

1-800-GRAINGER (472-4643)

## Benchtop and Floor Stand Drill Presses for Metal

These stationary drilling machines typically spin bits at low speeds with high torque. They maintain consistent alignment to create more accurate holes than handheld drills. Models with geared head drive eliminate belt slippage and the need to replace belts in belt drive drill presses.

**Benchtop Drill Presses with Manual Downfeed**—Mount to a work surface to save floor space and are more compact with a shorter spindle travel than floor-stand drill presses. They require hand-cranking to lower the bit so it can drill holes in metal workpieces.

**Floor Stand Drill Presses with Manual Downfeed**—Provide a long spindle travel to drill through thicker metal workpieces and create larger-diameter holes than benchtop drill presses. They require hand-cranking to lower the bit so it can drill holes in metal workpieces.

**Floor Stand Drill Presses with Power Downfeed**—The downfeed automatically lowers the drilling head at a smooth, consistent rate to drill holes. Models can drill more uniform holes than manual-downfeed presses.



**Benchtop Manual Downfeed 54ZW29**



**Floor Stand Manual Downfeed 18F196**

Motor Voltage	Swing	Spindle-to-Column Distance	Horsepower	Spindle Speed Range (RPM)	Current	Drilling Capacity in Steel	Drill Press Application	Brand	Item No.
<b>Benchtop Drill Presses with Manual Downfeed</b>									
<b>Belt Drive Type, Fixed Speed Control</b>									
115/230V AC ; Single-Phase	15 in	7 1/2 in	1/2	138 - 3,476	8.6/4.3 A	1/2 in	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW29
	15 in	7 1/2 in	3/4	200 - 3,630	9/4.5 A	1/2 in	Drilling	Jet	3WRP4
	13 in	6 1/2 in	1	420 - 4,800	15 A	1 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UG96
115V AC ; Single-Phase	14 1/8 in	7 1/8 in	1/2	240 - 3,400	7 A	3/8 in	Drilling	Dake Corporation	40F109
	15 3/4 in	7 7/8 in	1	145 - 4,800	15 A	1 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UG97
<b>Belt Drive Type, Variable Speed Control</b>									
115V AC ; Single-Phase	14 1/8 in	7 1/8 in	1/2	545 - 4,000	20 A	3/8 in	Drilling	Dake Corporation	35GW72
<b>Geared Head Drive Type, Fixed Speed Control</b>									
230V AC ; Three-Phase	18 in	9 in	2	90 - 3,480	10 A	1 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UH01
<b>Geared Head Drive Type, Variable Speed Control</b>									
230V AC ; Single-Phase	20 in	10 in	3/4 to 1	130 - 3,480	11 A	1 1/4 in	Drilling	Jet	42W835
<b>Floor Stand Drill Presses with Manual Downfeed</b>									
<b>Belt Drive Type, Fixed Speed Control</b>									
115/230V AC ; Single-Phase	15 in	7 1/2 in	3/4	200 - 3,630	9/4.5 A	1/2 in	Drilling	Jet	3WRP3
	16 1/8 in	8 3/8 in	1	350 - 2,800	9 A	3/8 in	Drilling	Jet	49LX95
	17 in	8 1/2 in	1	138 - 3,476	10.2/5.1 A	1/2 in	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW31
115/230V AC ; Single-Phase	20 in	10 in	1	140 - 2,600	16/8 A	1 in	Drilling	Dayton	49G986
	20 in	10 in	1	150 - 4,200	9/4.5 A	3/8 in	Drilling	Jet	3WRP5
	20 in	10 in	1 1/2	120 - 3,600	14.2/7.1 A	3/4 in	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW32
	20 in	10 in	1 1/2	150 - 4,200	18/9 A	3/8 in	Drilling	Jet	18F196
	21 1/8 in	10 1/8 in	1 1/2	175 - 3,050	7.6 A	1 in	Drilling	Jet	49LX96
115V AC ; Single-Phase	15 in	7 1/2 in	1	240 - 3,200	10 A	3/8 in	Countersinking, Drilling, Reaming	Dayton	400H52
	15 3/4 in	8 in	1	145 - 4,800	15 A	1 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UG98
	17 in	8 1/2 in	3/4	200 - 3,630	10 A	1/2 in	Countersinking, Drilling, Reaming	Dayton	467L86
	18 in	7 1/8 in	2	270 - 2,000	14 A	3/8 in	Drilling	Dake Corporation	40F113
<b>Belt Drive Type, Variable Speed Control</b>									
115/230V AC ; Single-Phase	15 in	15 in	1	375 - 5,000	14 A	1/2 in	Drilling	Jet	42W844
115V AC ; Single-Phase	18 in	9 in	2	46 - 3,473	20 A	1 1/4 in	Drilling	Dake Corporation	35GW74
230V AC ; Three-Phase	20 in	10 1/8 in	2	150 - 2,000	7/6.6 A	1 3/8 in	Drilling, Tapping	Jet	52C51
460V AC ; Three-Phase	20 in	10 1/8 in	2	245 - 2,000	9.2 A	1 3/8 in	Drilling, Tapping	Jet	52XJ01
<b>Geared Head Drive Type, Variable Speed Control</b>									
115V AC ; Single-Phase	10 3/8 in	10 in	1 1/2	125 - 1,740	14 A	1 in	Boring, Countersinking, Drilling, Milling, Reaming, Tapping	Baileigh Industrial	31XU85
<b>Spline Drive Type, Variable Speed Control</b>									
115/230V AC ; Single-Phase	15 in	7 1/2 in	1	400 - 5,000	16/8 A	1/2 in	Drilling	Jet	3WRN7
<b>Floor Stand Drill Presses with Power Downfeed</b>									
<b>Belt Drive Type, Fixed Speed Control</b>									
115V AC ; Single-Phase	16 in	8 in	1	262 - 2,920	11 A	1 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	499F46
<b>Belt Drive Type, Variable Speed Control</b>									
115V AC ; Single-Phase	18 in	9 in	1 1/2	68 - 1,380	20 A	1 in	Drilling, Tapping	Dake Corporation	35GW75
230V AC ; Single-Phase	20 1/8 in	10 1/8 in	2	85 - 2,000	14 A	1 1/2 in	Boring, Countersinking, Drilling, Milling, Reaming, Tapping	Baileigh Industrial	15V796
230V AC ; Three-Phase	20 in	10 1/8 in	2	225 - 2,000	9.2 A	2 in	Drilling	Jet	52XJ02
460V AC ; Three-Phase	20 in	10 1/8 in	2	225 - 2,000	9.2 A	2 in	Drilling	Jet	52XJ03
<b>Geared Head Drive Type, Fixed Speed Control</b>									
230V AC ; Three-Phase	20 in	10 in	2	60 - 3,000	3.2/3.2 A	1 1/4 in	Drilling	Jet	18F199
460V AC ; Three-Phase	32 in	16 1/2 in	4 to 5	54 - 2,400	8 A	2 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	467L05
<b>Geared Head Drive Type, Variable Speed Control</b>									
230V AC ; Single-Phase	22 in	11 in	3	80 - 3,000	10 A	1 5/8 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UH05

