



## Milling Machines

These machines use rotary cutting tools to shape workpieces and create parts with complex shapes and features in manufacturing plants and machine shops. They have an adjustable table that holds the workpiece and the table can move on multiple axes to precisely position the workpiece against the cutting tool as it removes material from the workpiece. **Knee-and-Column** have cutting tools held in a vertical orientation and the workpiece is secured in a horizontal orientation on the machine's table. The table can be raised and lowered for making plunge cuts. **Drill Presses** rotate bits held in a vertically mounted drill head and drive them downward to make holes in workpieces. They support work on the table below the drill head, and maintain consistent alignment to create more accurate holes than handheld drills. Drill presses can use a variety of drill bits allowing them to ream, counter-sink, counterbore, tap, or perform other holemaking operations. Suitable for use in metal fabrication, machining, maintenance, and woodworking applications.

**Mill Drills** have a table that can move on 2 axes to position the workpieces. They combine the design of a drill press with the functionality of a milling machine, and can drill holes and remove material from the surface of a workpiece in light milling applications.



42W857



42W876



446N38



18F194



2LKP9

Motor HP	Voltage	Phase	Spindle Speed (rpm)	Spindle to Table	Table Size (in.)	T-Slot Size (in.)	Cross Travel (in.)	Longitudinal Travel (in.)	Brand	Mfr. Model	Item No.			
Knee & Column Milling Machines														
1 1/2	115/230V	1	240 - 1550	—	7 7/8 x 35 3/4	3, 3/8	9 1/2	22.25	JET	690036	42W773			
2	115/230V	1	60 to 4200	—	9 x 49	3, 3/8	12	—	JET	690180	5CEZ4			
	115/230V	1	80 to 2720	—	9 x 42	3, 3/8	12 1/2	—	JET	690006	42W772			
	230V	3	80 to 5440	—	9 x 42	3, 3/8	12 1/2	—	JET	690082	42W857			
	220V	3	80 to 3800	—	10 x 54	5/8	35 1/16	15.75	Baileigh	VM-1054-3	31XW13			
3	230/460V	3	60 to 4200	—	9 x 49	3, 5/8	12	—	JET	690948	42W876			
	230/460V	3	60 to 4200	17 1/2"	9 x 49	3, 3/8	12	34.00	JET	690202	42W871			
	230/460V	3	60 to 4500	18 3/4"	9 x 49	3, 3/8	12	36.00	JET Elite	894172	20UT63			
	230V	3	60 to 4500	18 3/4"	9 x 49	3, 3/8	12	36.00	JET Elite	894176	20UT64			
	230V	3	60 to 5000	18 3/4"	9 x 49	3, 5/8	12	36.00	JET Elite	894050	20UT75			
5	230V	3	60 to 5000	18 3/4"	9 x 49	3, 3/8	12	36.00	JET Elite	894392	20UT88			
	220V	3	80 to 3800	—	12 x 58	5/8	36 3/64	15.75	Baileigh	VM-1258-3	31XW14			
Swing	Motor HP	Voltage	Phase	Drilling Cap. Steel	End Milling Capacity	Spindle Speed	Spindle Travel	Spindle to Table	Table Work Surface	T-Slots	Cross Travel	Longitudinal Travel	Brand	Item No.
Drill Presses & Mill Drills														
10 in	5	220V	3	3/4 in	3/4 in	60 to 4500	18 in	5 1/2 in to 23 3/4 in	10 in x 56 in	5/8"	16 1/2 in	36 in	Sharp	446N40
	5	220V	3	3/4 in	3/4 in	70 to 4000	16 in	2 in to 18 in	12 in x 58 in	5/8"	16 in	40 in	Sharp	446N38
	7 1/2	220V	3	3/4 in	3/4 in	35 to 1382	18 1/2"	0" to 18 1/2"	11 5/16 in x 51 1/16 in	—	14 13/16 in	37 3/8 in	Sharp	446N39
	10	220V	3	1 in	3/4 in	45 to 1500	20 in	4 in to 24 in	14 29/32 in x 67 in	3/8"	14 29/32 in	39 3/8 in	Sharp	446N42
13 1/2 in	15	220V	3	1 in	3/4 in	45 to 1500	22 in	4 in to 26 in	17 19/32 in x 74 5/16 in	3/8"	17 39/64 in	47 1/4 in	Sharp	446N43
	5 1/2	120V	1	5/8 in	1 3/16 in	100 to 3000	2 in	8 1/4 in	15 3/4 in x 43 1/2 in	5/8"	6 3/8 in	8 1/2 in	Dayton	53UH19
14 1/2 in	1	115/230V	1	1 in	1/2 in	110 to 2580	3 1/2"	15"	7 1/2 in x 23 in	—	6 in	14 in	JET	42W854
14 in	1	120/240V	1	1 in	1/2 in	110 to 2580	3 1/2"	15"	7 1/2 in x 23 in	—	5 1/2 in	14 in	JET	18F193
	1 1/4	120V	1	5/8 in	3/4 in	90 to 3000	2 in	13 3/16 in	20 in x 7 in	1 1/2 in	6 1/8 in	11 in	Dayton	53UH20
15 1/8 in	2	120/240V	1	1 1/4 in	3/4 in	150 to 3000	5"	18"	9 1/2 x 32 1/4 in	5/8"	6 1/2 in	20 1/2 in	JET	18F194
	2	120/240V	1	1 1/4 in	3/4 in	150 to 3000	5 in	18 in	9 1/2 x 32 1/4 in	5/8"	6 1/2 in	20 1/2 in	JET	45PD01
16 in	3/4	120/240V	1	1 in	1/2 in	115 to 2580	3 3/4"	14"	7 3/8 in x 23 in	—	5 1/2 in	14 1/2 in	Dayton	2LKP8
	1 1/2	120/240V	1	1 1/2 in	3/4 in	150 to 3000	5"	17"	9 1/2 in x 32 in	—	7 in	23 in	Dayton	2LKP9
	1 1/2	120/240V	1	1 1/2 in	3/4 in	150 to 3000	5"	17"	9 1/2 in x 32 in	—	7 in	23 in	Dayton	2LKR1
20 in	5	460V	3	1 in	6 in	75 to 4200	5"	3 3/4" to 19"	10 in x 54 in	—	15 in	35 in	Dayton	484N92
	1 1/2	115/230V	1	1 1/2 in	3/4 in	50 to 2500	5"	18 1/8"	9 1/2 x 32 1/4 in	—	8 1/4 in	20 1/2 in	JET	446M38
	1 1/2	115/230V	1	1 1/2 in	3/4 in	65 to 1550	5 in	18 1/8 in	9 1/2 x 32 1/4 in	5/8"	8 1/4 in	20 1/2 in	JET	446M35
21 7/8 in	1 1/2	115/230V	1	1 1/4 in	3/4 in	130, 1550, 220, 480, 65, 925	5"	15 3/4"	9 1/2 x 32 1/4 in	—	8 1/4 in	20 1/2 in	JET	446M33
	1 1/2	115/230V	1	1 1/4 in	3/4 in	130, 1550, 220, 480, 65, 925	5 in	15 3/4 in	9 1/2 x 32 1/4 in	5/8"	—	20 1/2 in	JET	446M39
Mill Drills														
18 in	1 1/4	115	1	1 1/2 in	1 1/4 in	—	3 in	13 3/8 in	10 x 50 in	12mm	—	—	Dayton	55VC63

\* With power feed table.