


**Benchtop**  
**48WE86**

**Floor Stand**  
**36HZ85**


## 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.

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	⅓	750 RPM – 3,200 RPM	2.3 A	½ in	Countersinking, Drilling, Reaming	Dayton	40PM08
	10 in	5 in	⅓	650 RPM – 3,070 RPM	4.1 A	⅝ in		Dayton	16N196
	13 in	6 ½ in	⅓	260 RPM – 4,220 RPM	4.9 A	⅝ in		Dayton	54ZW27
115/230V AC ; Single-Phase	15 in	7 ½ in	¾	210 RPM – 3,500 RPM	9 A	½ in	Boring, Countersinking, Drilling, Reaming	Jet	48WE86
Belt Drive Type, Variable Speed Control									
115V AC ; Single-Phase	12 in	10 ½ in	½	530 RPM – 3,100 RPM	5 A	½ in	Drilling	Jet	436C76
Direct Drive Type, Variable Speed Control									
115V AC ; Single-Phase	9 ⅞ in	4 ⅞ in	¼	2,000 RPM – 12,000 RPM	5 A	⅛ in	Drilling	Dayton	2LKU8
Floor Stand Drill Presses for Wood									
Belt Drive Type, Fixed Speed Control									
115/230V AC ; Single-Phase	16 ½ in	—	¾	200 RPM – 3,630 RPM	9/4.5 A	½ in	Drilling	Jet	25CH39
	16 ⅞ in	—	¾	210 RPM – 3,500 RPM	—	½ 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	½ in		Powermatic	36VE10


**Angle**  
**6Z844**

**Cross Slide**  
**3W766**

**Drill Press**  
**6Z847**

**Milling Machine**  
**4KXE7**

**Milling Machine**  
**24W155**

**Self-Centering**  
**4CPF5**

**Toolmaker's**  
**16Y478**


## Machining Vises

Description	Jaw Width (in.)	Jaw Opening (in.)	Brand	Item No.
<b>Angle</b>				
2-Way Angular Machine w/Swivel Base	4 in	4 in	Dayton	4CPF1
3-Way Tilting Machine w/Swivel Base	6 in	6 in	Dayton	4CPF2
Angle, Fixed Base	4 in	4 in	Dayton	4CPF3
Angle w/Angle Base	2 7/16 in	2 1/2 in	Palmgren	4KXE2
Angle w/Trunnion Base	6 in	6 3/4 in	Dayton	4TK08
	4 in	4 in	Dayton	6Z844
<b>Cross Slide</b>				
Cross	3 in	3 in	Dayton	4YG28
	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
<b>Drill Press</b>				
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
	3 in	3 in	Palmgren	4KXD5
	4 in	4 in	Dayton	3W761
	4 in	4 in	Palmgren	4KXD6
Drill Press	6 in	6 in	Dayton	4TK04
	6 in	6 in	Palmgren	4KXD7
	4 1/2 in	4 3/4 in	Dayton	4CPG2
	6 in	6 3/4 in	Dayton	4CPG3
	3 in	3 in	Dayton	4TK06
	4 in	4 in	Dayton	4TK05
	8 in	8 in	Dayton	4YG29
<b>Quick-Action Drill Press</b>				
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
	4 in	4 in	Dayton	6Z846
Standard Drill	6 in	6 in	Dayton	6Z847
	8 in	8 in	Dayton	4TK03
<b>Milling Machine</b>				
Cast Iron Milling Machine w/Swivel Base	6 in	6 in	Dayton	3W765
Fixed Base	5 47/50 in	9 in	Te-Co	6GJP4
Millng 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	4CPF9
	6 in	6 in	Palmgren	4KXE9
	6 in	7 1/2 in	Dayton	3W764
	5 in	4 1/2 in	Wilton	24W068
Verti-Lock Machine w/Fixed Base	6 in	7 1/2 in	Wilton	24W155
	8 in	7 1/2 in	Wilton	24W067
<b>Self-Centering</b>				
Self-Centering w/Swivel Base	4 in	4 in	Dayton	4CPF5
	6 in	6 in	Dayton	4CPF6
<b>Toolmaker's</b>				
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	Dayton	16Y479
Toolmaker's Screwless	2 1/2 in	4 in	Dayton	16Y480
<b>Dayton Replacement Jaws</b>				
Description	For Use With		Item No.	Pkg. Qty.
	4 in	4CPG4	4CPG4	2
Description	For Use With		Item No.	Pkg. Qty.
	4 in	4CPG9	4CPG9	2
<b>Dayton Handles</b>				
Description	For Use With		Item No.	Pkg. Qty.
	4 in	4CPE8, 4CPF1, 4CPF3, 4CPF5, Square is .56" x .56" Flat to Flat	4CPH1	1
	6 in	4CPH2	4CPH2	1