



RADIAL DRILLS PRODUCT CATALOG
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RADIAL DRILLS

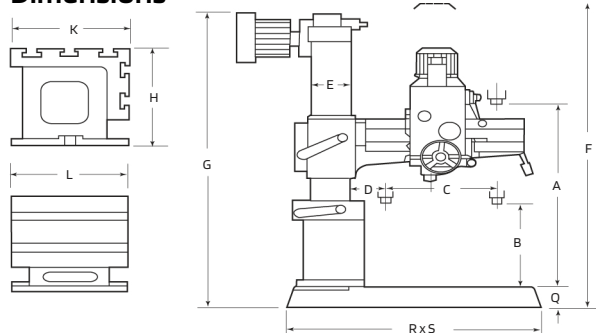
A Line of Precision Heavy-Duty Large Capacity Radial Drills.

- Drilling Capacity up to 3.15" in Steel, 3.94" in Cast Iron.
- Tapping Capacity up to 2.56" in Steel, 2.95" in Cast Iron.

CL720A



Dimensions



Capacities

MODEL	CL720A
CAPACITY	
Drilling In Steel	1.26" (32mm)
In Cast Iron	2" (50mm)
Tapping In Steel	1" (25mm)
In Cast Iron	1.26" (32mm)

Features and Standard Equipment

- High speed gears are made of Nickel-Chrome Steel and are heat-treated and ground for durability.
- Powerful 2 HP spindle drive motor for heavy-duty cutting.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Extra auxiliary dial for spindle feed depth indication, allows review of spindle feed depth, (.0394" to 7.874").
- Special spindle balance mechanism, superior to traditional balance mechanism and extends Balance Spring life.
- Coolant system
- Work Light
- Low voltage and overload protection.
- Tool kit and manuals
- Limit safety switch for safe operation.
- 230/3/60 volt standard (other voltages may require a transformer or special order)

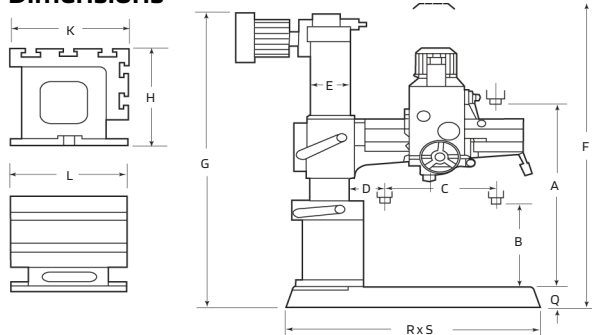
Specifications

MODEL	CL720A
WORKING AREA	
Column Sleeve Dia. (E)	8.28" (210mm)
Column Face to Spindle Center Maximum (D+C)	29.5" (750mm)
Minimum (D)	8.7" (220mm)
Spindle Head Travel (C)	20.8" (530mm)
Base Surface to Spindle End Maximum (A)	41.7" (1060mm)
Minimum (B)	10.2" (260mm)
Arm Vertical Travel (A-B)	31.5" (800mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	35.5" x 25.3" (902 x 643mm)
Box Table Area	
Length (L)	23.6" (600mm)
Width (K)	17.5" (445mm)
Height (H)	15" (382mm)
Base Dimensions Floor Area (R x S)	49.6" x 25.2" (1260 x 640mm)
Height (Q)	6.5" (163mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	8.66" (220mm)
Quill Diameter	2.95" (75mm)
Number of Spindle Speeds	6
Spindle Speeds (RPM)	88, 154, 282, 455, 796, 1500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05mm/.09mm/.15mm
Spindle Drive Motor	2 HP (1.5 kW)
Elevating Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	85.4" (2170mm)
Base and Column Height (G)	72.8" (1850mm)
Shipping Dim.	
Length	66.1" (1680mm)
Width	32.5" (826mm)
Height	85" (2160mm)
Net Weight	2,469 lbs. (1120kg)
Shipping Weight	2,756 lbs. (1250kg)

CL820A



Dimensions



Capacities

MODEL	CL820A
CAPACITY	
Drilling In Steel In Cast Iron	1.26" (32mm) 2" (50mm)
Tapping In Steel In Cast Iron	1" (25mm) 1.26" (32mm)

