Benchtop and Floor Stand Drill Presses for Metal

These stationary drilling machines typically spin bits at low speeds with high torque. They to a work surface to save floor 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 Floor Stand Drill Presses with Floor Stand Drill Presses Manual Downfeed—Mount 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. Spindle Speed Drilling rsepower Range (RPM) Current Capacity in Steel

thicker metal workpieces and create larger-diameter holes require hand-cranking to lower the bit so it can drill holes in metal workpieces.

Dayton

Manual Downfeed—Provide a with Power Downfeedlong spindle travel to drill through The downfeed automatically than benchtop drill presses. They

JET

lowers the drilling head at a smooth, consistent rate to drill holes. Models can drill more uniform holes than manual-downfeed presses.

Drill Press Application

DAKE

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Details on page A1.

BAILEIGH



Benchtop Floor Stand Manual Manual Downfeed Downfeed 54**ZW**29 18F196

Brand

Item No

-	Spindle-to-					
Motor Voltage	Swing	Column Distance Ho				
Benchtop Drill Presses with	Manual Do	wnfeed				
Belt Drive Type, Fixed Speed	Control					
	15 in	7.16 in				

Delt Dilve Type, Tixeu Specu	CONTROL								
115/230V AC · Single-Phase	15 in	7 ½ in	1/2	138 - 3,476	8.6/4.3 A	1/2 in	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW29
	15 in	<u>/ ½ IN</u>	3/4	200 - 3,630	9/4.5 A	1/2 in	Drilling Dering Countercipling Deciping Tenning	Jet	3WRP4
115V AC · Single-Phase	14.16 in	7 14e in	16	420 - 4,000	15 A	1 III 5% in	Doring, Countersinking, Drilling, Reaming, Tapping	Dayton Dake Corporation	000090
TTOVAC, Single-Thase	15 3/4 in	7 % in	1	145 - 4800	15.4	1 in	Boring Countersinking Drilling Reaming Tapping	Dake Corporation	5311697
Belt Drive Type, Variable Spe	ed Control	7 70 111		110 1,000	1077		bornig, oountoronnung, brinnig, nounning, rupping	Duyton	000031
115V AC ; Single-Phase	14 1/8 in	7 1⁄16 in	1/2	545 - 4,000	20 A	5⁄8 in	Drilling	Dake Corporation	1 35GW72
Floor Stand Drill Presses with	h Manual Do	wnfeed							
Belt Drive Type, Fixed Speed	Control	747	47	100 0 170	0.0/4.0.4	47.5			F 4711/00
	15 in	7 1/2 IN	1/2	138 - 3,476	8.6/4.3 A	1/2 IN	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW30
	15 Ifi 16 76 in	7 1/2 III 8 3/6 in	9/4	200 - 3,630	9/4.5 A	56 in	Drilling	Jet	3WRP3 401 X05
	17 in	8 1/2		138 - 3 476	10 2/5 1 A	1/6 in	Boring Countersinking Drilling Reaming	Davton	547W31
115/230V AC · Single-Phase	20 in	10 in	1	150 - 4200	9/4 5 A	5/8 in	Drilling	Jet	3WBP5
110/2000 A0, olligic 1 hase	20 in	10 in	1 1/2	120 - 3,605	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	5∕s in	Drilling	Jet	18F196
	20 in	10 in	1 1/2	180 - 2,940	13/6.5 A	3⁄4 in	Boring, Countersinking, Drilling, Reaming	Dayton	54ZW28
	21 % in	10 % in	1 1/2	175 - 3,050	7.6 A	1 in	Drilling	Jet	49LX96
	15 in	/ ½ IN	1	240 - 3,200	10 A	% in	Countersinking, Drilling, Reaming	Dayton	400H52
115V AC ; Single-Phase	15 %4 III 17 in	8 16 in	3/4	145 - 4,800	15 A	16 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	167L86
	18 in	7 1/1e in	2	270 - 2,000	14 Δ	5/2 in	Drilling	Dayton Dake Corporation	107100
Belt Drive Type, Variable Spe	ed Control	7 /10 111		210 2,000	117	70111	Diming	Duite corporation	401110
11E/020V/AC+ Cingle Dhoos	15 in	15 in	1	375 - 5,000	14 A	1/2 in	Drilling	Jet	42W844
115/230V AC ; Single-Phase	20 in	10 7/16 in	2	300 - 2,000	25/13 A	1 in	Drinnig	Jet	53ZC49
115V AC ; Single-Phase	18 in	9 in	2	46 - 3,473	20 A	1 1/4 in	Drilling Tanning	Dake Corporation	1 35GW74
	18 in	9 in	2	46 - 3,550	20 A	1 in	Drining, Tapping	Dake Corporation	1 35GW73
000/460V/AC + Three Dhoos	20 in	10 1/16 IN	2	245 - 2,000	9.2 A	1 % IN	Drilling	Jet	52XH98
230/400V AG , THIEE-PHASE	20 111	TU 1/16 III	2	300 - 2,000	7/3.5 A	1 9/8 111	Boring Countercipking Drilling	Baileigh	002000
230V AC · Single-Phase	16 in	10 1/16 in	2	150 – 3,000	7 A	1 in	Milling, Beaming, Tanning,	Industrial	31XU86
200 V No , olligio i haso	22 in	11 in	3	40 - 5.000	10 A	1 5⁄32 in	Boring, Countersinking, Drilling, Reaming, Tapping	Davton	53UH06
230V AC ; Three-Phase	20 in	10 7/16 in	2	245 - 2,000	9.2 A	1 3% in	Drilling Tenning	Jet	52XH99
460V AC ; Three-Phase	20 in	10 7/16 in	2	245 - 2,000	9.2 A	1 3⁄8 in	Drinning, Tapping	Jet	52XJ01
Geared Head Drive Type, Vari	iable Speed (Control							
115V AC : Single-Phase	10 ¾ in	10 in	1 1/2	125 - 1.740	14 A	1 in	Boring, Countersinking, Drilling,	Baileigh	31XU85
460V/AC - Three Phase	20 in	10 in	0	54 2 900	224	1 in	Milling, Reaming, Tapping Poring Countercipking, Drilling, Peoming, Tapping	Douton	4671/09
Snline Drive Type Variable S	need Control		2	54 - 5,000	3.2 A	1 111	bonny, countersinking, brinning, heatning, rapping	Dayton	407890
115/230V AC · Single-Phase	15 in	7 1⁄2 in	1	400 - 5000	16/8 A	1⁄2 in	Drilling	Jet	3WBN7
Floor Stand Drill Presses with	h Power Dow	nfeed		100 0,000	10/07/	/2 111	Drining	001	•••••
Belt Drive Type, Fixed Speed	Control								
115V AC ; Single-Phase	16 in	8 in	1	262 - 2,920	11 A	1 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	499F46
Belt Drive Type, Variable Spe	ed Control	0.1		00 1 000	00.4		D.W. T		0501475
115V AC ; Single-Phase	18 in	9 in	1 1/2	68 - 1,380	20 A	1 in	Drilling, Tapping	Dake Corporation	1 35GW75
230V AC ; Single-Phase	20 % in	10 7/16 in	2	85 - 2,000	14 A	1 1⁄2 in	DORING, COUNTERSINKING, DRIIIING, Milling, Deaming, Tanning,	Balleigh	15V796
460V AC · Three-Phase	20 in	10 7/16 in	2	225 - 2 000	92A	2 in	Drilling	let	52X.I03
Geared Head Drive Type. Fixe	ed Speed Con	itrol	2	220 2,000	0.271	2.0	Stimig	501	02.000
230V AC ; Three-Phase	22 in	11 in	2	120 - 4,000	8 A	1 ¼ in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UH08
Geared Head Drive Type, Vari	iable Speed (Control		. ,					
230V AC ; Single-Phase	22 in	11 in	3	80 - 3,000	10 A	1 5/32 in	Boring, Countersinking, Drilling, Reaming, Tapping	Dayton	53UH05

