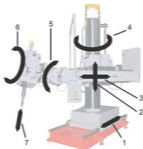


UR50

Portable Radial Drill with Universal Drill Head

ARSUN



ARSUN UR50 is a Portable Radial Drill with Universal Drill-head, which is designed to offer rigidity, precision and flexibility to drill at any angular direction.

The drill head swivels on 2 planes - 90° up & 90° down, and its 360° rotational movement makes possible the drilling operation at any angular direction. The model UR50 is having 50mm drilling capacity in steel.

This machine finds application for heavy engineering & fabrication jobs, large machine tools and forming machines, turbines, generators, compressors and boilers manufacturing, steel constructions, containers, bridge production, chemical equipment, furnaces of cement works, ship building, defense equipment, etc.

Specifications

CAPACITY		
Drilling capacity in Steel	mm	50
Drilling capacity in Grey Cast Iron	mm	65
Tapping capacity in Steel		M48
DRILLING SPINDLE		
Drilling head swivel		360°
Angle of arm rotation		360°
Angle of drill head swivel from horizontal upward & downward		90°
Taper in spindle		MT5
Max. Spindle travel	mm	350
Nos. of Spindle speed	nos.	15
Spindle speeds range	rpm	16 ~ 800
Nos. Power feed	nos.	6
Power feeds range	mm/rev	0.05 ~ 0.5
WORKING RANGE		
Maximum Vertical displacement of arm	mm	1250
Maximum Horizontal movement of arm	mm	900
Distance of spindle axis from column face with spindle in vertical position	mm	2070/1170
Drilling radius with spindle in vertical position	mm	2270/1370
Max/Min distance from spindle nose to floor level	mm	1555/305
Column travel along bed	mm	1200
ELECTRIC DATA		
Main electric motor	kw	4
Total electric power required	kw	10.25
SIZE & WEIGHT		
Overall size of clamping bed	mm	2630 x 1050 x 260
Max. working dimensions of the machine	mm	5740 x 4540 x 3400
Machine weight	kg	6800 (approx)

Design & Specifications data are subject to change due to improvements/modifications
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Features

- Robust & rigid machine with easy operation.
- Powerful : 50mm drilling in steel at any angular direction.
- Easily transportable : capable of moving easily.
- The drill-head rotates 360° and swivels 90° up & 90° down.
- Wide range of 15-speeds and 6-power feeds for drilling, tapping and reaming operations.
- Arm up/down, arm traverse, head tilting, head swiveling, column traverse along bed, sleeve lock/unlock - all movements are motorized with easy pendant control.
- Well adequately ribbed bed, saddle, inner column, arms and drill-head offer maximum rigidity and minimum deflection.
- Ideally suitable for large & stationary jobs, for drilling hard to reach places and on-site drilling.

Standard Equipment

- Set of Sleeves - Morse 5/4, 4/3, 3/2, 2/1
- Motorized lubrication pumps
- Machine lifting arrangement at sleeve top
- Tool Kit
- Operation & Parts manual
- Electrical suitable for 415V/50Hz/3Ph AC Supply

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