

Manufacturer	Auto Conveyor Adjustment	Infinite Variable Speed Conveyor	"No give" Conveyor Belt	"No give" abrasive attachment	Min. stock length	Min. Stock thickness	Max stock thickness	Adj. tension rollers	Full stock width sanding	37" Sanding Width	Motor HP	Country of Origin
SUPERMAX TOOLS	Y	Y	Y	Y	2-1/4" (3-1/2" w/double drum)	1/32"	12" (6" w/25x2)	Y	Y	(Only SMT guaranteed flat to 0.010") Y	5 or 7-1/2	USA
Powermatic	N	N (two speed)	N	N	9"	1/32"	5-1/4"	N	Y	N	5	Taiwan
General	N	N	N	N	5"	1/4"	5"	N	Y	N	3	Taiwan
Grizzly	N	N	N	N	9"	1/8"	4-1/4"	N	N	N	5	Taiwan
JET (Performax)	Y (one model)	Y	Y	Y	2-1/4"	1/32"	4"	Y	N	1- model (two passes)	1 or 1-3/4	Taiwan
Woodmaster	N	Y	N	N	7"	1/4"	5"	N	N	Y	5 or 7-1/2	USA
Oliver	N	N (two speed)	N	N	9"	.2"	4"	N	Y	N	10	Taiwan
RBI	(DISCONTINUED)			(DISCONTINUED)			(DISCONTINUED)			(DISCONTINUED)		
Delta	N	Y	Y	Y	5"	1/8"	4"	N	N	N	1-1/2	Taiwan

Dare to Compare: SUPERMAX (The Best Are Back) vs. other manufacturers:

SuperMax Tools is the only manufacturer (domestic or import) who specializes in drum and brush sanders and sanding. It is not an addition to another line or some other tool converted to sanding.

SuperMax Tools line of sanders offers sanding performance (and value) simply not possible from other sander manufacturers.

SuperMax Tools sanders utilize (offer) many exclusive features not found on other sanders. The list includes:

Full width sanding - No need to flip stock around for full width sanding on a SuperMax sander. No need to worry about a visible line or a crown down the center of wide panels. SuperMax Tools guarantees flatness to 0.010" across the width of any of our drum sanders.

Patented abrasive fasteners-no other part of a sander is accessed more frequently. Not only are the SuperMax fasteners easy to use, they effectively tension the abrasive wraps, preventing loose abrasive, overlap and the potential for ruined stock. Most competitors use a non-effective attachment method of abrasives that simply does not effectively tension the abrasives. Many versions are also very difficult to wrap the abrasives without the help of an assistant. Some even use strapping tape, an external clamp or require you to find wrenches just to change the abrasives!

Infinitely variable conveyor speed-the ability to adjust conveyor speed to best match an application is paramount to achieving acceptable sanding results. Many competitors use only a single or two speed conveyor, offering virtually no adjustment to properly match the application to the sander.

Auto conveyor adjustment-This is the next step beyond infinitely variable conveyor speed! It provides for the ultimate finish and unsurpassed productivity. SuperMax does this with SandSmart control, which will automatically slow the conveyor if needed and automatically speeds it back up, thus preventing uneven and inconsistent sanding and providing 100% efficiency.

"No Give" conveyor belt- Utilizing a conveyor belt that will not "give" or allow wood to squash into its surface gives the absolute best performance when sanding consistently. Most other manufacturers take a short cut and use a plastic or rubber belt which allows stock to push into the belt, causing an inconsistent feeding through the sander.

Abusive surface "no give" conveyor belt- The abrasive surface of the SuperMax conveyor belt gives the best "grip" on raw wood of any conveyor belt on the market. This means the least possible chance of wood slipping while sanding, thus giving a better finish and a much safer feeding of stock. It also means less hold down pressure is needed to keep stock from slipping. Using less hold down pressure also prevents "squashing" of stock as it is sanded. The result of not squashing stock is a perfectly flat finish on sanded stock.

Hard Drum vs. Soft Drum- The abrasives on a SuperMax are wrapped directly to a precisely machined sanding drum. If there is anything soft between the abrasives and the drum, whether it is felt, Velcro® (hook & loop), rubber, etc. all dimensioning tolerances are lost. There is dramatically increased potential to round over edges, over-sand soft grain and under-sand harder grain. A soft drum also prevents keeping a crisp edge on sanded stock. "Soft Drums" also have a much greater potential to over heat as the soft material acts as insulation, preventing proper cooling of the sanding drums and sanded stock and the potential burning of stock being sanded.

Height adjustment-All SuperMax sanders have an adjustable height system which have a direct adjustment that is shaft and gear controlled. Height adjustments on other sanders use a chain and post or belt and post design which will not provide consistent performance.