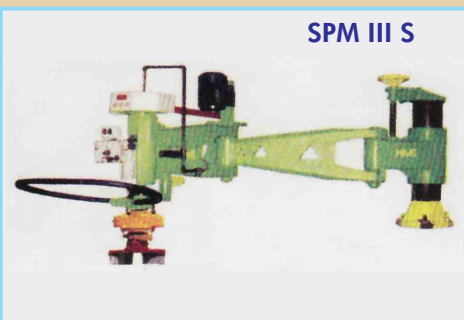
Arms are made out of quality graded casting and machined on high quality boring machine to give very high accuracy and quality to withstand extreme working conditions for long time.

All parts are made out of alloy steel, heat treated and ground wherever necessary for high accuracy and long life. All parts are standardized, so that they are replaceable.

Vertical traverse of the spindle is powered by double acting pneumatic cylinder. All the controls are installed in front of the machine and are easily accessible to the operator. This improves the efficiency of the operator by reducing strain and fatigue.

Machine is fitted with one of the best two bricks, totally enclosed, oscillating head. These oscillating heads are of international quality and need very little maintenance. The help in increasing the production at low cost and higher efficiency of the operator.

## TECHNICAL SPECIFICATIONS



| DESCRIPTION                       | SPM I            | SPM II             | SPM III S/D       |
|-----------------------------------|------------------|--------------------|-------------------|
| MAIN SPINDLE MOTOR                | 3 H.P.           | 3/5 H.P.           | 5/7.5 H.P.        |
| VERTICAL TRAVERSE OF MAIN SPINDLE | 100 mm           | 100 mm             | 125 mm            |
| MAIN SPINDLE SPEED                | 350 RPM          | 350 RPM            | 350 RPM           |
| VERTICAL TRAVERSE OF THE ARM      | 300 mm           | 300 mm             | 400 mm            |
| POLISHING AREA                    | 600 x 1200 mm    | 750 x 2500 mm      | 1000 x 3000 mm    |
| POLISHING CAPACITY (APPROXIMATE)  | 6 Sq. Mts/ Shift | 6/8 Sq. Mts/ Shift | 10 Sq. Mts/ Shift |
| PNEUMATIC VERTICAL MOVEMENT       | YES              | YES                | YES               |
| PNEUMATIC MAXIMUM PRESSURE        | 6 kg /c m        | 6 kg /c m          | 8 kg /c m         |
| PNEUMATIC CYLINDER                | 52 x 100 mm      | 52 x 100 mm        | 63 x 150 mm       |
| OSCILLATING HEAD MODEL            | HOH - I          | HOH - I            | HOH - II          |
| NO. OF BRICKS                     | 2                | 2                  | 2                 |
| SIZE OF BRICKS (H x L)            | 50 x 150 mm      | 50 x 150 mm        | 50 x 140 mm       |
| WATER CONSUMPTION                 | 5 Lts. /Min.     | 6 Lts. /Min.       | 10 Lts. /Min.     |
| RECOMMENDED FOR                   | TILES            | TILES / SLABS      | SLABS             |
| SPACE REQUIREMENT (W x L)         | 1500 x 2000 mm   | 1500 x 2800 mm     | 2500 x 3500 mm    |

## TWO BRICK OSCILLATING HEADS FOR MANUAL POLISHING MACHINE



| Model  | Suitable for      | Brick Size        | Power  |
|--------|-------------------|-------------------|--------|
| SOH 0  | Side Polishing    | 40 x 65 mm        | 3 HP   |
| SOH 1  | Tiles / Slabs     | 50 x 140 mm       | 3/5 HP |
| SOH II | Slabs / Monuments | 50 x 140 / 180 mm | 7.5 HP |

The specifications above are for information only. The manufacturer reserves the right to make any change to the above features.



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