Benchtop and Floor Stand Radial Drill Presses for Metal

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 helts in helt drive drill pres

Radial drill presses mount their drilling 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

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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.



replace perts in pert	unve u	nii presses.									
		Spindle-to-		Spindle Speed		Drilling			Item		
Motor Voltage	Swing	Column Distance H	orsepower	Range (RPM)	Current	Capacity in Steel	Drill Press Application	Brand	No.		
Benchtop Radial Drill Presses with Manual Downfeed											
Belt Drive Type, Fixed S	speed Cor	ntrol									
115V AC ; Single-Phase	33 in	16 ½ in	1/2	550 RPM - 3,300 RPM	5.5 A	3⁄8 in	Countersinking, Drilling, Reaming	Dayton	40PM15		
Floor Stand Radial Drill	Presses	with Manual Downfe	ed								
Belt Drive Type, Fixed S	speed Cor	ntrol									
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		
Floor Stand Radial Drill	Presses	with Power Downfee	d				0. 0. 0	,			
Geared Head Drive Type	, Variabl	e Speed Control									
220V/AC - Three Dhoos	· _	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,	Baileigh Industrial	36HZ42		
230V AG , THree-Phase -	_	13 ¾ in to 63 in	5 1/4	25 RPM – 2,000 RPM	16 A	2 in	Milling, Reaming, Tapping	Baileigh Industrial	36HZ43		

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