



RADIAL DRILLS PRODUCT CATALOG
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RADIAL DRILLS

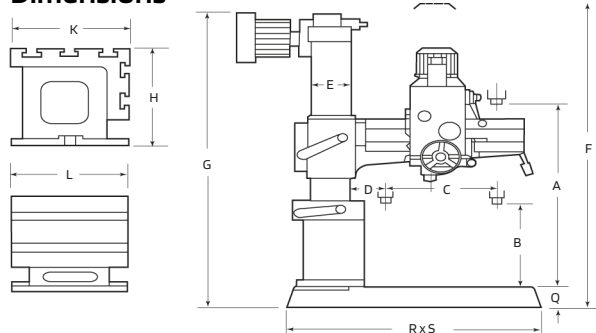
A Line of Precision Heavy-Duty Large Capacity Radial Drills.

- 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" (32 mm)
In Cast Iron	2" (51 mm)
Tapping In Steel	1" (25 mm)
In Cast Iron	1.26" (32 mm)

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)

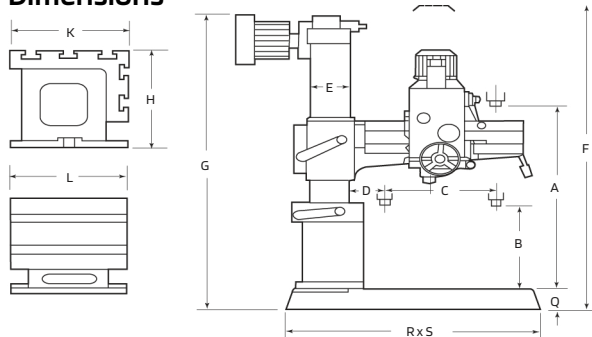
Specifications

MODEL	CL720A
WORKING AREA	
Column Sleeve Dia. (E)	8.28" (210 mm)
Column Face to Spindle Center Maximum (D+C)	29.5" (749 mm)
Minimum (D)	8.7" (221 mm)
Spindle Head Travel (C)	20.8" (528 mm)
Base Surface to Spindle End Maximum (A)	41.7" (1,059 mm)
Minimum (B)	10.2" (259 mm)
Arm Vertical Travel (A-B)	31.5" (800 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	35.5" x 25.3" (902 x 643 mm)
Box Table Area	
Length (L)	23.6" (599 mm)
Width (K)	17.5" (445 mm)
Height (H)	15" (381 mm)
Base Dimensions Floor Area (R x S)	49.6" x 25.2" (1,260 x 640 mm)
Height (Q)	6.5" (165 mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	8.66" (220 mm)
Quill Diameter	2.95" (75 mm)
Number of Spindle Speeds	6
Spindle Speeds (RPM)	88, 154, 282, 455, 796, 1,500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05 mm/.09 mm/.15 mm
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" (2,169 mm)
Base and Column Height (G)	72.8" (1,849 mm)
Shipping Dim.	
Length	66.1" (1,679 mm)
Width	32.5" (826 mm)
Height	85" (2,159 mm)
Net Weight	2,469 lbs. (1,120 kg)
Shipping Weight	2,756 lbs. (1,250 kg)

CL820A



Dimensions



Capacities

MODEL	CL820A
CAPACITY	
Drilling In Steel In Cast Iron	1.26" (32 mm) 2" (51 mm)
Tapping In Steel In Cast Iron	1" (25 mm) 1.26" (32 mm)

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)

