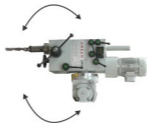


UR30

Portable Radial Drill with Universal Drill Head

ARSUN



'ARSUN' UR Series of Portable Radial Drill with Universal Drill Head is most suitable for drilling operations on heavy and sizeable components which require quick and efficient preparations in terms of capacity as well as accuracy.

The Machine is designed to offer rigidity, precision and flexibility to drill at any angular direction. The drill head swivels on 2 planes - 90° up & down, and its 360° rotational movement makes possible the drilling operation at any angular direction. The model UR30 is having 30-mm drilling capacity in steel.

This machine finds application for drilling, reaming and tapping operations on components of large machine tools and forming machines, turbines, generators, compressors, different kind of steel constructions, boilers, containers, chemical equipment, furnaces of cement plants, ship building, etc.

Specifications

CAPACITY		
Drilling capacity in Steel	mm	30
Drilling capacity in Grey Cast Iron	mm	35
Tapping capacity in Steel		M25
DRILLING SPINDLE		
Drilling head swivel		360°
Angle of arm rotation		360°
Angle of drill head swivel from horizontal upward & downward		90°
Taper in spindle (spindle nose taper)		MT4
Max. Spindle travel	mm	200
Nos. of Spindle speed	nos.	8
Spindle speed range	rpm	53 ~ 900
Nos. Power feed	nos.	5
Power feed range	mm/rev	0.06-0.1-0.15-0.2-0.25
(Optional 0.08-0.16-0.25-0.32-0.4)		
WORKING RANGE		
Maximum Vertical displacement of arm	mm	700
Maximum Horizontal movement of arm	mm	700
Max/Min Spindle reach:	mm	1550/850
Distance of spindle axis from column face with spindle in vertical position		
Drilling radius with spindle in vertical position	mm	1675/975
Distance from spindle nose to floor level with spindle in vertical position - min/max	mm	425/1125
Distance from spindle axis to floor level with spindle in horizontal position - min/max	mm	270/2100
ELECTRIC DATA		
Main electric motor	kw	1.5
Total electric power required	kw	6.15
SIZE & WEIGHT		
Overall size of base- Length x Width x Height	mm	1250 x 1000 x 200
Machine weight	kg	2500 (approx)

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

- Heavy duty – 30mm drilling in steel at any angular direction.
- While depth drilling, auto feed disengages at preset depth and/or at too high drilling pressure.
- The drill-head rotates 360° and swivels 90° up & 90° down.
- Arm up/down, arm traverse, head rotation, head swiveling, etc. – all movements are motorized with easy remote control.
- Well adequately ribbed base, saddle, inner column, arms, skew bracket and drill-head offer maximum rigidity and minimum deflection.
- Wide range of 8-speeds and 5-power feeds for drilling, tapping and reaming operations
- Ideally suitable for large & stationary jobs and for site work.

Standard Equipment

- Set of Sleeves - Morse 5/4, 4/3, 3/2, 2/1
- Automatic Lubrication System
- Machine Lifting Arrangement at Column Top
- Electrical suitable for 415V/50Hz/3Ph AC Supply
- Tool Kit for Machine Operation & Maintenance
- Operation, Maintenance & Parts Manual

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