

RAMAN

SURFACE GRINDING MACHINE



RAMAN MACHINERY CORPORATION

Distributors & Exporters of Machinery & Machine Tools

Ground Floor, Sterling Apartments, Distillery Road, Ranigunj, Secunderabad - 500 003 (T.S.) India

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The Structure :-

The machine is built of heavy duty high grade cast iron. Base is built of hand scraped to achieve fine tolerance & accuracy. Reciprocation table provide V & Flat (guide) ways lining with TURCITE - B for easy movement.

The Wheel Head :-

The Wheel head spindle hardened & ground, runs with precision angular-contact bearings with imported greece to have long trouble free service and driven by frange mounted motor through flexible couplings.

The Microfeed System :-

Wheel head - slide movement right side in the base. Wheel head feed least count in 0.01 mm and microfeed least count in 0.002 mm.

:- SPECIFICATIONS :-

| Model | RAMAN-1 | RAMAN-2 |
|---|--------------------------------|-------------------------------|
| Working surface of the table | 225 x 450 mm | 200 x 600 mm |
| Maximum height from table to grinding wheel | 275 mm | 275 mm |
| Verticle feed least count | 0.01 mm | 0.01 mm |
| Microfeed least count | 0.002 mm | 0.002 mm |
| Crossfeed least count | 0.05 mm | 0.05 mm |
| Spindle speed | 2800 rpm | 2800 rpm |
| Size of Grinding Wheel (Dia x Width x Bore) | 200 x 13 x 31.75 mm | 200 x 13 x 31.75 mm |
| Magnetic chuck (recommended) | 200 x 450 mm | 250 x 600 mm |
| Electric motor | 0.75kw / 1hp 3ph / 2800 rpm | 1.5kw / 2hp 3ph / 2800 rpm |

Standard Accessories

- ◆ Balancing stand & mandrel ◆ Diamond dresser with holder ◆ Lubrication pump ◆ Toolkit
- ◆ One grinding wheel with flange ◆ Motor stater

Optional Accessories

- ◆ Parmanent magnetic chuck ◆ Coolant equipment ◆ Machine lamp (230v AC)
- ◆ Wheel flange unit

Note :

As improvement are made from time to time. These specifications are subject to change without prior notice and are not binding on us. inspection at our sight before delivery.

Our Other Products :

CYLINDRICAL GRINDING MACHINE



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