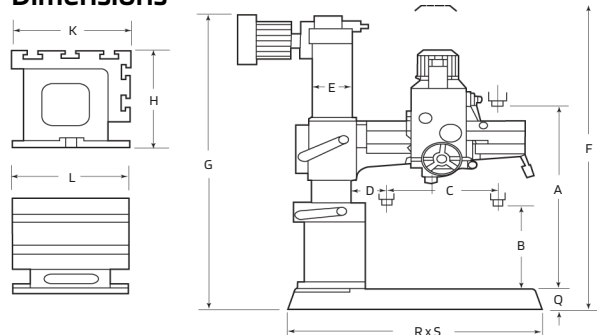
Specifications

MODEL	CL820A
WORKING AREA	
Column Sleeve Dia. (E)	8.28" (210 mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	33.5" (851 mm) 8.7" (221 mm)
Spindle Head Travel (C)	24.8" (630 mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	47.6" (1,209 mm) 13.8" (351 mm)
Arm Vertical Travel (A-B)	33.8" (859 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	35.5" x 25.3" (902 x 643 mm)
Box Table Area	
Length (L)	23.6" (599 mm)
Width (K)	17.5" (445 mm)
Height (H)	15" (381 mm)
Base Dimensions	
Floor Area (R x S)	49.6" x 25.2" (1,260 x 640 mm)
Height (Q)	6.5" (165 mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	8.66" (220 mm)
Quill Diameter	2.95" (75 mm)
Number of Spindle Speeds	6
Spindle Speeds (RPM)	88, 154, 282, 455, 796, 1,500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05 mm/.09 mm/.15 mm
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" (2,320 mm)
Base and Column Height (G)	79.1" (2,010 mm)
Shipping Dim.	
Length	66.1" (1,679 mm)
Width	32.5" (826 mm)
Height	86.2" (2,189 mm)
Net Weight	2,645 lbs. (1,200 kg)
Shipping Weight	2,954 lbs. (1,340 kg)

CL920A



Dimensions



Capacities

MODEL	CL920A
CAPACITY	
Drilling In Steel In Cast Iron	1.26" (32 mm) 2" (51 mm)
Tapping In Steel In Cast Iron	1" (25 mm) 1.26" (32 mm)

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)

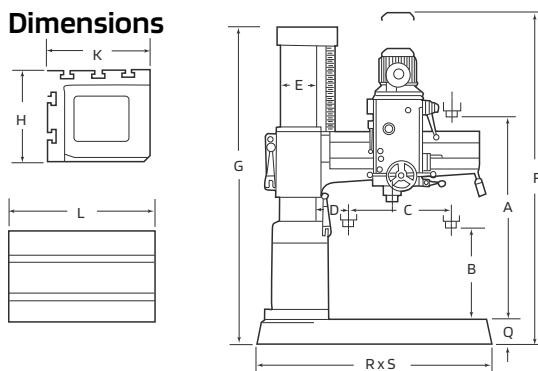
Specifications

MODEL	CL920A
WORKING AREA	
Column Sleeve Dia. (E)	8.28" (210 mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	37.4" (950 mm) 8.7" (221 mm)
Spindle Head Travel (C)	28.7" (729 mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	47.6" (1,209 mm) 13.8" (351 mm)
Arm Vertical Travel (A-B)	33.8" (859 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	35.5" x 25.3" (902 x 643 mm)
Box Table Area	
Length (L)	23.6" (599 mm)
Width (K)	17.5" (445 mm)
Height (H)	15" (381 mm)
Base Dimensions	
Floor Area (R x S)	49.6" x 25.2" (1,260 x 640 mm)
Height (Q)	6.5" (165 mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	8.66" (220 mm)
Quill Diameter	2.95" (75 mm)
Number of Spindle Speeds	6
Spindle Speeds (RPM)	88, 154, 282, 455, 796, 1,500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05 mm/.09 mm/.15 mm
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" (2,319 mm)
Base and Column Height (G)	79.1" (2,009 mm)
Shipping Dim.	
Length	71.1" (1,806 mm)
Width	32.5" (826 mm)
Height	86.2" (2,189 mm)
Net Weight	2,756 lbs. (1,250 kg)
Shipping Weight	3,086 lbs. (1,400 kg)

CL1100



Dimensions



Capacities

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

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)