Features and Standard Equipment

- High speed gears are made of Nickel-Chrome Steel and are heat-treated and ground for durability.
- Powerful 2 HP spindle drive motor for heavy-duty cutting.
- Extra auxiliary dial for spindle feed depth indication, allows review of spindle feed depth, (.0394" to 7.874").
- Special spindle balance mechanism, superior to traditional balance mechanism and extends Balance Spring life.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Coolant system
- Tool kit and manuals
- Limit safety switch for safe operation.
- Low voltage and overload protection.
- 230/3/60 volt standard (other voltages may require a transformer or special order)

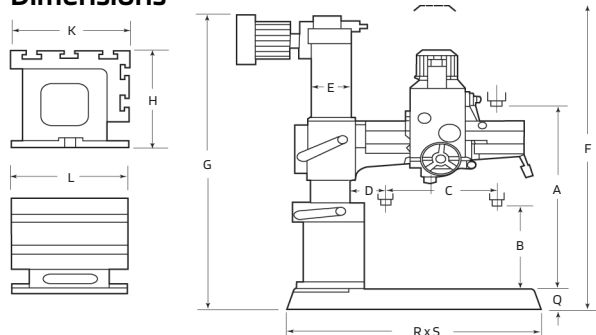
Specifications

MODEL	CL820A
WORKING AREA	
Column Sleeve Dia. (E)	8.28" (210mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	33.5" (850mm) 8.7" (220mm)
Spindle Head Travel (C)	24.8" (630mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	47.6" (1210mm) 13.8" (350mm)
Arm Vertical Travel (A-B)	33.8" (858mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	35.5" x 25.3" (902 x 643mm)
Box Table Area Length (L) Width (K) Height (H)	23.6" (600mm) 17.5" (445mm) 15" (382mm)
Base Dimensions Floor Area (R x S) Height (Q)	49.6" x 25.2" (1260 x 640mm) 6.5" (163mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	8.66" (220mm)
Quill Diameter	2.95" (75mm)
Number of Spindle Speeds	6
Spindle Speeds (RPM)	88, 154, 282, 455, 796, 1500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05mm/.09mm/.15mm
Spindle Drive Motor	2 HP (1.5 kW)
Elevating Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	91.3" (2320mm)
Base and Column Height (G)	79.1" (2010mm)
Shipping Dim. Length Width Height	66.1" (1680mm) 32.5" (826mm) 86.2" (2190mm)
Net Weight	2,645 lbs. (1200kg)
Shipping Weight	2,954 lbs. (1340kg)

CL920A



Dimensions



Capacities

MODEL	CL920A
CAPACITY	
Drilling In Steel In Cast Iron	1.26" (32mm) 2" (50mm)
Tapping In Steel In Cast Iron	1" (25mm) 1.26" (32mm)

Features and Standard Equipment

- High speed gears are made of Nickel-Chrome Steel and are heat-treated and ground for durability.
- Powerful 2 HP spindle drive motor for heavy-duty cutting.
- Extra auxiliary dial for spindle feed depth indication, allows review of spindle feed depth, (.0394" to 7.874").
- Special spindle balance mechanism, superior to traditional balance mechanism and extends Balance Spring life.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Coolant system
- Low voltage and overload protection.
- Tool kit and manuals
- 230/3/60 volt standard (other voltages may require a transformer or special order)

