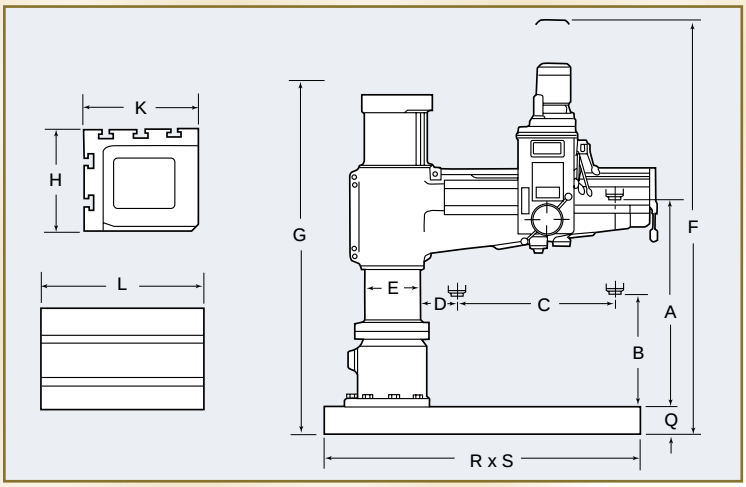
Clausing Radial Drills

Model CL1600H

Features and Standard Equipment:

- Equipped with hydraulic SEPARATE clamping unit. Vertical movement of arm is coordinated by an IC TIMER. With a single touch on push button switch, you can have arm unclamped then move vertically, or stop then clamp automatically. Very easy to operate, and tools will always stay at the same point after tool shifting.
- Gears in gear box are cooled by oil cycled by an oil pump to minimize gear wear.
- Friction type disc clutch absorbs impact force caused by vertical movement of spindle, and protects all transmission units inside gear box. With quick spindle return, the clutch will help speed-up the tapping operation.
- Special automatic tool eject device is supplied to allow you to change tools quickly. (No drifter is required)
- Special arm elevating device is provided to prevent arm from falling down abruptly after years of usage.
- Coolant System
- Tool kit and manuals

Dimensions:



Capacities:

Model		CL1600H
Capacity		
Drilling	In Steel	2-3/16"
	In Cast Iron	2-3/4"
Tapping	In Steel	2"
	In Cast Iron	2-3/8"
Boring	In Steel	5"
	In Cast Iron	7-3/8"

Specifications:

Model	CL1600H
Working Area	
Column Sleeve Dia. (E)	17"
Column Face to Spindle Center	
Maximum (D+C)	62-5/8"
Minimum (D)	15-3/8"
Spindle Head Travel (C)	47-1/4"
Arm Vertical Travel (A-B)	35-7/16"
Arm Rotation (Right & Left)	180°
Base Surface to Spindle End	
Maximum (A)	63"
Minimum (B)	13"
Baseplate Working Surface	70-7/8" x 40-3/8"
Box Table Area	
Top (L x K)	27-5/8" x 19-5/8"
Side (H x L)	27-5/8" x 15-3/4"
Base Dimensions	
Floor Area (R x S)	97-5/8" x 41-11/32"
Height (Q)	8-1/4"
Drilling Head	
Spindle Taper	MT#5
Spindle Stroke	14-9/16"
Quill Diameter	3.937"
Spindle Speeds (rpm)	40-1920
Number of Spindle Speeds	12
Spindle Feed Rate (in/rev.)	0.0028" x 0.378"
Number of Feeds	6
Spindle Drive Motor	7.5 hp
Elevating Motor	2 hp
Clamping Motor	1 hp
Coolant Pump Motor	1/8 hp
Overall Measurements and Weight	
Maximum Machine Height (F)	124-13/16"
Shipping Dim. (LxWxH)	112" x 57" x 115"
Net Weight	10,130 lbs
Shipping Weight	10,790 lbs