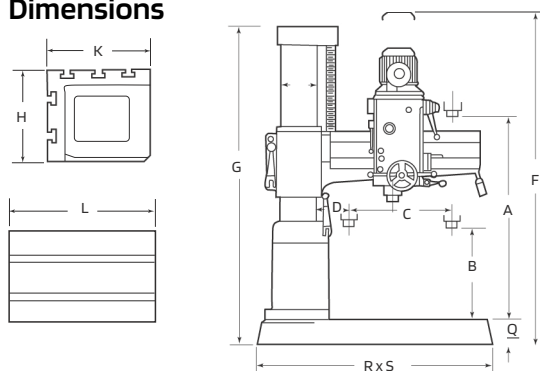
Specifications

MODEL	CL1100
WORKING AREA	
Column Sleeve Dia. (E)	10.24" (260 mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	43.3" (1,100 mm) 11" (279 mm)
Spindle Head Travel (C)	32.3" (820 mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	50" (1,270 mm) 18.5" (470 mm)
Arm Vertical Travel (A-B)	31.5" (800 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	48" x 29.1" (1,219 x 739 mm)
Box Table Area Length (L) Width (K) Height (H)	25.1" (638 mm) 20.4" (518 mm) 16.5" (419 mm)
Base Dimensions Floor Area (R x S) Height (Q)	67.9" x 28.1" (1,725 x 714 mm) 71" (180 mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	9.05" (230 mm)
Quill Diameter	3.15" (80 mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	44-1,500
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	0.002"/0.0035"/0.006" .05 mm/.09 mm/.15 mm
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" (2,530 mm)
Base and Column Height (G)	78.7" (1,999 mm)
Shipping Dim. Length Width Height	74" (1,880 mm) 34" (864 mm) 87" (2,210 mm)
Net Weight	3,968 lbs. (1,800 kg)
Shipping Weight	4,299 lbs. (1,950 kg)

CL1230H



Dimensions



Capacities

MODEL	CL1230H
CAPACITY	
Drilling	
In Steel	1.65" (42 mm)
In Cast Iron	2.16" (55 mm)
Tapping	
In Steel	1" (25 mm)
In Cast Iron	1.38" (35 mm)

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)

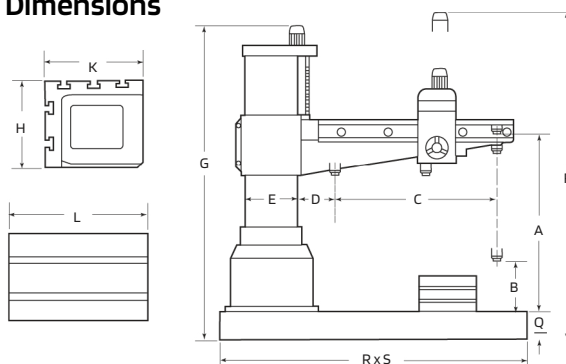
Specifications

MODEL	CL1230H
WORKING AREA	
Column Sleeve Dia. (E)	11.81" (300 mm)
Column Face to Spindle Center	
Maximum (D+C)	46.1" (1,171 mm)
Minimum (D)	13.4" (340 mm)
Spindle Head Travel (C)	35" (889 mm)
Base Surface to Spindle End	
Maximum (A)	53.9" (1,369 mm)
Minimum (B)	19.3" (490 mm)
Arm Vertical Travel (A-B)	34.6" (879 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	48" x 29.1" (1,219 x 739mm)
Box Table Area	
Length (L)	25.1" (638 mm)
Width (K)	20.4" (518 mm)
Height (H)	16.5" (419 mm)
Base Dimensions	
Floor Area (R x S)	67.9" x 28.1" (1,725 x 714 mm)
Height (Q)	7.1" (180 mm)
DRILL HEAD	
Spindle Taper	4MT
Spindle Stroke	9.84" (250 mm)
Quill Diameter	3.15" (80 mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	44-1,500
Number of Feeds	3
Spindle Feed Rate (in/rev.)	0.002"/0.0035"/0.006"
(mm/rev.)	.05 mm/.09 mm/.15 mm
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" (2,781 mm)
Base and Column Height (G)	81.1" (2,060 mm)
Shipping Dim.	
Length	80.1" (2,035 mm)
Width	32.5" (826 mm)
Height	88.2" (2,240 mm)
Net Weight	4,630 lbs. (2,100 kg)
Shipping Weight	5,071 lbs. (2,300 kg)

