

VICTOR[®]
MACHINES

C-1463

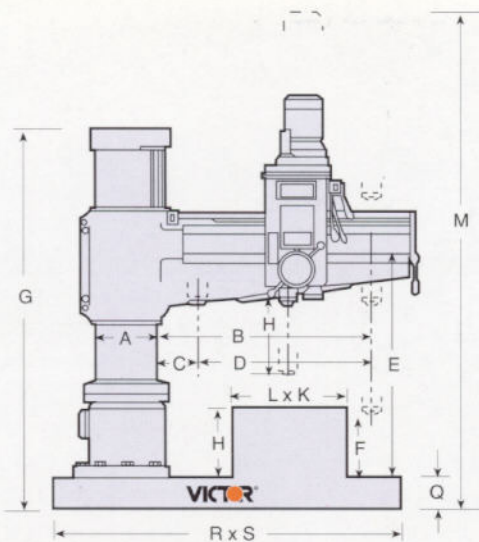
RADIAL DRILL MACHINE

FEATURES

- Equipped with hydraulic STEP BY STEP clamping system, with proper selection on push button switch, column, arm, gear box can be clamped/released independently. Very easy to be operated, and tools will always stay at the same point after tools shifting.
- Exclusively for gears type cycling oil pump is furnished to cool off precise gears inside gearbox, and minimize excessive wear on gears to a lowest extent.
- Friction type disc clutch is adopted to absorb impact force caused by vertical movement of spindle, and effectively protect all transmission units inside gearbox. With the function of quick spindle return, this clutch will also help us to speed up our tapping operation.
- Special designed manual tools ejector (drift) is supplied. (Automatic tools ejector is optional)
- Special arm elevating safety device is provided to prevent arm from falling down abruptly after years of usage. It will keep us from injurious dropping whenever the copper nut is excessively worn.
- Free speed pre-selection, speed change is hydraulically actuated. Fast and is very easy to be operated.



- * FULL AUTO HYDRAULIC CLAMPING
- * FREE SPEED PRESELECTING
- * HYDRAULIC SPEED CHANGE



1. P/B switch for spindle start
2. P/B switch for spindle stop
3. P/B switch for arm lifting
4. P/B switch for arm lowering
5. Selector for STEP clamping
6. Emergency stop
7. P/B switch for clamping
8. P/B switch for unclamping
9. Lever of spindle HYDRAULICALLY forward/reverse turn
10. Control lever for clutch
11. Hand wheel for fine feed
12. Knob for spindle speed selection
13. Knob for feed rate selection
14. Horn for auto and manual feed
15. Hand wheel for head horizontal movement
16. Regulator for feed depth selection and fine adjustment
17. Dial for feed depth indication
18. Spindle
19. Sight glass
20. Oil level sight glass
21. Sight glass for lube check
22. Work light
23. Coolant switch

SPECIFICATIONS

ITEMS	MODEL	C-1463	NOTE	
Diameter of column		13-3/4" (350 mm)	A	
Max. distance from column surface to spindle center		63" (1,600 mm)	D+C	
Min. distance from column surface to spindle center		13-3/4" (350 mm)	C	
Travel of spindle head		49-1/4" (1,250 mm)	D	
Max. distance from base surface to spindle end		48" (1,220 mm)	E	
Min. distance from base surface to spindle end		13-3/8" (340 mm)	F	
Elevating height of arm		34-5/8" (880 mm)	E-F	
Effective area of box table		19-5/8" x 24-7/8" x 19-5/8" (500 x 630 x 500 mm)	L x K x H	
Dimensions of base		93-11/16" x 38-9/16" x 8-1/16" (2,380 x 980 x 205 mm)	R x S x Q	
Taper hole spindle		M.T. #5		
Stroke of spindle		12-3/16" (315 mm)		
R.P.M. of spindle (rpm x steps)		25 ~ 2,000 rpm x 16 steps		
Feed of spindle (rev. x steps)		0.04 ~ 3.2 rev. x 16 steps		
Main motor (two speed motor)		5 HP (3.7 KW)		
Elevating motor		2 HP (1.5 KW)		
Clamping motor		1 HP (0.75 KW)		
Coolant pump		1/8 HP (0.093 KW)		
Max. machine height from floor		110-11/16" (2,810 mm)	M	
Net weight (approx.)		7,700 lb. (3,500 kg.)		
Gross weight (approx.)		9,020 lb. (4,100 kg.)		
Packing measurement (L x W x H)		108" x 52" x 100" (2,743 x 1,320 x 2,540 mm)		
Capacity	Drilling	Steel (S45C)	2" (50 mm)	
		Cast iron (F20C)	2-3/8" (60 mm)	
	Tapping	Steel (S45C)	1-3/4" (45 mm)	
		Cast iron (F20C)	2-1/8" (55 mm)	
	Boring	Steel (S45C)	4-1/4" (110 mm)	
		Cast iron (F20C)	6-1/2" (165 mm)	

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

STANDARD MACHINE ACCESSORIES

1. Tools	1 set	2. Cooling pump	1 set	3. Lamp	1 set	4. Box table	1 set
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OPTIONAL MACHINE ACCESSORIES

Inclinable work table

