

PILLAR TYPE DRILLING MACHINE

Introduction

Compact and Mobile "Core-drill" machine drills through concrete and rock to take out cores for the preparation of laboratory test samples. Two speed gear box gives the machine enough flexibility to cut in the hard rock or concrete. The whole assembly moves on a sturdy pillar through rack and pinion arrangement for initial vertical adjustment of the barrel tip. The angle of cutting can be adjusted right from 0° to 360°. Feed is given by a lead screw through worm wheel drive. A core of 450 mm length can be easily taken as against 600 mm travel of the slide. Wheels are provided at the base for the ease of mobility. Coolant pump is included as standard along with the machine. Machine proper is supplied without bits.



HR72.10

HR72.10 Drilling Machine powered with 2 H.P., 220 volts, single phase, 50 Hz motor.

HR72.11 Drilling machine powered with 2 H.P. 3 phase, 440 volts motor.

Drill Bits & Barrels

Diamond Impregnated Thin Walled Core Bits

- i) **HR72.08.03**
Bit for core of dia 21.5 mm (7/8")
- ii) **HR72.08.04**
Bit for core of dia 30.0 mm (1 1/8")
- iii) **HR72.08.05**
Bit for core of dia 42.0 mm (1 5/8")
- iv) **HR72.08.06**
Bit for core of dia 54.7 mm (2 1/8")
- v) **HR72.08.07**
Bit for core of dia 75.0 mm (3")
- vi) **HR72.08.10**
Bit for core of dia 100.0 mm (4")
- vii) **HR 72.08.15**
Bit for core of dia 150.0mm

Single Tube Core Barrels

- i) **HR72.10.21**
21.5 mm x 300 mm long
- ii) **HR72.10.22**
30.0 mm x 350 mm long
- iii) **HR72.10.23 For Bx**
42.0 mm x 400 mm long
- iv) **HR72.10.24 For Nx**
54.7 mm x 450 mm long
- v) **HR72.10.25**
75.0 mm x 450 mm long

- vi) **HR72.10.26**
100.0 mm x 450 mm long



- vii) **HR72.10.27**
150.0 mm x 450 mm long

ACCESSORIES

Extension rod 23cm long