

# **RADIAL DRILLING MACHINES**

## **RD SERIES**

### STANDARD FEATURES

- Parts and components are durable through first class heat treatment
- High-strength cast iron or special steel is used for critical components.
- Basic components are provided with stable precision through specialized processing
  - Hydraulic power can realize spindle variable speed flexibly on the safe side
  - Economic cutting is available for multi-step spindle rotation speed and feed
  - Hydraulic power can realize clamping and unclamping quickly on the safe side
- Quick and convenient to operate under the mechanical, electrical and hydraulic control over the headstock



## TECHNICAL SPECIFICATIONS

TABLE	UNITS	RD 63/80	RD 100/125
Max. drilling diameter	mm in	63/80 2.48/3.13	100/125 3.93/4.92
Distance between spindle axis and column (Max)	mm in	2000/2500 78.74/98.42	3150/4000 124/157.4
Distance between spindle axis and column (Min)	mm in	450/500 17.71/19.68	570/600 22.44/23.62
Distance between spindle axis and working surface of machine base (Max)	mm in	1600/2000 62.99/78.74	2500 98.42
Distance between spindle axis and working surface of machine base (Min)	mm in	400/550 15.74/21.65	750 29.52
Spindle travel	mm in	400/450 15.74/17.71	500/560 19.68/22.04
Spindle taper (Morse)	-	6-May	Jun-80
Range of spindle speed	r/min	20-1600/ 16-1250	8-1000/ 6.3-800
Number of spindle speed	-	16	22
Range of spindle feeds	mm in	0.04-3.2 .001-0.12	0.04-3.2 .001-0.12
Number of spindle feeds	-	16	16
Worktable dimensions	mm in	800×630×500 / 1000×800×560 31x24x19 / 39x31x22	1250×800×630 49x31x24
Travel of spindle headstock	mm in	1550/2000 61.02/78.74	2580/3400 101.57/133.85
Max. torque of spindle	nm	980 / 1568	2450 / 3136
Power of main motor	kw hp	5.5/7.5 7.37/10.05	15/18.5 20.11/24.80
Lifting distance of swing arm	mm in	800/1000 31.49 / 39.37	1250 49.21
Weight of the machine	kg lb	7000/11000 15432 / 22250	20000/28500 44092 / 62831
Overall dimensions of the machine	mm	3080×1250×3205 / 3730×1400×3795	4660×1630×4525 / 4960×2151×4950
	in	123x50x130 / 149x56x151	186x65x181 / 198x86x198