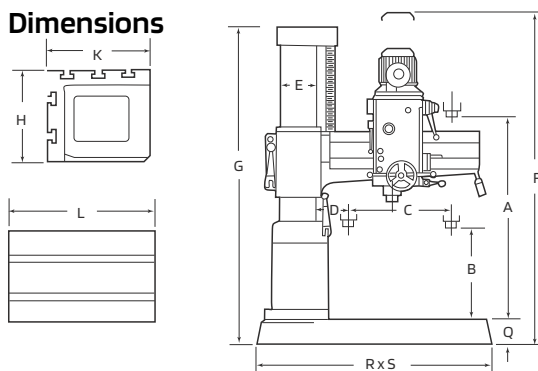
Specifications

MODEL	CL920A
WORKING AREA	
Column Sleeve Dia. (E)	8.28" (210mm)
Column Face to Spindle Center Maximum (D+C)	37.4" (950mm)
Minimum (D)	8.7" (220mm)
Spindle Head Travel (C)	28.7" (730mm)
Base Surface to Spindle End Maximum (A)	47.6" (1210mm)
Minimum (B)	13.8" (350mm)
Arm Vertical Travel (A-B)	33.8" (858mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	35.5" x 25.3" (902 x 643mm)
Box Table Area	
Length (L)	23.6" (600mm)
Width (K)	17.5" (445mm)
Height (H)	15" (382mm)
Base Dimensions	
Floor Area (R x S)	49.6" x 25.2" (1260 x 640mm)
Height (Q)	6.5" (163mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	8.66" (220mm)
Quill Diameter	2.95" (75mm)
Number of Spindle Speeds	6
Spindle Speeds (RPM)	88, 154, 282, 455, 796, 1500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05mm/.09mm/.15mm
Spindle Drive Motor	2 HP (1.5 kW)
Elevating Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	91.3" (2320mm)
Base and Column Height (G)	79.1" (2010mm)
Shipping Dim.	
Length	71.1" (1806mm)
Width	32.5" (826mm)
Height	86.2" (2190mm)
Net Weight	2,756 lbs. (1250kg)
Shipping Weight	3,086 lbs. (1400kg)

CL1100



Dimensions



Capacities

MODEL	CL1100
CAPACITY	
Drilling	
In Steel	1.65" (42mm)
In Cast Iron	2.16" (55mm)
Tapping	
In Steel	1" (25mm)
In Cast Iron	1.5" (38mm)

Features and Standard Equipment

- High-quality cast-iron arm with heat-treated and ground slides for smooth and accurate head positioning.
- The bearing bracket for gear-box is fitted with standard bearings to fit arm slide for smooth gear-box operation.
- High speed gears are made of Nickel-Chrome Steel and are heat-treated and ground for durability.
- Powerful 3 HP, 2-speed, heavy-duty spindle drive motor
- Overload protection device
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- The main spindle is balanced by a compressed spring.
- Coolant system
- Tool kit and manuals
- Low voltage and overload protection.
- 230/3/60 volt standard (other voltages may require a transformer or special order)

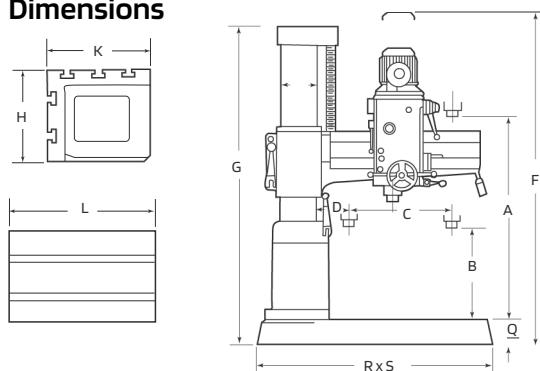
Specifications

MODEL	CL1100
WORKING AREA	
Column Sleeve Dia. (E)	10.24" (260mm)
Column Face to Spindle Center	
Maximum (D+C)	43.3" (1100mm)
Minimum (D)	11.0" (280mm)
Spindle Head Travel (C)	32.3" (820mm)
Base Surface to Spindle End	
Maximum (A)	50.0" (1270mm)
Minimum (B)	18.5" (470mm)
Arm Vertical Travel (A-B)	31.5" (800mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	48" x 29.1" (1219 x 739mm)
Box Table Area	
Length (L)	25.1" (640mm)
Width (K)	20.4" (520mm)
Height (H)	16.5" (420mm)
Base Dimensions	
Floor Area (R x S)	67.9" x 28.1" (1725 x 715mm)
Height (Q)	7.1" (180mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	9.05" (230mm)
Quill Diameter	3.15" (80mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	44-1500
Number of Feeds	3
Spindle Feed Rate (in/rev.)	0.002"/0.0035"/0.006"
(mm/rev.)	.05mm/.09mm/.15mm
Spindle Drive Motor	3 HP (2.25 kW)
Elevating Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	99.6" (2530mm)
Base and Column Height (G)	78.7" (2000mm)
Shipping Dim.	
Length	74.0" (1880mm)
Width	34.0" (864mm)
Height	87" (2210mm)
Net Weight	3,968 lbs. (1800kg)
Shipping Weight	4,299 lbs. (1950kg)

CL1230H



Dimensions



Capacities

MODEL	CL1230H
CAPACITY	
Drilling	
In Steel	1.65" (42mm)
In Cast Iron	2.16" (55mm)
Tapping	
In Steel	1" (25mm)
In Cast Iron	1.38" (38mm)

