

SuperMax Tools offers new combo sander



The SuperMax 19-38" drum/brush sander.

By Jennifer Hicks
STAFF WRITER

SuperMax Tools debuted its new open end 19-38" drum/brush sander at the AWFS fair in July. It can eliminate tedious hand-sanding chores commonly done in small- to mid-sized cabinet shops, according to company president Bill Schroeder.

"Brush sanders have become more popular with small shops in recent years in that they're particularly helpful with sanding contours on cabinets, moldings and face frames," says Schroeder.

The sander features changeable heads, in-

cluding a sanding drum, wire brushes and nylon abrasives and variable-speed control, which are integral to the machine's versatility and function, according to Schroeder.

"We came up with the idea of using a frequency inverter to be able to control the speed better, but yet we still have enough power to drive the unit. Lots of people say they just want to retrofit our drum sander to a brush sander, but we could never do that because of the different head size and because of the head speed. Over the past couple of years, we began to play with the design and this is what we came up with."

The head speed can be adjusted from 200 to 1,800 rpm, with the top range needed for drum sanding and 200 to 1,000 rpm available for proper brush sanding.

Another new feature is a preset fast-leveling control to adjust the machine for 38" use. Also, the company's patented SandSmart technology is incorporated into the drum sanding portion of this machine to make use of the conveyor auto-regulating feature. SandSmart senses the load on the main motor of the sander. It will automatically slow down the conveyor speed should a high spot be encountered in the stock. It is also useful if an inexperienced operator attempts to overload the stock.

The bench-top machine measures 40" long, 24" wide and 24" high and sells for \$2,295. An open stand, closed stand with casters and infeed/outfeed tables are available as accessories.

Contact: SuperMax Tools. 1275 Corporate Center Dr., Eagan, MN 55121. Tel: 888-454-3401. www.supermaxtools.com

DRUM SANDING WITH INTELLISAND TECHNOLOGY

- Eliminates the guess-work of manually controlling the infinitely-variable feed speed
- Simplifies the sanding operation
- Provides a consistent finish even with varying grain pattern and density
- Greatly increases abrasive planning and dimensioning speed
- Maintains highest possible feed rate without overload

Sanding Capacity	
Maximum Width (in):	38 (two passes)
Minimum Length (in):	2-1/4 Drum 3-1/2 Brush Varies w/ App.
Maximum Thickness (in)	4 (varies with brush style)
Minimum Thickness (in):	1/32
Dimensions (in):	40L x 24W x 24H
Brush Speed:	AC Inverter
Speed Drum:	1700-1800 RPM
Speed Brush:	Infinitely variable
	200 to 1000 RPM
Dust Hood:	1- 4" vacuum port
	min 600 CFM recommended
Conveyor Motor :	43 in.-lb. torque, direct
	drive D.C. motor,
	Infinitely variable 0-10
	FPM
Drive Motor (TEFC):	1-3/4 HP, 1740 RPM
Power Requirements:	110 V 20 amp
Shipping Weight (lbs)	242 (2 boxes)

19-38" COMBO DRUM/ BRUSH SANDER

- True combo machine: Drum sand flat stock. Change sanding heads and sand contoured shapes
- Brush Applications include but are not limited to: white wood sanding, de-nibbing, sealer sanding, primer sanding, UV roughing, metal graining/straight lining, metal de-burring, sanding/ polishing solid surface material, scuff sanding, shutter sanding, de-glossing and distressing
- Bench-top unit, standard with 180 Grit Flatter sanding head
- One 4" Dust Port- 600 CFM min recommended
- Conveyor, reinforced steel bed with a poly conveyor belt
- Sanding table is easily aligns to sanding head
- AC Inverter- Variable Head Speed, 200 – 1800 RPM
- Tension rollers are adjustable in height, span, and hold down pressure
- Heavy-duty cast iron construction for strength, rigidity, and reduced vibration
- Preset "fast" control to adjust for 38" use

110 VOLT MODEL

71938 19-38 Combo Drum/ Brush:
Bench-top 180 Grit Flatter
Head Incl.

ACCESSORIES

- 71938-CL** 19-38 Closed Stand w/casters
- 71938-OP** 19-38 Open Stand
- 71938-1** 19-38 Sanding Drum
- Nylon Brush Head- Specify Grit
- Replacement Flatter Strips (12)-Specify Grit
- 98-2202** Infeed/Outfeed Tables
- "PRE-CUT" ABRASIVES
- 36-220 GRIT



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FOR MORE DETAILS VISIT WWW.SUPERMAXTOOLS.COM/DOCUMENTS/19-38BROCHUREWITHINTELLISAND.PDF