## Benchtop and Floor Stand Radial Drill Presses for Metal

Radial drill presses mount their drilling head on an arm that extends from the support column and allows vertical and horizontal positioning of the head. The drilling head moves up and down with the arm, and it can slide along the length of the arm to accommodate wide workpieces. They maintain consistent alignment to create more accurate holes than handheld drills. Models with a geared head drive eliminate belt slippage and the need to replace belts in belt drive drill presses.

**Benchtop Radial Drill Presses with Manual Downfeed**—Create holes in thinner workpieces and mount to work surfaces to save floor space. They are more compact with a shorter spindle travel than floor-stand drill presses, and their manual downfeed requires hand-cranking to lower the drill bit into workpieces.

**Floor Stand Radial Drill Presses with Manual Downfeed**—Have a long spindle travel to drill through thicker metal workpieces and create larger-diameter holes

than benchtop drill presses. Their manual downfeed requires hand-cranking to lower the drill bit into workpieces.

**Floor Stand Radial Drill Presses with Power Downfeed**—Provide a long spindle travel to drill through thicker metal workpieces and create larger-diameter holes than benchtop drill presses. Their power downfeed automatically lowers the drilling head at a smooth, consistent rate to drill more uniform and accurate holes than manual-downfeed presses.



**Benchtop Manual Downfeed 40PM15**



**Floor Stand Manual Downfeed 42W828**



**Floor Stand Power Downfeed 36HZ43**

Motor Voltage	Swing	Spindle-to-Column Distance	Horsepower	Spindle Speed Range (RPM)	Current	Drilling Capacity in Steel	Drill Press Application	Brand	Item No.
<b>Benchtop Radial Drill Presses with Manual Downfeed</b>									
<b>Belt Drive Type, Fixed Speed Control</b>									
115V AC ; Single-Phase	33 in	16 1/2 in	1/2	550 RPM - 3,300 RPM	5.5 A	3/8 in	Countersinking, Drilling, Reaming	Dayton	40PM15
<b>Floor Stand Radial Drill Presses with Manual Downfeed</b>									
<b>Belt Drive Type, Fixed Speed Control</b>									
115V AC ; Single-Phase	33 in	16 1/2 in	1/2	550 RPM - 3,300 RPM	5.5 A	3/8 in	Countersinking, Drilling, Reaming	Dayton	40PM17
<b>Geared Head Drive Type, Variable Speed Control</b>									
230/460V AC ; Three-Phase	5 1/2 in	8 3/8 in to 29 1/2 in	3	88 RPM - 1,500 RPM	8.2/4.1 A	1 1/2 in	Drilling, Tapping	Jet	42W834
	5 1/4 in	13 3/8 in to 62 1/4 in	7 1/2	40 RPM - 1,920 RPM	19/9.5 A	2 1/2 in		Jet	42W828
	6 3/8 in	13 3/8 in to 46 in	2 1/2 to 5	44 RPM - 1,500 RPM	12.9/17.6 A	1 7/8 in	Jet	25CH33	
<b>Floor Stand Radial Drill Presses with Power Downfeed</b>									
<b>Geared Head Drive Type, Variable Speed Control</b>									
230V AC ; Three-Phase	—	7 3/4 in to 39 1/4 in	4	71 RPM - 1,800 RPM	11.5 A	1 1/2 in	Boring, Countersinking, Drilling, Milling, Reaming, Tapping	Baileigh Industrial	36HZ42
	—	13 3/4 in to 63 in	5 1/4	25 RPM - 2,000 RPM	16 A	2 in		Baileigh Industrial	36HZ43

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