

Max Disc Sander/Grinders



For Grinding Flat or Curved Surfaces

MAX Disc Sander/Grinders are widely used in pattern shops and designed for grinding flat or curved surfaces of wood, metal or plastics. They are also used in machine shops, sheet metal shops, and aircraft and aerospace plants.

Tables are cast iron, normalized and surface ground, and tilt up and down. They can be raised or lowered on floor models. Discs are cast aluminum.

All models are available with a wide choice of motors and standard and reversing starters.

Accessories

Max DC-1 Dust Collector:

- (see page 145).

Max No. 100 Universal Miter Gauge

Circular and Coreprint Fixture:

- Uses MASTER Circular and Coreprint Fixture with 3/4" slide bar.

Standard equipment on all single disc models:

- 2 Abrasive Discs, 1 quart Disc Cement, 1 Table Slot Filler Bar.

On Double Disc model quantities are doubled.



Key to Available Models

B – Bench Model

P – Pedestal Model

F – Floor Model

SD – Single Disc Model

SDH – Single Disc Heavy-Duty Model

SDP – Single Disc Pedestal Model

SD + – Four Post Model

Disc Sander/Grinder Specifications

(all with totally enclosed, fan-cooled motors)

Note: Motors other than standard are available as are Reversing types.

Model Number	Disc Size (In.)	Std. HP*	Std. Motor Phase	Std. Voltage	Std. Motor RPM	Std. Switch *	Table Tilt		Geared Table Raising	Approx. Shipping Weight
							Hand	Gear		
12-B	12	1	1	115/230	1800	T	Std.			113
12-P	12	1	1	115/230	1800	T	Std.			145
12-F	12	1	1	115/230	1800	T	Std.		Std.	178
16-B	16	1	1	115/230	1800	T	Std.			148
16-P	16	1	1	115/230	1800	T	Std.			213
16-SDF	16	1	3	230/460	1800	M	Std.	Avail.	Std.	347
16-DD	16	1-1/2	3	230/460	1800	M	Std.	Avail.	Std.	581
18-SD	18	1-1/2	3	230/460	1800	M	Std.	Avail.	Std.	372
18-DD	18	2	3	230/460	1800	M	Std.	Avail.	Std.	605
20-SD	20	2	3	230/460	1200	M	Std.	Avail.	Std.	466
20-SDH	20	2	3	230/460	1200	M		Std.	Std.	475
20-DD	20	2	3	230/460	1800	M	Std.	Avail.	Std.	703
24-SDP	24	2	3	230/460	1200	M		Std.	Std.	600
24-SD+	24	2	3	230/460	1200	M		Std.	Std.	835
24-DDB (belt)	24	3	3	230/460	1800	M		Std.	Std.	1205
30-SD	30	5	3	230/460	1800	M		Std.	Std.	1587
30-DD	30	5	3	230/460	1800	M		Std.	Std.	2123
36-SD	36	5	3	230/460	1800	M		Std.	Std.	1733
36-DD	36	10	3	230/460	1800	M		Std.	Std.	2406

*T = Toggle Switch, M = Magnetic Switch with Overloads

To order please specify model number, horsepower, voltage, phase, table tilt (hand or gear), and accessories if required.



Max Spindle Sander and Dust Collector

Excellent Stability for Precision Machines

These oscillating vertical spindle sanders are cast construction from base to table and thus have the stability required of fine precision machines.

The square normalized cast iron table is mounted on large trunnions and can be tilted up or down by a convenient handwheel through bevel and worm gears. Ten MAX-LOK Safety Spindles, ranging from 1/4" diameter x 5" long to 4" diameter x 9" long, are standard equipment.

Specifications

Table: 24"x 24" normalized cast iron, 39" from floor. Tilts 45° down or 30° up.

Spindle Speed: 1725 RPM.

Oscillation: 75 cycles per minute. Length of oscillation is 1-1/2". Spindle oscillated by heavy duty worm and gear drive running in an oil bath.

Shipping Weight: 375 pounds.

Standard Machine & Equipment

MAX OSCILLATING VERTICAL SPINDLE SANDER with three table insert rings; ten removable spindles with MAX-LOK safety threads; two spindle wrenches; five rubber drums with washers; ten abrasive sleeves; motor as shown in table.

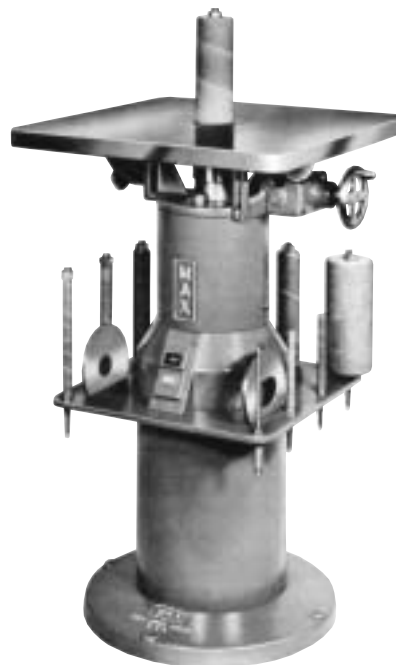
Accessories

Max DC-1 Dust Collector:

- See below

Max VS-DC-1 Dust System Adapter:

- Adapter with 3" hose ring for use with central dust system.



