

# Newest SuperBrush sands difficult profiles

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Cabinet shops usually sand large doors with drum sanders, oscillating drum sanders, bristle-brush sanders or — the old-fashioned way — by hand. SuperMax Tools, a manufacturer of brush, drum and wide belt sanders, decided to build a machine that would eliminate the laborious and time-

consuming task of hand-sanding the smaller pieces. The company responded with the recently introduced SuperBrush 13", designed primarily for use with cabinet doors and sides.

"When you're trying to sand into the profile of a raised panel door, or trying to sand the profile of a piece of molding, you want to be able to get in, give a nice sanded finish to that profile,

without the time that it takes to do that by hand," explained Warren Weber, vice-president of SuperMax Tools. "The raised panel door is a great example for your final white wood or your raw wood sanding. When you run it through a drum sander and then you random orbit it and then hand sand the profiles, you've sanded different parts of that door to different degrees. So all your

stains and finishes accept unevenly. You get a blotchy spot or a shiny area because of the different pressures."

With the SuperBrush machine, when the door is run through a brush as the final step toward sanding, all surfaces have been sanded with exactly the same pressure with the same abrasive. The stains will take evenly; providing the same finish penetration in the profile, rail, stile, and panel in the center, Weber said.



**The 13" brush sander, from SuperMax Tools, is particularly useful for sanding raised panel doors, according to the company.**

"And that's really its claim to fame — that uniformity and consistency that is difficult [to obtain] by doing it by hand or by using a drum sander, where you can't even get in to a profile. It's for people who do the 12" cabinet side, 12" panel; it's not for assembled doors. If you want to do components before assembly, you can do it, even heavy casework, crown moldings; you still have enough width at 12."

The SuperBrush machines are also available in 24", 36" and 49" sanding widths.

For most sanding jobs, the 13" model can be set to run at 400 to 1,200 rpm, an especially useful feature since some exotics require slower speeds to avoid tearout, according to Weber. The machine is powered by a 1-1/2-hp motor and runs on 120 volts.

"We've got built-in control over the rpm of the brush head, the feed rate of the conveyer and the contact of the bristles," said Weber. "Most of the time, you can use the same grit for different materials, just by altering the machine parameters."

An optional sanding drum allows the small shop with limited floor space to get a drum and brush sander in one footprint.

The SuperBrush 13" model comes with a bristle depth gauge and one bristle brush. Accessories include additional brushes, casters, infeed/outfeed tables and a digital depth gauge. It has a street price of \$3,800.

Contact: SuperMax Tools, 1275 Corporate Center Drive, Eagan, MN 55121. Tel: 888-454-3401. [www.supermaxtools.com](http://www.supermaxtools.com)