



# 1249H / 1363H

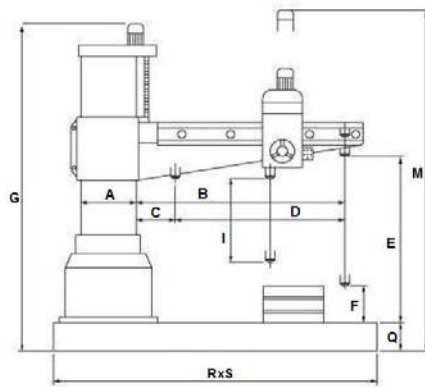
## RADIAL DRILL MACHINES

### Features

- Hydraulic clamping system of column, arm, and head controlled by push button switch
- Power elevating motor arm with anti-fall safety device
- Hardened and precision ground arm ways
- The arm is made of high quality cast iron through heat treatment process and precision grinding
- The spindle is counter balanced by means of an adjustable block
- Limit safety device for operation
- Built-in coolant system and work light
- 5 HP 2-speed spindle motor



Machine may be shown with optional accessories.



## SPECIFICATIONS

DESCRIPTION	1249H	1363H	
Diameter of column	11.81" (300 mm)	12.60" (320 mm)	A
Max. distance from column surface to spindle center	49.21" (1250 mm)	62.99" (1600 mm)	D+C
Min. distance from column surface to spindle center	14.17" (360 mm)	13.78" (350 mm)	C
Travel of spindle head	35.04" (890 mm)	49.21" (1250 mm)	D
Max. distance from base surface to spindle end	52.95" (1345 mm)	55.71" (1415 mm)	E
Min. distance from base surface to spindle end	17.32" (440 mm)	18.31" (465 mm)	F
Elevating height of arm	24.41" (620 mm)	26.77" (680 mm)	E-F-I
Effective area of box table	25.00" x 20.47" x 16.54" (635 x 520 x 420 mm)	24.80" x 19.69" x 19.69" (630 x 500 x 500 mm)	
Dimensions of base	70.28" x 30.91" x 7.48" (1785 x 785 x 190 mm)	93.11" x 38.19" x 7.87" (2365 x 970 x 200 mm)	RxSxQ
Taper hole spindle	MT #5		
Stroke of spindle	10.63" (270 mm)		I
Spindle speed (rpm x steps)	56 ~ 1450 rpm x 12		
Feed of spindle (rev. x steps)	0.0024", 0.0039", 0.0079" (0.06, 0.10, 0.20 mm) x 3		
Main motor	5 HP 2-speed motor		
Elevating motor	1 HP	2 HP	
Hydraulic clamping motor	1 HP		
Coolant pump motor	1/8 HP		
Max. machine height from floor	104.13" (2645 mm)	108.66" (2760 mm)	M
Base + column height	81.89" (2080 mm)	86.06" (2186 mm)	G
Net weight approx.	5070 lb. (2300 kg)	7275 lb. (3300 kg)	
Gross weight approx.	5510 lb. (2500 kg)	8380 lb. (3800 kg)	
Drilling capacity	Steel	Ø 1.97" (50 mm)	
	Cast iron	Ø 2.36" (60 mm)	
Tapping capacity	Steel	Ø 1.57" (40 mm)	
	Cast iron	Ø 1.97" (50 mm)	
Shipping dimensions (LxWxH)	82" x 40" x 89" (2060 x 995 x 2240 mm)	106" x 45" x 95" (2670 x 1120 x 2410 mm)	

• Specifications are subject to change without notice for further design improvements.



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