Features and Standard Equipment

- High-quality cast-iron arm with heat-treated and ground slides for smooth and accurate head positioning.
- The bearing bracket for gear-box is fitted with standard bearings to fit arm slide for smooth gear-box operation.
- High speed gears are made of Nickel-Chrome Steel and are heat-treated and ground for durability.
- Powerful 3 HP, 2-speed, heavy-duty spindle drive motor.
- Overload protection device.
- The main spindle is balanced by a compressed spring.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Equipped with hydraulic clamping. With a push of a button you can have arm unclamped then move vertical.
- Coolant system
- Tool kit and manuals
- Low voltage and overload protection.
- 230/3/60 volt standard (other voltages may require a transformer or special order)

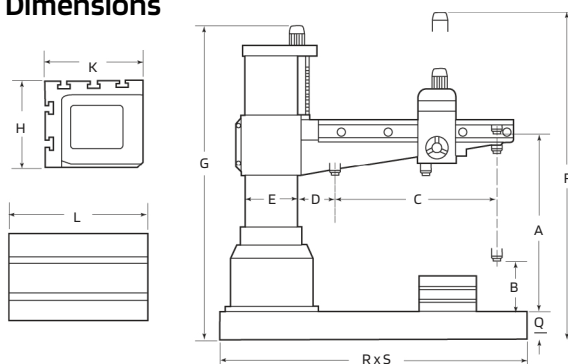
Specifications

MODEL	CL1230H
WORKING AREA	
Column Sleeve Dia. (E)	11.81" (300mm)
Column Face to Spindle Center	
Maximum (D+C)	46.1" (1170mm)
Minimum (D)	13.4" (340mm)
Spindle Head Travel (C)	35.0" (890mm)
Base Surface to Spindle End	
Maximum (A)	53.9" (1370mm)
Minimum (B)	19.3" (490mm)
Arm Vertical Travel (A-B)	34.6" (880mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	48" x 29.1" (1219 x 739mm)
Box Table Area	
Length (L)	25.1" (640mm)
Width (K)	20.4" (520mm)
Height (H)	16.5" (420mm)
Base Dimensions	
Floor Area (R x S)	67.9" x 28.1" (1725 x 715mm)
Height (Q)	7.1" (180mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	9.84" (250mm)
Quill Diameter	3.15" (80mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	44-1500
Number of Feeds	3
Spindle Feed Rate (in/rev.)	0.002"/0.0035"/0.006"
(mm/rev.)	.05mm/.09mm/.15mm
Spindle Drive Motor	3 HP (2.25 kW)
Elevating Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	109.5" (2780mm)
Base and Column Height (G)	81.1" (2060mm)
Shipping Dim.	
Length	80.1" (2035mm)
Width	32.5" (862mm)
Height	88.2" (2240mm)
Net Weight	4,630 lbs. (2100kg)
Shipping Weight	5,071 lbs. (2300kg)

CLC1250H



Dimensions



MODEL	CLC1250H
CAPACITY	
Drilling	
In Steel	1.97" (50mm)
In Cast Iron	2.36" (60mm)
Tapping	
In Steel	1.57" (40mm)
In Cast Iron	1.97" (50mm)

Features and Standard Equipment

- Equipped with independent clamping unit. Vertical movement of arm is coordinated by an IC timer. With a single touch on push button switch, you can have the arm unclamped then move vertically, or stop clamp automatically. Very easy to operate, and arm will always stay at the same point after shifting.
- Gears are cooled and lubricated 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 arm elevating device is provided to prevent arm from falling down abruptly after years of usage.
- Powerful 5 HP, 2-speed, heavy-duty spindle drive motor
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Coolant system
- Tool kit and manuals
- 230/3/60 volt standard (other voltages may require a transformer or special order)