CLC1250H



Dimensions



Capacities

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

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

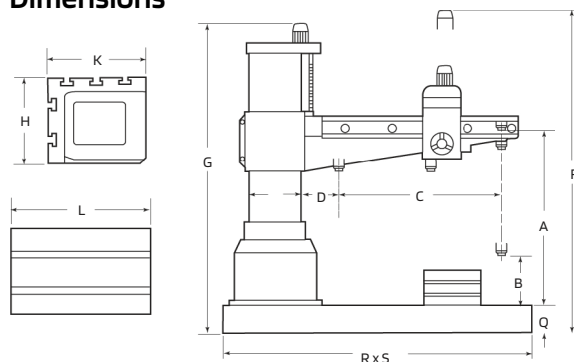
MODEL	CLC1250H
WORKING AREA	
Column Sleeve Dia. (E)	11.81" (300 mm)
Column Face to Spindle Center Maximum (D+C)	49.21" (1,250 mm)
Minimum (D)	14.17" (360 mm)
Spindle Head Travel (C)	35.04" (890 mm)
Base Surface to Spindle End Maximum (A)	52.95" (1,345 mm)
Minimum (B)	17.36" (441 mm)
Arm Vertical Travel (A-B)	28.1" (714 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	48" x 29.1" (1,219 x 739 mm)
Box Table Area	
Length (L)	25.1" (638 mm)
Width (K)	20.4" (518 mm)
Height (H)	16.5" (419 mm)
Base Dimensions	
Floor Area (R x S)	70.3" x 30.9" (1,786 x 785 mm)
Height (Q)	7.8" (190 mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	10.63" (270 mm)
Quill Diameter	3.15" (80 mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	56-1,450
Number of Feeds	3
Spindle Feed Rate (in/rev.)	0.0023"/0.004"/0.008"
(mm/rev.)	.06 mm/10 mm/20 mm
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" (2,644 mm)
Base and Column Height (G)	81.9" (2,080 mm)
Shipping Dim.	
Length	81.1" (2,060 mm)
Width	39.2" (995 mm)
Height	88.2" (2,240 mm)
Net Weight	5,071 lbs. (2,300 kg)
Shipping Weight	5,512 lbs. (2,500 kg)

CLC1600H



Shown with Optional Tilt Table

Dimensions



Capacities

MODEL	CLC1250H
CAPACITY	
Drilling	
In Steel	2.6" (66 mm)
In Cast Iron	2.75" (70 mm)
Tapping	
In Steel	1.97" (50 mm)
In Cast Iron	2.36" (60 mm)

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

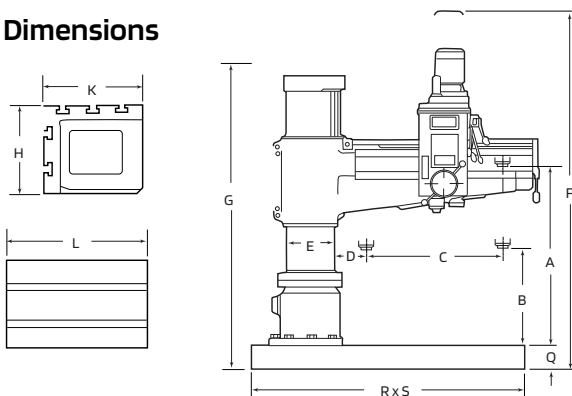
MODEL	CLC1600H
WORKING AREA	
Column Sleeve Dia. (E)	12.6" (320 mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	63" (1,600 mm) 13.78" (350 mm)
Spindle Head Travel (C)	49.2" (1,250 mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	55.9" (1,420 mm) 18.31" (465 mm)
Arm Vertical Travel (A-B)	36.7" (932 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	70.9" x 40.4" (1,801 x 1,026 mm)
Box Table Area	
Length (L)	24.8" (630 mm)
Width (K)	19.7" (500 mm)
Height (H)	19.7" (500 mm)
Base Dimensions	
Floor Area (R x S)	100.4" x 38.2" (2,550 x 970 mm)
Height (Q)	79" (201 mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	10.63" (270 mm)
Quill Diameter	3.15" (80 mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	56-1450
Number of Feeds	3
Spindle Feed Rate (in/rev.) (mm/rev.)	.0023"/.004"/.008" (.06/10/20 mm)
Spindle Drive Motor	5 HP (3.7 kW)
Elevating Motor	2 HP (1.5 kW)
Clamping Motor	1 HP (.75 kW)
Coolant Pump Motor	1/8 HP (.09 kW)
DIMENSIONS AND WEIGHTS	
Max. Machine Height (F)	108.7" (2,761 mm)
Base and Column Height (G)	86.1" (2,187 mm)
Shipping Dim.	
Length	105.2" (2,672 mm)
Width	44.1" (1,120 mm)
Height	94.9" (2,410 mm)
Net Weight	7,275 lbs. (3,300 kg)
Shipping Weight	8,378 lbs. (3,800 kg)

