



446P01

Surface Grinders

- Noncoolant fed
- 220V, 60 Hz
- 3-phase

All units include grinding wheel, auto lube system, wheel adapter/flange, wheel balancing arbor, work light, and diamond dresser.

Manual 446P01—One V and one flat way for longitudinal travel for high precision grinding. Provides accurate slot grinding by using saddle locking system. Wire rope movement with double-nut backlash eliminator. Spindle runout accuracy of 0.0001". Working surface is 6" x 18.3".

Automatic 446P06 to 446P08—Constructed with two V longitudinal ways and two cross V ways, ensuring accurate alignment between working surfaces. Mechanical valve controls the motion of table, minimizing vibration when table reaches on end and reverses back.

Automatic 446P02, 446P03, and 446P04—Have double V ways for cross travel (one V and one flat for longitudinal travel), providing automatic table and cross feed. Saddle locking system provides accurate slot grinding. Hydraulic system with oil tank prevents table from vibrating. Working surface from 6" x 18.3" to 8" x 20". 446P04 has a touch screen NC downfeed control.

Max. Grinding Length	Max. Grinding Width	Grinding Wheel Dia.	Spindle RPM	Crossfeed Handwheel per Revolution	Crossfeed Table Travel	Longitudinal Table Speed	Longitudinal Table Travel	Overall Length	Overall Width	Mfr. Model	Item No.
Manual											
12 1/2 in	6 3/4 in	8 in	10,000	0.100"	6 3/4"	196 to 984 in/min	12 3/4"	18 1/2 in	6 5/8 in	SG-618	446P01
Automatic											
12 1/2 in	6 3/4 in	1 in	10,000	0.100"	6 3/4"	196 to 984 in/min	12 3/4"	21 5/8 in	8 5/8 in	SG-820-2A	446P03
	6 3/4 in	8 in	3600	0.100"	6 3/4"	196 to 984 in/min	12 3/4"	19 5/8 in	5 9/16 in	SG-618-2A	446P02
	6 3/4 in	8 in	10,000	0.100"	6 3/4"	196 to 984 in/min	12 3/4"	21 5/8 in	8 5/8 in	SG-820-2AN	446P04
20 1/2 in	8 1/2 in	1 in	10,000	0.200"	6 3/4"	196 to 984 in/min	24 3/4"	32 in	16 in	SH-1632	446P07
	8 1/2 in	14 in	10,000	0.200"	6 3/4"	196 to 984 in/min	18 3/4"	24 in	12 in	SH-1224	446P06

446P15



OD Grinders

- Distance between center: 27 -1/2"
- Infeed range: 0 to 10"
- Max. Grinding dia.: 10"
- Max. Load between centers: 180 lb.
- Spindle rpm: 10,000
- 3-phase, 220V, 60 Hz

Can grind up to 12" outside dia. And 24", 40", 60", and 80" length work. Equipped with manual operated wheelhead infeed, and hydraulic table feed. Electronic control workhead can be swivel by 90° for CCW and CW grinding operations. Table travels on cushion of oil with no metal-to-metal contact. Automatic lubrication system with dual oil cover, prevents coolant from entering into workhead.

446P15 and 446P6 feature variable speed drive. 446P17 wheelhead feed is manually-operated. 446P18 has auto head infeed.

Coolant Tank Cap.	Swing	Machine Depth	Machine Width	Machine Height	Includes	Mfr. Model	Item No.
21 gal	10 in	54"	87"	74"	(2) Carbide Tip Centers MT3, 5 in Wheel Flange, Auto Lube System, Balancing Arbor, Coolant System, Diamond Dresser with Holder, Grinding Wheel with Flange, Halogen Work Light, Manual Tailstock MT3, Tool Box, Work Head MT3	OD-820-SE	446P15
	10 in	90"	90"	76"	(2) Carbide Tip Centers MT3, 5 in Wheel Flange, Auto Lube System, Balancing Arbor, Coolant System, Diamond Dresser with Holder, Grinding Wheel with Flange, Halogen Work Light, Manual Tailstock MT3, Tool Box, Work Head MT3	OD-1020-HE	446P16
36.8 gal	10 in	89"	119"	80"	(2) Carbide Tip Centers MT4, 5 in Wheel Flange, Balancing Arbor, Coolant Tank, Diamond Dresser and Stand, Grinding Wheel, Infinite Variable Work Head MT4, Manual Tailstock MT4, Tool Box, Wheel Extractor, Work Light	OD-1324-HE	446P17
	10 in	89"	119"	80"	(2) Carbide Tip Centers MT4, 5 in Wheel Flange, Balancing Arbor, Coolant Tank, Diamond Dresser and Stand, Grinding Wheel, Infinite Variable Work Head MT4, Manual Tailstock MT4, Tool Box, Wheel Extractor, Work Light	OD-1324-SE	446P18