Specifications

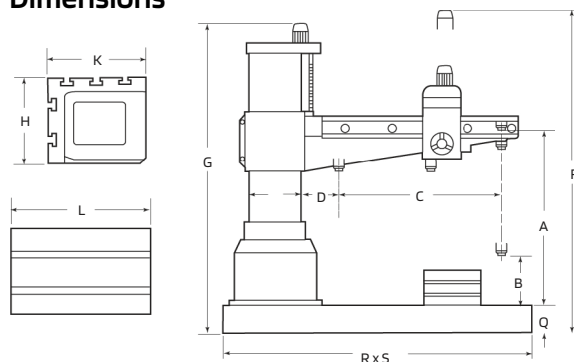
MODEL	CLC1250H
WORKING AREA	
Column Sleeve Dia. (E)	11.81" (300mm)
Column Face to Spindle Center	
Maximum (D+C)	49.21" (1250mm)
Minimum (D)	14.17" (360mm)
Spindle Head Travel (C)	35.04" (890mm)
Base Surface to Spindle End	
Maximum (A)	52.95" (1345mm)
Minimum (B)	17.36" (441mm)
Arm Vertical Travel (A-B)	28.1" (715mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	48" x 29.1" (1219 x 739mm)
Box Table Area	
Length (L)	25.1" (640mm)
Width (K)	20.4" (520mm)
Height (H)	16.5" (420mm)
Base Dimensions	
Floor Area (R x S)	70.3" x 30.9" (1785 x 785mm)
Height (Q)	7.8" (190mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	10.63" (270mm)
Quill Diameter	3.15" (80mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	56-1450
Number of Feeds	3
Spindle Feed Rate (in/rev.)	0.0023"/0.004"/0.008"
(mm/rev.)	.06mm/10mm/20mm
Spindle Drive Motor	5 HP (3.8 kW)
Elevating Motor	1 HP (.75 kW)
Clamping Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	104.1" (2645mm)
Base and Column Height (G)	81.9" (2080mm)
Shipping Dim.	
Length	81.1" (2060mm)
Width	39.2" (995mm)
Height	88.2" (2240mm)
Net Weight	5,071 lbs. (2300kg)
Shipping Weight	5,512 lbs. (2500kg)

CLC1600H



Shown with Optional Tilt Table

Dimensions



Capacities

MODEL	CLC1250H
CAPACITY	
Drilling	
In Steel	2.6" (65mm)
In Cast Iron	2.75" (70mm)
Tapping	
In Steel	1.97" (50mm)
In Cast Iron	2.36" (60mm)

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 the 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.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Powerful 5 HP, 2-speed, heavy-duty spindle drive motor
- Special arm elevating device is provided to prevent arm from falling down abruptly after years of usage.
- Coolant system
- Tool kit and manuals
- 230/3/60 volt standard (other voltages may require a transformer or special order)

Specifications

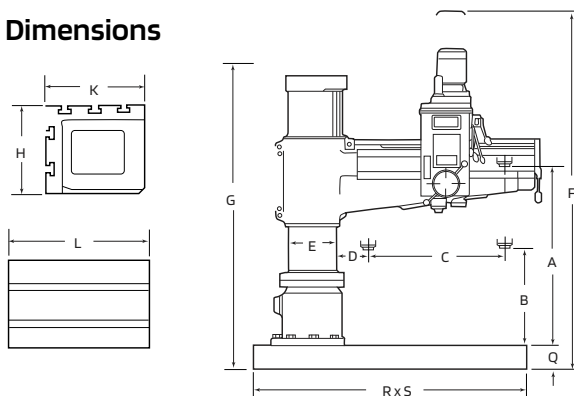
MODEL	CLC1600H
WORKING AREA	
Column Sleeve Dia. (E)	17" (430mm)
Column Face to Spindle Center	
Maximum (D+C)	62.2" (1580mm)
Minimum (D)	17.3" (440mm)
Spindle Head Travel (C)	44.9" (1145mm)
Base Surface to Spindle End	
Maximum (A)	63" (1600mm)
Minimum (B)	15" (380mm)
Arm Vertical Travel (A-B)	48" (1220mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	70.9" x 40.4" (1800 x 1026mm)
Box Table Area	
Length (L)	276" (700mm)
Width (K)	19.7" (500mm)
Height (H)	15.9" (405mm)
Base Dimensions	
Floor Area (R x S)	974" x 41.3" (2475 x 1050mm)
Height (Q)	8.26" (210mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	14.6" (370mm)
Quill Diameter	3.94" (100mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	36-1890
Number of Feeds	6
Spindle Feed Rate (in/rev.)	0.003" - 0.038"
(mm/rev.)	(.07mm - .96mm)
Spindle Drive Motor	7.5 HP (5.6kW)
Elevating Motor	2 HP (1.5 kW)
Clamping Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	124.8" (3170mm)
Base and Column Height (G)	104.7" (2660mm)
Shipping Dim.	
Length	112.2" (2850mm)
Width	55.1" (1400mm)
Height	115.7" (2940mm)
Net Weight	10,805 lbs. (4900kg)
Shipping Weight	11,245 lbs. (5100kg)

