



Benchtop and Floor Stand Drill Presses for Wood

Drilling machines are stationary and normally spin bits at high speeds with low torque. They support work on the table below the drill head and maintain consistent alignment to create more accurate holes than handheld drills. Models with a direct drive eliminate belt slippage and the need to replace belts in belt drive drill presses.

Benchtop Drill Presses for Wood—Create holes in thinner wood workpieces and mount to a work surface 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. The motor uses belt-driven pulleys to transmit torque to the drilling spindle.

Floor Stand Drill Presses for Wood

Provide long spindle travel to drill through thicker wood workpieces and make larger-diameter holes than benchtop drill presses. Their manual downfeed requires hand-cranking to lower the drill bit into workpieces, and their motor uses belt-driven pulleys to transmit torque to the drilling spindle.



**Benchtop
48WE86**



**Floor Stand
36HZ85**

Motor Voltage	Swing	Spindle-to-Column Distance	Horsepower	Spindle Speed Range (RPM)	Current	Drilling Capacity in Steel	Drill Press Application	Brand	Item No.
Benchtop Drill Presses for Wood									
Belt Drive Type, Fixed Speed Control									
115V AC ; Single-Phase	8 in	4 in	1/2	750 RPM – 3,200 RPM	2.3 A	1/2 in	Countersinking, Drilling, Reaming	Dayton	40PM08
	10 in	5 in	1/2	650 RPM – 3,070 RPM	4.1 A	3/8 in		Dayton	16N196
115/230V AC ; Single-Phase	13 in	6 1/2 in	1/2	260 RPM – 4,220 RPM	4.9 A	3/8 in	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW27
	15 in	7 1/2 in	3/4	210 RPM – 3,500 RPM	9 A	1/2 in		Jet	48WE86
Belt Drive Type, Variable Speed Control									
115V AC ; Single-Phase	12 in	10 1/2 in	1/2	530 RPM – 3,100 RPM	5 A	1/2 in	Drilling	Jet	436C76
Direct Drive Type, Variable Speed Control									
115V AC ; Single-Phase	9 3/8 in	4 13/16 in	1/4	2,000 RPM – 12,000 RPM	5 A	1/2 in	Drilling	Dayton	2LKU8
Floor Stand Drill Presses for Wood									
Belt Drive Type, Fixed Speed Control									
115/230V AC ; Single-Phase	16 1/2 in	—	3/4	200 RPM – 3,630 RPM	9/4.5 A	1/2 in	Drilling	Jet	25CH39
	16 7/8 in	—	3/4	210 RPM – 3,500 RPM	—	1/2 in		Jet	45CA74
Belt Drive Type, Variable Speed Control									
115V AC ; Single-Phase	15 in	—	1	400 RPM – 5,000 RPM	20 A	—	Drilling	Baileigh Industrial	36HZ85
115/230V AC ; Single-Phase	18 in	—	1	250 RPM – 3,000 RPM	15/7.5 A	1/2 in		Powermatic	36VE10



**Drill Press
6Z847**



**Angle
6Z844**



**Cross Slide
3W766**



**Milling Machine
4KXE7**



**Milling Machine
24W155**



**Toolmaker's
19F401**



**Self-Centering
4CPF5**



Machining Vises

Description	Jaw Width (in.)	Jaw Opening (in.)	Brand	Item No.
Angle				
2-Way Angular Machine w/Swivel Base	4 in	4 in	Dayton	4CPF1
	6 in	6 in	Dayton	4CPF2
3-Way Tilting Machine w/Swivel Base	4 in	4 in	Dayton	4CPF3
Angle, Fixed Base	2 7/16 in	2 1/2 in	Palmgren	4KXE2
Angle w/Angle Base	6 in	6 3/4 in	Dayton	4TK08
Angle w/Trunnion Base	4 in	4 in	Dayton	6Z844
Cross Slide				
	3 in	3 in	Dayton	4YG28
Cross	6 in	6 in	Dayton	6Z848
	8 in	8 in	Dayton	3W766
	3 in	3 in	Palmgren	4KXF3
Cross Slide	4 in	4 in	Wilton	41D448
	6 in	6 in	Wilton	41D450
	8 in	8 in	Wilton	41D451
Drill Press				
3-Way Drill Press	4 in	3 1/2 in	Dayton	4CPG1
	1 1/2 in	1 1/2 in	Palmgren	4KXD2
	2 7/16 in	2 1/2 in	Palmgren	4KXD4
	2 7/16 in	3 in	Palmgren	4KXD3
Drill Press	3 in	3 in	Palmgren	4KXD5
	4 in	4 in	Dayton	3W761
	4 in	4 in	Palmgren	4KXD6
	6 in	6 in	Dayton	4TK04
	6 in	6 in	Palmgren	4KXD7
	4 1/2 in	4 3/4 in	Dayton	4CPG2
Quick-Action Drill Press	6 in	6 3/4 in	Dayton	4CPG3
	3 in	3 in	Dayton	4TK06
Quick-Release	4 in	4 in	Dayton	4TK05
	8 in	8 in	Dayton	4YG29

Description	Jaw Width (in.)	Jaw Opening (in.)	Brand	Item No.
Standard	4 in	4 1/2 in	Wilton	24W025
Standard, Low Profile	6 in	6 in	Wilton	41D445
	8 in	8 in	Wilton	41D446
Standard Drill	4 in	4 in	Dayton	6Z846
	6 in	6 in	Dayton	6Z847
	8 in	8 in	Dayton	4TK03
Milling Machine				
Cast Iron Milling Machine w/Swivel Base	6 in	6 in	Dayton	3W765
Fixed Base	5 47/50 in	9 in	Te-Co	6GJP4
Milling Machine	6 in	8 3/4 in	Palmgren	19F396
Milling Machine w/Swivel Base	4 in	4 in	Palmgren	4KXE7
	6 in	6 in	Dayton	4CPE9
	6 in	6 in	Palmgren	4KXE9
	6 in	7 1/2 in	Dayton	3W764
Verti-Lock Machine w/Fixed Base	5 in	4 1/2 in	Wilton	24W068
	6 in	7 1/2 in	Wilton	24W155
	8 in	7 1/2 in	Wilton	24W067
Self-Centering				
Self-Centering w/Swivel Base	4 in	4 in	Dayton	4CPF5
	6 in	6 in	Dayton	4CPF6
Toolmaker's				
Toolmaker's Machine	5/8 in	2 in	Starrett	4CEN3
	2 1/2 in	2 1/2 in	Dayton	16Y478
	2 in	2 1/2 in	Palmgren	19F401
	4 in	4 5/8 in	Palmgren	19F402
Toolmaker's Screwless	2 in	2 1/2 in	Dayton	16Y479
	2 7/8 in	3 in	Dayton	16Y480
Dayton Replacement Jaws				
	4 in	4CPG4	4CPG4	2
	4 in	4CPG9	4CPG9	2
Dayton Handles				
	4 in	4CPH1	4CPH1	1
	6 in	4CPH2	4CPH2	1