



Standard
40F018

Arbor Presses

Note: Pneumatic and Compound Arbor Presses are available on Grainger.com.

Standard—Dayton models feature a machined table with a slotted, removable, 4-position revolving anvil. JET model has precision-machined base, ram housing, framework, and 4-position bottom plate.



Ratcheting—Use for consistent application of force when needed for broaching or pressing large items. Ratchet device lets the lever be used in the most convenient position. Has counterweight for rapid handle return and quick ram advance via the side-mounted handwheel. Rotating table has 4 slots.



Ratcheting
40F020

Force in Tons	Swing (in.)	Table Work Surface (in.)	Anvil Dia. Work Area (in.)	Range of Slot Widths (in.)	Max. Work Height (in.)	Ram Dim. (in.)	Ram Hole Dia. x Depth (in.)	H (in.)	Base Size (in.)	Brand	Item No.
Standard											
½ ton	6½ in	3½	3 ½ in	¾ to 1 ¼ in	4 ¾ in	¾ x ¾	¾ x ¾	9 ¼ in	5 ½ x 9 ¾	Dayton	467L13
	7½ in	3 ¾ x 5	3 ¾ in	¾ to ¾	4 ¾ in	¾ x ¾	¾ x ¾	9 ¾ in	5 ½ x 9 ¾	Palmgren	21C030
	3½ in	3 x 3¼	4 in	¾ to 1 ¼ in	5 in	1 x 1 x 7.5	—	9 ¾ in	4 ¼ x 9	Dake	40F015
1 ton	8 in	4¼	4 ¼ in	¾ to 1 ¼ in	5 in	¾ x ¾	¾	10 in	6 ½ x 10 ¾	Dayton	467L14
	8 in	4 ½ x 6	4 ½ in	½ to 1 ¼	6 ½ in	1 x 1	½ x ¾	11 ½ in	6 ¾ x 11 ½	Palmgren	21C031
	8 in	5 ¾ x 4 ¼ in	4 ½ in	¾ to 1 ¼ in	6 in	1 x 1	½ x 1	11 in	6 ½ x 10 ½ in	Dayton	47328
1½ ton	4½ in	4¼ x 4¾	5 in	½ to 1 ¼ in	7 ¾ in	1 x 1 x 12	—	14 ½ in	6 x 14	Dake	40F016
2 ton	11 in	7¼ x 6 in	6 ¾ in	¾ to 2 ¼ in	8 in	1 ¼ x 1 ¼ in	½ x 1 in	15 in	7 ¾ x 15 ¾ in	Dayton	47329
	11 in	6 ¾ x 7 ½	6 ¾ in	¾ to 1 ¼ in	8 in	1 ¼ x 1 ¼	½ x ¾	15 ½ in	7 ¾ x 16	Palmgren	21C032
	7 in	5.5 x 5.5	6 ¾ in	1 ¼ to 1 ¾ in	11 ½ in	1 ¼ x 1 ¼ x 16.5	—	19 in	7 ¼ x 18	Dake	40F018
3 ton	10 ¾ in	—	6 ¾ in	1 ¼ to 1 ¾ in	12 ½ in	1 ¼ x 1 ¼	1 ¼ x 1 ¼	21 ½ in	9 ¾ x 17 ¾	Dayton	467L18
	10 ¾ in	—	6 ¾ in	1 ¼ to 1 ¾ in	12 ½ in	1 ¼ x 1 ¼	½	21 ½ in	8 ½ x 18	JET	42W946
	11 ¾ in	6 ¾	6 ¾ in	¾ to 1 ¼ in	12 ½ in	1 ¼ x 1 ¼	½	18 in	7 ½ x 16	Dayton	467L17
4 ton	12 in	8 ½ x 8 ½ in	6 ¾ in	1 to 2	12 ¼ in	1 ½ x 1 ½ in	½ x 1 in	21 ¼ in	9 ¾ x 17 ¾	Dayton	32949
	12 ½ in	6 ¾ x 7 ½	6 ¾ in	¾ to 1 ¼ in	12 ¾ in	1 ½ x 1 ½	½ x ¾	21 ½ in	7 ½ x 16	Palmgren	21C033
	16 ¾ in	9 ¾ x 10 ½	9 ¾ in	¾ to 2 ¼	15 ¾ in	1 ¾ x 1 ¾	½ x ¾	27 in	10 ¾ x 21	Palmgren	21C034
5 ton	16 ¾ in	10 x 10 ½ in	9 ¾ in	¾ to 2 ¼	15 ¾ in	1 ¾ x 1 ¾	½ x ¾	27 ½ in	10 ¾ x 21 ½ in	Dayton	52077
	24 in	12	9 ¾ in	1 ¼ to 2 ¾	17 ¼ in	2 x 2	2 x 2	30 in	10 ¾ x 23	Dayton	467L19
	6 ton	7 ¾ in	6 ¾ x 6 ¾	8 ¾ in	½ to 3 ¼ in	21 ½ in	1.5 x 1.5 x 27	—	32 ½ in	8 ¼ x 29	Dake
12 ton	10 in	9 ¾ x 10	11 ¾ in	1 ¾ to 4 ¾	26 in	2 x 2 x 24	—	62 in	21.5 x 37	Dake	40F037
Ratcheting											
3 ton	7 in	5.5 x 5.5	6 ¾ in	1 ¼ to 1 ¾ in	11 ½ in	1 ¼ x 1 ¼ x 16.5	—	19 in	7 ¼ x 18	Dake	40F020
	7 in	6.5 x 8 ¾	7 ¾ in	¾ to 1 ¼ in	18 ¼ in	1 ¼ x 1 ¼ x 24.5	—	28 in	8 ¼ x 21	Dake	40F022
	13 ¼ in	8 ½ x 10 in	7 ¾ in	1 to 2	17 ½ in	1 ¼ x 1 ¼ in	½ x 1 in	28 in	10 x 21 ¼ in	Dayton	1UH14
5 ton	17 ½ in	6 ¾ x 8.5	7 ¾ in	¾ to 2	12 in	1 ¼ x 1 ¼ x 24.5	—	24 ¾ in	8 ¼ x 37 ¼	Dake	40F024
	10 in	7.5 x 8.5	9 ¾ in	1 ¼ to 4	16 in	2 x 2 x 23	—	28 ½ in	10 x 24	Dake	40F026
	10 in	9 ¾ x 10	11 ¾ in	1 ¾ to 4 ¾	26 in	2 x 2 x 23	—	58 in	21.5 x 29	Dake	40F028