CL1600H



Shown with Optional Tilt Table

Dimensions



Capacities

MODEL	CL1600H
CAPACITY	
Drilling In Steel In Cast Iron	2.6" (65mm) 2.75" (70mm)
Tapping In Steel In Cast Iron	1.97" (50mm) 2.36" (60mm)

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 the 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.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Coolant system
- Tool kit and manuals
- 230/3/60 volt standard (other voltages may require a transformer or special order)

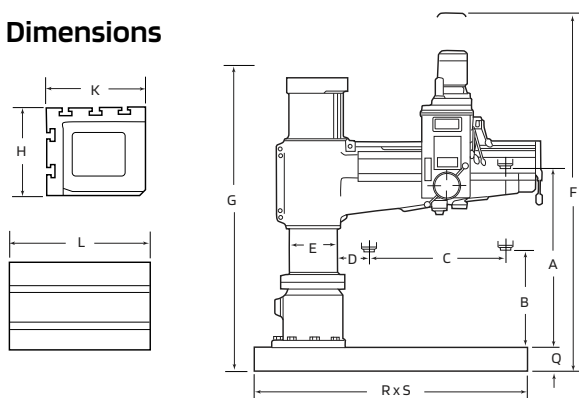
Specifications

MODEL	CL1600H
WORKING AREA	
Column Sleeve Dia. (E)	17" (432mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	62.2" (1580mm) 17.3" (440mm)
Spindle Head Travel (C)	44.9" (1140mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	63" (1600mm) 15" (380mm)
Arm Vertical Travel (A-B)	48" (1220mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	70.9" x 40.4" (1800 x 1026mm)
Box Table Area Length (L) Width (K) Height (H)	27.6" (700mm) 19.7" (500mm) 15.9" (405mm)
Base Dimensions Floor Area (R x S) Height (Q)	97.6" x 41.3" (2480 x 1050mm) 8.26" (210mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	14.6" (370mm)
Quill Diameter	3.94" (100mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	36-1890
Number of Feeds	6
Spindle Feed Rate (in/rev.)	0.003" - 0.038" (.07mm - .96mm)
Spindle Drive Motor	7.5 HP (5.6 kW)
Elevating Motor	2 HP (1.5 kW)
Clamping Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	124.8" (3170mm)
Base and Column Height (G)	104.7" (2660mm)
Shipping Dim. Length Width Height	112.2" (2850mm) 55.1" (1400mm) 115.7" (2940mm)
Net Weight	10,141 lbs. (4600kg)
Shipping Weight	11,245 lbs. (5100kg)

CL2000H



Dimensions



Capacities

MODEL	CL2000
CAPACITY	
Drilling In Steel In Cast Iron	2.6" (65mm) 2.75" (70mm)
Tapping In Steel In Cast Iron	1.97" (50mm) 2.36" (60mm)

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 the 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 arm elevating device is provided to prevent arm from falling down abruptly after years of usage.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Coolant system
- Tool kit and manuals
- 230/3/60 volt standard (other voltages may require a transformer or special order)

