



Radial drilling Machine

RD

2" to 4" capacity



- The Radial Drill Arm includes an IC Timer with one button press
- Operation is simple, as it automatically moves up, down, stops, and clamps
- The spindle retains original position after the tools are changed
- The oil pump is furnished exclusively for cycling gear types to cool off precise gears inside the gear box and prevent excessive wear

Standard configuration

- Tool kit
- Cooling device (pump included)
- Work light
- Box-type work table

Specifications				RD						
				50 S 2" short		50 L 2" long		60 M 2.4" medium		60 L 2.4" long
Capacity	Drilling	Steel	mm	Ø32 (1.3")		Ø50 (2")				
		Cast iron	mm	Ø50 (2")		Ø60 (2.4")				
	Tapping	Steel	mm	Ø25 (1")		Ø40 (1.6")				
		Cast iron	mm	Ø32 (1.3")		Ø50 (2")				
Column diameter		mm	210 (8.3")		300 (11.8")		320 (12.6")			
Max spindle-column distance		mm	750 (29.5")		950 (37.4")		1275 (50.2")		1600 (63")	
Min spindle-column distance		mm	225 (8.8")		210 (8.26")		305 (12")		350 (13.8")	
Spindle head travel		mm	550 (21.25")		755 (29.7")		970 (31.82")		1250 (49.2")	
Max base-spindle		mm	1050 (41.3")		1225 (48.2")		1330 (52.3")		1420 (56")	
Min base-spindle		mm	260 (10.2")		385 (15.15")		441 (17.4")		465 (18.3")	
Elevating height of arm		mm	580 (22.8")		625 (24.6")		625 (24.6")		680 (26.5")	
Box table dimensions		mm	600x445x380 (24x18x15")				635x520x420 (25x20x17")		630x500x500 (24x20x20")	
Dimensions of base		mm	1260x640x160 (50x25x6")				1830x785x185 (72x31x7.25")		2550x970x200 (100x38x8")	
Spindle taper			MT 4				MT 5			
Stroke of spindle		mm	210 (8.26")				270 (10.6")			
Speeds		rpm	88-1500				56-1450			
Feed of spindle		rev	0.05, 0.09, 0.15				0.06, 0.10, 0.2			
Main drive motor		kW	1.5 (2 Hp)				3.7 (5 Hp) (2-speed)			
Elevating motor		kW	0.7 (1 Hp)				0.7 (1 Hp)		1.5 (2 Hp)	
Clamping motor		kW	-				0.7 (1 Hp)			
Coolant equipment		kW	0.09 (.125 Hp)				0.09 (.125 Hp)			
Overall height		mm	2160 (85")		2340 (92")		2795 (110")		2760 (109")	
Base + column height		mm	1820 (71.6")		2020 (79.5")		2070 (81.5")		2186 (86")	
Weight		kg	1175 (2,585 lbs)		1280 (2,816 lbs)		2300 (5,070 lbs)		3300 (7,275 lbs)	
Shipping weight		kg	1320 (2,904 lbs)		1400 (3,090 lbs)		2500 (5,510 lbs)		3650 (8,030 lbs)	
Shipping dimensions		mm	1630x810x2160 (64x32x85")		1800x810x2210 (71x33x86")		2220x1000x2240 (87x39x88")		2700x1130x2430 (106x45x96")	
Item No.			2500020		2500022		2500025		2500026	

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.



- Friction type disc clutch absorbs all impact force caused by vertical movement of the spindle and effectively protects all transmission units inside the gear box
- Quick spindle return speeds up the tapping operation
- A special arm-elevating safety device prevents the arm from falling abruptly after many years of use
- Avoids potential injuries when the copper nut is excessively worn
- The gear box uses high-speed precision gears which are mechanically shifted for easy manipulation
- Model is highly efficient, with sufficient horsepower and a low level of noise

Optional configuration

- Uni-tilt table tilts full 90 degrees
- Calibrated indicator shows that the degree of tilt has accurately planed the top

Specifications				RD		
				70 M	70 L	100
				2.75" medium	2.75" long	4"
Capacity	Drilling	Steel	mm	Ø65 (2.5")		Ø80 (3.1")
		Cast iron	mm	Ø70 (2.75")		Ø100 (3.9")
	Tapping	Steel	mm	Ø50 (2")		Ø65 (2.6")
		Cast iron	mm	Ø60 (2.4")		Ø75 (3")
Column diameter			mm	432 (17")		550 (21.7")
Max spindle-column distance			mm	1550 (61")	2000 (78.75")	2500 (98.4")
Min spindle-column distance			mm	440 (17.3")		500 (19.7")
Spindle head travel			mm	1640 (64.5")	1610 (63.7")	2000 (78.7")
Max base-spindle distance			mm	1600 (63")	1950 (76.8")	2000 (78.7")
Min base-spindle distance			mm	380 (15")	395 (15.5")	550 (21.7")
Elevating height of arm			mm	875 (34.4")	1185 (46.6")	1000 (39.3")
Box table dimensions			mm	700x500x400 (28x20x16")	1000x800x500 (39x32x20")	1000x800x560 (39x31x22")
Dimensions of base			mm	2470x1030x200 (97x41x8")	2920x1120x260 (115x44x10")	3520x1400x320 (139x55x13")
Spindle taper				MT 5		MT 6
Stroke of spindle			mm	370 (14.6")		450 (18")
Speeds			rpm	35-1890		16-1250
Feed of spindle			rev	0.07-0.96 six steps		0.04-3.2
Main drive motor			kW	5.6 (7.5 Hp)		8 (10 Hp)
Elevating motor			kW	1.5 (2 Hp)	2 (3 Hp)	3.7 (5 Hp)
Clamping motor			kW	0.7 (1 Hp)		0.7 (1 Hp)
Coolant equipment			kW	0.09 (.125 Hp)		0.19 (.25 Hp)
Overall height			mm	3130 (123")	3520 (139")	3990 (157")
Base + column height			mm	2660 (105")	3050 (120")	3850 (152")
Weight			kg	4250 (9,250 lbs)	5600 (12,345 lbs)	11000 (24,200 lbs)
Shipping weight			kg	4700 (10,340 lbs)	6100 (13,420 lbs)	12500 (27,500 lbs)
Shipping dimensions			mm	2820x1450x2930 (111x57x115")	3200x1450x3300 (126x57x130")	4160x11880x3850 (164x74x152")
Item No.				2500027	2500028	2500029

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