

Radial Drilling Machine AR40

'ARSUN' AR40 Series of Radial Drills are designed to offer rigidity, precision and easiness in operation.

Features

- Heavy Duty – 40mm drilling in steel.
- Wide range of 8 spindle speeds for drilling, tapping, reaming and boring operations.
- Six auto power feeds: 0.05 to 0.3mm per revolution.
- Auto feed disengages at preset depth as well as too high or abnormal drilling pressure.
- Hardened and lapped alloy steel gears fitted on splined shafts in main drive gearbox runs in an oil bath.
- Hardened and precision ground spindle sleeve.
- Double column construction for rigidity and effortless centering.
- Arm & drill head guide ways are precisely ground for minimum play & rigid clamping of drill head with arm.
- Well adequately ribbed base-plate, inner column & arm for maximum rigidity and minimum deflection
- Machines are inspected as per IS: 2199-1962 Standards.

Specifications

CAPACITY

Drilling in Steel	mm	40
Drilling in C.I.	mm	50
Tapping in Steel	mm	24
Tapping in C.I.	mm	33
Boring in Steel	mm	80

DRILLING HEAD

Spindle nose taper	mm	MT4
Spindle stroke		250
Nos. of spindle speeds		8
Range of spindle speeds	rpm	45 ~ 1125
Nos. of power feeds		6
Range of power feeds	mm/rev	0.05 ~ 0.3

WORKING RANGE

Column sleeve diameter	mm	250
Column to spindle center (min/max)	mm	410/1135
Base plate to spindle nose (min/max)	mm	385/1185
Drilling head traverse	mm	725
Arm traverse	mm	800

BASE PLATE

Working surface	mm	1000 x 800
Cast T-Slots: nos/width/pitch	mm	3 / 23 / 200

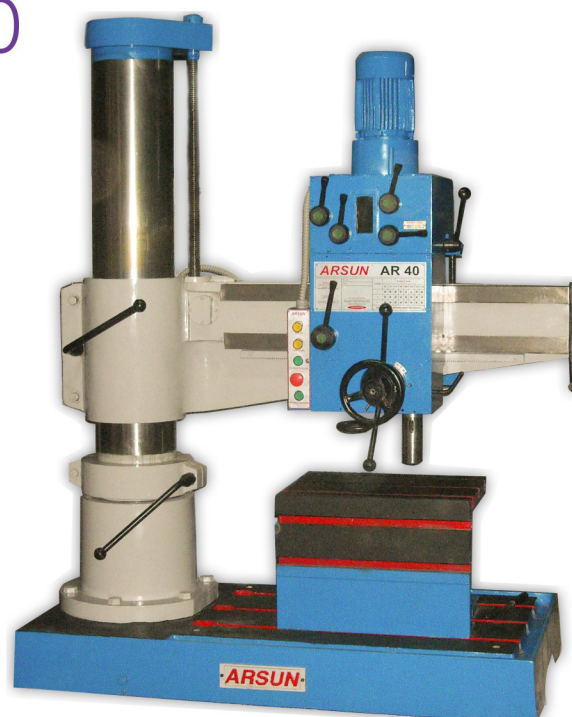
POWER

Main motor	kw/rpm	1.5 (2 hp) / 1440
Arm lifting motor	kw/rpm	1.1 (1.5 hp) / 1440

WEIGHT

Kg	1700
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Illustration & specifications are subject to modification and improvement without notice.



- ⊗ PRECISE
- ⊗ HEAVY DUTY
- ⊗ HIGHLY PRODUCTIVE



UR50



UR30



AR50

Standard

- Spindle Motor & Arm Lifting Motor
- Box Table size – 550X400X400mm
- 0.16HP Coolant Pump with fittings
- Built-in Coolant Tank
- Electrical suitable for 415V/50Hz/3Phase AC supply
- Operation Manual

ARSUN ENGINEERS

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