Models Available

(all models have Magnetic Starter with Overload)

HP	Voltage	Phase	HZ	Model No.
1	115/230	1	60	VS1-17
1	230/460	3	60	VS1-18

To order please specify model number, voltage and accessories if required.

Max DC-1 Dust Collector



The Max DC-1 Dust Collector is readily adapted to many different kinds of wood and metalworking machines, such as disc sanders, circular saws, band saws, belt grinders, surface grinders, polishing lathes, and small blast units. It mounts on an adapter, bracket, or side plate. Requires no costly ducts, and saves power because it only operates when the machine is running.

To order please specify voltage and phase required.

Max Economy Model Spindle Sander

This new Max Economy Model Spindle Sander is made in Taiwan to Max's specifications. There are six models available, each of them with a 1 HP, 60 cycle motor with Magnetic Starter with Overload. Single phase motors are available in 110, 208 and 220 voltage and three phase motors in 208, 220 and 440 voltage.

Most features are similar to the standard VS1 model, except that it is a lighter-duty model. Please call Kindt-Collins for additional information for this model.



TOLL FREE:
1-800-321-3170

State Disc Sanders



Safe, Vibration Free Operation

Pattern Shop Machinery



Model D-16



Model D-20



Model D-24

These high quality professional disc sanders have a dynamically balanced disc for safe, vibration free operation. The disc can be operated in either clockwise or counter-clockwise direction. The heavy duty direct drive motor is a maintenance free TEFC totally enclosed fan cooled motor rated for continuous operation. All controls are mounted for operator convenience and include a reversing drum switch for disc direction control. The table is durable cast iron, precision ground flat and supported on each end by cast iron table segments that assure stable operation.

Sanders are equipped with operator friendly table con-

trols. Table can be tilted 30° up and 45° down relative to the disc; can be raised to just under the center of the disc or lowered to below the disc in order to accommodate different size jobs or replace the abrasive disc.

The heavy duty cast aluminum miter gauge is calibrated for accurate angle determination, and slides in a slot machined in the table. Safety features include magnetic motor starter with overload protection, safety labels, reversible dust shield and dust routed under table for operator protection and ergonomic, well-placed controls.

Model Number	P/N	Table Size	pH	Voltage	HP	RPM	Wt.
D-16	013125	9-1/2" x 22"	1	115/220	2	1750	300
	013130	9-1/2" x 22"	3	208-230/460	3	1750	300
D-20	013115	10-1/2" x 27"	3	208-230/460	3	1750	500
	013120	10-1/2" x 27"	3	208-230/460	3	1150	500
D-24	013105	12" x 31"	3	208-230/400	3	1150	650

Standard Equipment: Steel disc, dust bag, miter gauge, work light (except KC-S-16 and KC-S-16hd models) and complete operator's manual.

Optional Equipment: Gravity dust bag, core print attachment, dust collector attachment.

To order please specify model number and quantity desired.



State Spindle Sanders

These professional spindle sanders available in two models are manufactured to exacting standards of quality and performance. Each model features a spindle and rubber drum combination designed with minimum spindle run-out for smooth vibration-free operation. The spindles are a positive-loc design that tightly engages the main drive shaft while allowing for quick and easy operator removal to change spindle sizes. The heavy duty oscillating mechanism is kept lubricated by an oil splash bath for long term dependable service.

Model T-5



Table size is 27-1/2" x 32" and table height is 36". Arbor tilts 0 to 45°. Spindle speed is 0-1725 rpm, vertical oscillation is 1-5/8", and oscillation/min 0-90. Continuous oil bath splash lubrication. Has maintenance free TEFC totally enclosed fan cooled motor allowing for variable speed sanding. Operator tailors spindle speed to the job by simply turning a knob. Large steel, vibration-free table is fabricated from 3/4" thick steel, securely mounted to a rigid cabinet. The spindle is tilted relative to the table by a hand wheel so that the work piece remains horizontal on the table, free from gravity effects. Controls are well placed and user friendly. Three throat rings minimize spindle-to-table clearance.

To order please specify model number and quantity desired.

Model B-4



Table size is 20" x 24" and table height is 40". The table tilts up 15° and down 45°. Spindle speed is 1725 rpm. Vertical oscillation is 1-5/8" at 90 oscillations a minute. Oil bath splash assures continuous lubrication. The sander is operated by a heavy duty 1/2HP maintenance free 1750 rpm TENV totally enclosed non-vented motor, rated for continuous operation. The magnetic motor starter has overload protection. The sander has controls conveniently located for easy operation. Optional JIC controls are available. The large durable 20" x 24" cast iron table is precision ground flat for accurate sanding operation. For stable operation the table is double-supported by fully annealed precision machined table segments. An easy-to-read scale allows for accurate tilt determination before engaging locking device. A tapered pin locks the table during horizontal sanding operations.

Model Number	P/N	Table Size	pH	Voltage	HP	RPM	Wt.
B4	018215	20" x 24"	1	115/220	1/2	1750	265
B4hd	018220	18" x 24"	3	208-230/460	1/2	1750	265
T5	018103	27-1/2" x 32"	1	115	3/4	0-1750	550
T5hd	018105	27-1/2" x 32"	1	220	3/4	0-1750	550

Standard Equipment: Three throat rings, 5 expanding rubber drums, 10 positive-loc spindles and complete operator's manual.

Optional Equipment: Dust collector, JIC wiring.