H Frame Hydraulic Presses

For pressing, bending, and straightening operations.

Manual—Dake models feature a single-speed hand pump, and a large dia. single-acting polished piston with a top-mounted gauge. Cylinder can be relocated to the right or left. Table is adjustable. JET hand-operated presses have pressure gauge for direct pressure readings. Hand crank raises and lowers table, and ram moves laterally.

Electric—Dake models feature lever control ram advance and a double-acting cylinder. 1-hand ram positioning with 4-way valve hydraulic control. Edwards presses have rolling cylinder for maximum adaptability, while open-sided design

allows longer material to pass through the frame. Electric foot pedal has integrated jog control. Includes hydraulic-assist adjustable worktable height, pressure gauge, and 20-ft. quick-connect hoses. 454R58 and 454R60 offer adjustable up/down stroke control. Adjustable PSI allows the user to set the desired pressure accurately.

Air—Feature industrial-grade hydraulic components, fully-welded solid steel frames, and V-block set. 31XV11 has adjustable table and includes pressure regulator and gauge. Made of rigid, electro-welded steel. 31XV13 has foot pedal and manual hand pump to lift and lower the working table.



31XV11



40F053

Frame Capacity (tons)	Cylinder Stroke	Working Height	Working Width	Max. Ram-to-Table Distance	Min. Ram-to-Table Distance	Distance Between Uprights	Brand	Mfr. Model	Item No.
Air									
20	7 ½ in	2 to 41"	19 ¼ in	35.91 in	1.38 in	19 ¼ in	Baileigh	HSP-20A	31XV11
25	6 in	5 ½ to 47 ½"	29 ¾ in	—	—	—	Hein-Werner	HW93301	12G734
25	6 ¼ in	44"	30 in	—	—	—	Gray	SP25 Air	36G643
30	6 in	2 to 44"	22 ½ in	40.59 in	5.9400 in	22 ½ in	Baileigh	HSP-30A	31XV12
50	7 ¾ in	2 ½ to 44"	28 ½ in	41.26 in	2.72 in	28 ½ in	Baileigh	HSP-50A	31XV13
55	13 in	6-42"	32 ¾ in	—	—	32 ¾ in	OTC	1847	19XV40
75	8 ¾ in	9 ½"	50 in	—	—	—	Gray	SP-75S	11N162
75	9 ¾ in	2 ½ to 34 ½"	31 ½ in	34.8 in	6.6900 in	31 ½ in	Baileigh	HSP-75A	31XV14
100	11 ¾ in	3 ¾ to 36 ¾"	31 in	32.01 in	4.4500 in	31 in	Baileigh	HSP-100A	31XV06
Electric									
10	6 ¼ in	35"	19 ¼ in	—	—	19 ¼ in	Dayton	467L08	467L08
10	10 in	40"	20 in	40 in	4 in	20 in	Dake	909205	40F045
25	10 in	44"	28 in	44 in	8 in	28 in	Dake	909215	40F046
40	19 in	Adjustable	27 in	32 in	7 in	35 in	Dake	972003	40F048
50	16 in	41 ¾"	44 in	41 ¾ in	0 in	44 in	Dake	909250	40F047
55	12 in	42"	39 in	—	—	—	Edwards	HAT8000	454R57
55	12 in	42"	39 in	—	—	42 in	Edwards	HAT8050	454R58
70	19 in	Adjustable	27 in	32 in	7 ½ in	35 in	Dake	972004	40F049
100	10 in	12 to 52"	35 ½ in	—	—	—	Hein-Werner	HW93610	12G740
100	19 in	Adjustable	41 in	35 in	7 ½ in	41 in	Dake	972005	40F050
110	12 in	48"	37 in	—	—	—	Edwards	HAT9000	454R59
110	12 in	48"	37 in	—	—	—	Edwards	HAT9050	454R60
Manual									
10	6 in	16"	16 ¾ in	16 in	4 in	16 ¾ in	Dake	972200	40F053
10	6 in	38"	16 ¾ in	38 in	4 in	16 ¾ in	Dake	972210	40F054
15	4 ½ in	—	—	25 in	—	—	Jet	331416	42W948
20	8 in	Adjustable	26 in	39 in	4 in	23 in	Dake	972220	429H41
35	4 ¾ in	—	—	22 ¾ in	—	—	Jet	331431	42W949
50	4 in	40"	32 ¾ in	40 in	5 in	32 ¾ in	Dake	907002	40F040
75	4 ½ in	Adjustable	36 in	36 in	6 in	44 in	Dake	907003	40F041
75	11 ¾ in	26"	13 ½ in	—	—	13 ½ in	Dayton	467L12	467L12