2RYN9

Sanders

DISC

Use for deburring, chamfering, grinding, and finishing large workpieces.

OSCILLATING SPINDLE

Features 1" oscillating action to reduce friction heat, built-in 2" dust port, and 4 nonskid rubber feet. Tilts to 45°.

OSCILLATING BELT

For edge, face, bevel, and contour applications. Oscillating feature reduces heat build-up. Quick-release lever and control dial help track and replace belts. Cast-iron table moves up or down.

DRUM

Innovative conveyor belt TRACKERS reduce the need for manual belt adjustments.

42W883



Belt Sander 55MJ90



HP	Phase Voltage	Amps AC	Disc Dia. (in.)	Disc Speed (rpm)	Disc Table Size (in.)	Disc Table Tilt-Out Angle (Deg.)	Dust Collection Port Size (in.)	Overall H (in.)	Overall W (in.)	Overall D (in.)	Brand	Mfr. Model	Item No.
Disc Sanders													
3/4 hp	1	120	7.5	12 in	1720	17 1/4 x 8 3/8	45°	2	14 3/8 in	17 1/4 in	17 in	Dayton	2RYN9
	1	120	8	12 in	1725	8 3/8 x 16	0 to 45°	2	46 in	18 in	20 1/2 in	Dayton	499F69 499F69
1 1/2 hp	1	115	17.8	16 in	1750	18 1/2 x 8 1/2	45°	4	44 in	24 in	28 in	Dayton	400H38 400H38
	1	115/230	20/10	12 in	1960	12 x 16 1/2	45 Out	4	43 in	17 in	29 in	JET	414602 3WRP7
2 hp	1	115	—	12 in	2375	17 1/4 x 9	45°	4	54 1/2 in	31 1/4 in	24 in	Powermatic	1791291K 45PD10
	1	230	11.2	20 in	1750	22 1/2 x 8 1/2	45°	4	47 in	28 in	28 in	Dayton	400H39 400H39
3 hp	1	220	15	20 in	1100	25 1/2 x 14 1/2	45°	—	54 1/2 in	28 in	30 1/2 in	Baileigh	DG-500 31XU84
	3	220	5.2	20 in	1750	22 1/2 x 8 1/2	45°	4	47 in	28 in	28 in	Dayton	400H40 400H40
	3	460	—	20 in	1725	27 1/2 x 10 1/2	—	3	53 in	28 in	30 in	JET	577011 42W968
HP	Voltage	Amps AC	Oscillations per Min.	Belt SFFPM	Belt Size (in.)	Table Work Surface (in.)	Brand	Mfr. Model	Item No.				
Oscillating Spindle Sander													
0.5 hp	110	7.5	30	—	—	14-1/2x14-1/2	JET	708404	42W883				
Oscillating Belt Edge Sander													
1 1/2 hp	115/230	18/9	108	4,000 SFFPM	6 x 89	32 x 7	JET	708447	42W971				
	220	—	—	—	6 x 108	—	Baileigh Industrial	ES-6108	45AW32				
Belt Sander													
1 1/2 hp	115/230	12.6/6.3	—	2,258 SFFPM	6 x 48	—	Dayton	55MJ90	55MJ90				
HP	Voltage	Disc Dia.	Dust Collection Port Size (in.)	Overall H (in.)	Overall W (in.)	Overall D (in.)	Brand	Mfr. Model	Item No.				
Drum Sander													
1 1/2 hp	115	—	4 in	25 in	22 1/2 in	39 in	JET	JWDS-1632	53ZC48				