CL1600H



Shown with Optional Tilt Table

Dimensions



Capacities

MODEL	CL1600H
CAPACITY	
Drilling In Steel In Cast Iron	2.6" (66 mm) 2.75" (70 mm)
Tapping In Steel In Cast Iron	1.97" (50 mm) 2.36" (60 mm)

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)

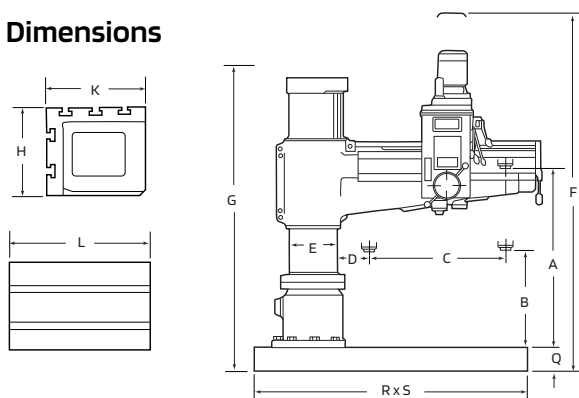
Specifications

MODEL	CL1600H
WORKING AREA	
Column Sleeve Dia. (E)	17" (432 mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D)	62.2" (1,580 mm) 17.3" (439 mm)
Spindle Head Travel (C)	44.9" (1,140 mm)
Base Surface to Spindle End Maximum (A) Minimum (B)	63" (1,600 mm) 15" (381 mm)
Arm Vertical Travel (A-B)	48" (1,219 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	70.9" x 40.4" (1,800 x 1,026 mm)
Box Table Area	
Length (L)	27.6" (701 mm)
Width (K)	19.7" (500 mm)
Height (H)	15.9" (404 mm)
Base Dimensions	
Floor Area (R x S)	97.6" x 41.3" (2,479 x 1,049 mm)
Height (Q)	8.26" (210 mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	14.6" (371 mm)
Quill Diameter	3.94" (100 mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	36-1,890
Number of Feeds	6
Spindle Feed Rate (in/rev.)	0.003" - 0.038" (.07 mm - .96 mm)
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" (3,170 mm)
Base and Column Height (G)	104.7" (2,659 mm)
Shipping Dim.	
Length	112.2" (2,850 mm)
Width	55.1" (1,400 mm)
Height	115.7" (2,939 mm)
Net Weight	10,141 lbs. (4,600 kg)
Shipping Weight	11,245 lbs. (5,101 kg)

CL2000H



Dimensions



Capacities

MODEL	CL2000
CAPACITY	
Drilling	
In Steel	2.6" (66 mm)
In Cast Iron	2.75" (70 mm)
Tapping	
In Steel	1.97" (50 mm)
In Cast Iron	2.36" (60 mm)

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)