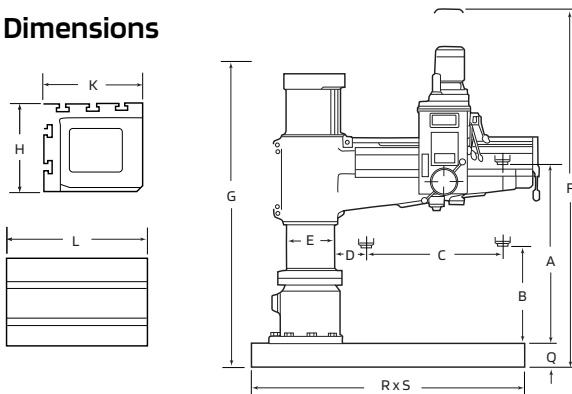
Specifications

MODEL	CL2000H
WORKING AREA	
Column Sleeve Dia. (E)	17" (432mm)
Column Face to Spindle Center Maximum (D+C)	78.7" (2000mm)
Minimum (D)	19.3" (490mm)
Spindle Head Travel (C)	59.4" (1510mm)
Base Surface to Spindle End Maximum (A)	74.8" (1900mm)
Minimum (B)	19.7" (500mm)
Arm Vertical Travel (A-B)	55.1" (1400mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	62.7" (1593mm) x 31.6" (804mm)
Box Table Area	
Length (L)	39.3" (1000mm)
Width (K)	31.5" (800mm)
Height (H)	19.7" (500mm)
Base Dimensions	
Floor Area (R x S)	114.5" x 43.3" (2908 x 1102mm)
Height (Q)	98.4" (2500mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	14.6" (370mm)
Quill Diameter	3.94" (100mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	35-1890
Number of Feeds	6
Spindle Feed Rate (in/rev.) (mm/rev.)	0.003" - 0.038" (.07mm - .96mm)
Spindle Drive Motor	7.5 HP (5.6 kW)
Elevating Motor	3 HP (2.25 kW)
Clamping Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.10 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	124.8" (3470mm)
Base and Column Height (G)	116.5" (2960mm)
Shipping Dim.	
Length	122.2" (3105mm)
Width	55.1" (1400mm)
Height	127.5" (3240mm)
Net Weight	13,448 lbs. (6,100kg)
Shipping Weight	14,550 lbs. (6,600kg)

CLC2500



Dimensions



Capacities

MODEL	CLC2500
CAPACITY	
Drilling	
In Steel	3.15" (80mm)
In Cast Iron	3.98" (100mm)
Tapping	
In Steel	2.56" (65mm)
In Cast Iron	2.95" (75mm)

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 the 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 arm elevating device is provided to prevent arm from falling down abruptly after years of usage.
- CSA Electrics (non-certified) (Spindle Guard, UL Safety Door, & Main Disconnect)
- Coolant system
- Tool kit and manuals
- 230/3/60 volt standard (other voltages may require a transformer or special order)

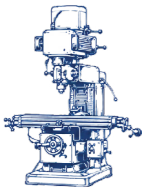
Specifications

MODEL	CLC2500
WORKING AREA	
Column Sleeve Dia. (E)	21.65" (550mm)
Column Face to Spindle Center Maximum (D+C)	98.4" (2500mm)
Minimum (D)	19.7" (500mm)
Spindle Head Travel (C)	78.7" (2000mm)
Base Surface to Spindle End Maximum (A)	78.7" (2000mm)
Minimum (B)	21.6" (550mm)
Arm Vertical Travel (A-B)	571" (1450mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	86.8" x 43.4" (2205 x 1102mm)
Box Table Area	
Length (L)	39.4" (1000mm)
Width (K)	31.5" (800mm)
Height (H)	22" (560mm)
Base Dimensions	
Floor Area (R x S)	138.6" x 55.1" (3520 x 1400mm)
Height (Q)	12.6" (320mm)
DRILL HEAD	
Spindle Taper	6MT
Spindle Stroke	17.7" (450mm)
Quill Diameter	3.94" (100mm)
Number of Spindle Speeds	16
Spindle Speeds (RPM)	16-1250
Number of Feeds	16
Spindle Feed Rate (in/rev.)	0.0015" - 0.126"
(mm/rev.)	(.04mm - 3.20mm)
Spindle Drive Motor	10 HP (75 kW)
Elevating Motor	5 HP (3.6 kW)
Clamping Motor	1 HP (.75 kW)
Coolant Pump Motor	1/4 HP (.18 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	157" (3990mm)
Base and Column Height (G)	151.6" (3850mm)
Shipping Dim.	
Length	158" (4000mm)
Width	63" (1600mm)
Height	151.6" (3850mm)
Net Weight	24,250 lbs. (11000kg)
Shipping Weight	27,557 lbs. (12500kg)

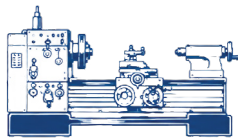
Clausing

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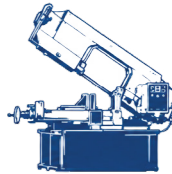
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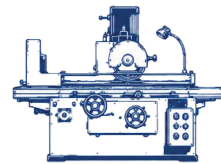
Mills



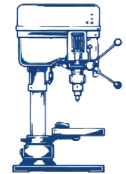
Lathes



Saws



Grinders



Drills

Need More Information?
CONTACT US



Scan to contact our team for product information, dealer support, and inquiries.

Clausing Industrial

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