


rapidrill II

EDM Drill



Fast drilling in hard metals



Features

- Small hole drilling in hard metals
- Both brass and copper electrode tubes can be used
- Large drilling range
- Tap water is used as dielectric fluid
- Granite work table ensures longer life
- Precision DC servo control to maximise drilling stability and speed
- Compact footprint



Electrode : Ø 0.3~ Ø 3.0 mm



Electrode : BS Ø 0.5



Electrode : Ø 0.5, Ø 1.0



Hole : Ø 1.05 mm

Technical Specifications

| Machine Tool | Rapidrill II |
|------------------------------|---------------------------|
| Work table | 450 x 300 mm (Granite) |
| X & Y axes travel | 350, 250 mm |
| Z axis travel | 350 + 300 mm |
| Max. electrode length | 400 mm |
| Size of electrode dia. | Ø 0.3 ~ 3.0 mm |
| Max. drill depth | ≥ 300 mm |
| Max. coolant pressure | 6 MPA |
| Max. weight of the workpiece | 350 kg |
| Connected load | 3 kVA |
| Work tank | 800 x 450 mm |
| Input power supply | 3 phase, AC 415 V*, 50 Hz |
| Net weight | 750 kg |
| Machine footprint | 950 x 850 x 1980 mm |
| Max. machining current | 30 A |

| Technology | |
|---------------------|--|
| Job material | Steel / Brass / Aluminium / Carbide / other conducting materials |
| Dielectric | Tap water / Coolant soap |
| Max. drilling speed | 20 - 60 mm / min (dia1.0 mm) |

Standard Scope of Supply

| | |
|--|---|
| Filter | ✓ |
| Tool-box and tools | ✓ |
| Halogen lamp | ✓ |
| Electrode holder | ✓ |
| 0.5 and 1.0 mm guide - 1 no. for each size | ✓ |
| 0.5 and 1.0 mm seals - 10 nos. | ✓ |
| Electrode wire - 1 piece | ✓ |
| Brass tubes - 20 pieces | ✓ |
| Ball Screws for X, Y | ✓ |
| Motorised movement for back slide | ✓ |
| Lubrication pump | ✓ |
| Scale drum for X & Y axes | ✓ |

In keeping with our constant endeavour to meet ever-changing market needs, we reserve the right to alter or change the specifications mentioned without prior notice.

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