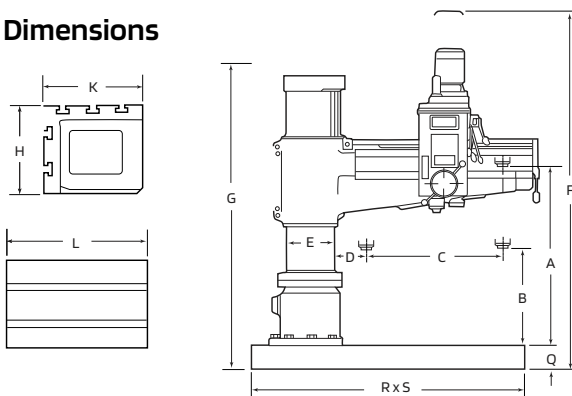
Specifications

MODEL	CL2000H
WORKING AREA	
Column Sleeve Dia. (E)	17" (432 mm)
Column Face to Spindle Center	
Maximum (D+C)	78.7" (1,999 mm)
Minimum (D)	19.3" (490 mm)
Spindle Head Travel (C)	59.4" (1,509 mm)
Base Surface to Spindle End	
Maximum (A)	74.8" (1,900 mm)
Minimum (B)	19.7" (500 mm)
Arm Vertical Travel (A-B)	55.1" (1,400 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	62.7" (1,593 mm) x 31.6" (803 mm)
Box Table Area	
Length (L)	39.3" (998 mm)
Width (K)	31.5" (800 mm)
Height (H)	19.7" (500 mm)
Base Dimensions	
Floor Area (R x S)	114.5" x 43.3" (2,908 x 1,100 mm)
Height (Q)	98.4" (2,499 mm)
DRILL HEAD	
Spindle Taper	5MT
Spindle Stroke	14.6" (371 mm)
Quill Diameter	3.94" (100 mm)
Number of Spindle Speeds	12
Spindle Speeds (RPM)	35-1,890
Number of Feeds	6
Spindle Feed Rate (in/rev.)	0.003" - 0.038"
(mm/rev.)	(.07 mm - .96 mm)
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" (3,170 mm)
Base and Column Height (G)	116.5" (2,959 mm)
Shipping Dim.	
Length	122.2" (3,104 mm)
Width	55.1" (1,400 mm)
Height	127.5" (3,239 mm)
Net Weight	13,448 lbs. (6,100 kg)
Shipping Weight	14,550 lbs. (6,600 kg)

CLC2500



Dimensions



Capacities

MODEL	CLC2500
CAPACITY	
Drilling	
In Steel	3.15" (80 mm)
In Cast Iron	3.98" (102 mm)
Tapping	
In Steel	2.56" (65 mm)
In Cast Iron	2.95" (75 mm)

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)

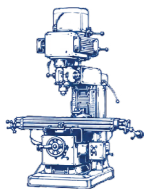
Specifications

MODEL	CLC2500
WORKING AREA	
Column Sleeve Dia. (E)	21.65" (550 mm)
Column Face to Spindle Center	
Maximum (D+C)	98.4" (2,499 mm)
Minimum (D)	19.7" (500 mm)
Spindle Head Travel (C)	78.7" (1,999 mm)
Base Surface to Spindle End	
Maximum (A)	78.7" (1,999 mm)
Minimum (B)	21.6" (549 mm)
Arm Vertical Travel (A-B)	57.1" (1,450 mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	86.8" x 43.4" (2,205 x 1,102 mm)
Box Table Area	
Length (L)	39.4" (1,001 mm)
Width (K)	31.5" (800 mm)
Height (H)	22" (559 mm)
Base Dimensions	
Floor Area (R x S)	138.6" x 55.1" (3,520 x 1,400 mm)
Height (Q)	12.6" (320 mm)
DRILL HEAD	
Spindle Taper	6MT
Spindle Stroke	17.7" (450 mm)
Quill Diameter	3.94" (101 mm)
Number of Spindle Speeds	16
Spindle Speeds (RPM)	16-1,250
Number of Feeds	16
Spindle Feed Rate (in/rev.)	0.0015" - 0.126"
(mm/rev.)	(.04 mm - 3.20 mm)
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" (3,988 mm)
Base and Column Height (G)	151.6" (3,851 mm)
Shipping Dim.	
Length	158" (4,013 mm)
Width	63" (1,600 mm)
Height	151.6" (3,851 mm)
Net Weight	24,250 lbs. (11,000 kg)
Shipping Weight	27,557 lbs. (12,500 kg)

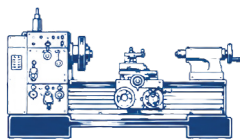
Clausing

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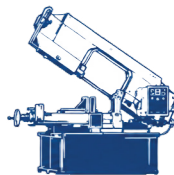
Delivering precision machine tools, dependable support, and trusted solutions for manufacturers for over a century.



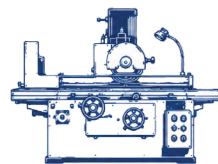
Mills



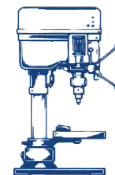
Lathes



Saws



Grinders



Drills

Need More Information?
CONTACT US



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

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