

QuickSand

Economic Versatile Edge Rounding

For Laser and Punch Parts



Rounded Edges — Low Cost

An effective simple Edge-Rounding System to:

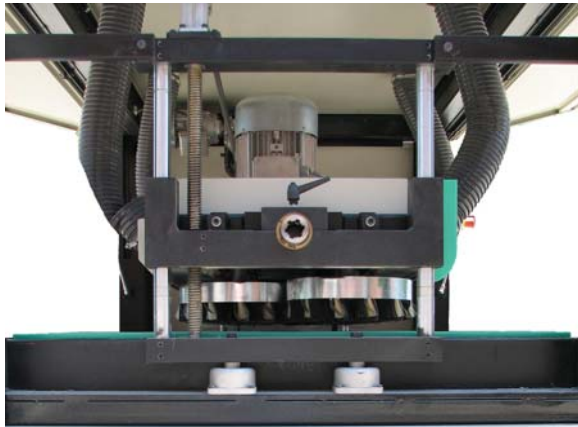
- Deburr Light Burrs
- Round Edges
- Remove Loose Particles
- Create a Brighter Surface



Why Edge Rounding Machines from QuickSand?

- 9 Cup Brush Heads rotate with customer choice of two directions.
- The entire head-assembly oscillates by 5" to provide consistent rounding on all the edges - regardless of orientation
- Conveyor belt speed determines the level of material removal.
- Typical feed rates range from 30 to 100" per minute
- "Gentle on the surface" system can also process coated materials such as poly coated stainless or galvanized materials
- The heads can be equipped with two separate abrasive grits on each side of the backing material. Therefore by changing rotation of the heads different grits can be applied to the process.
- Material removal primarily takes place on the edge of the material—Abrasive consumption is minimal.
- A vacuum table holds down parts to a size of 4X4" (16 Square inch)
- Pressure rollers are not required.
- The system is very easy to use and does not require precise setting of material thickness
- Solid drive system via frequency converters allows for more settings of parameters.
- Dry machine only requiring 2200 CFM of suction for dust extraction—a dust collector can be provided
- Simple straightforward operator panel with clear intuitive signage.
- No special floor requirements are needed.
- Solid mechanics with sealed bearings and gear motors with low maintenance requirements
- Good access to all components for ease of maintenance.
- Conveyor is specially made for thin parts. Sanding into the conveyor is possible without damaging the belt
- Large opening height to process formed parts if needed.
- Fastest abrasive change-over for a machine of this kind.

Ease of use—Very Versatile



The Application:

- Sharp laser cut stainless steel parts: now safe during assembly and after if edges are exposed
- Punched steel and Aluminum parts with a light burr resulting from normal punching processes.
- Waterjet processed copper and brass components with sharp edges
- Coated materials



Optional Equipment:

- Dust Collectors – wet and dry
- Inlet conveyors
- Exit conveyors
- 180° return conveyors
- Sets of various grit abrasives



Changing Abrasives:

- The 1300 mm machine is equipped with 9 rotary discs.
- Each disc loads 12 strips of abrasive, double sided with a brush backing in between.
- A locking ring is turned and the strips just slide out and in.
- You only replace the strips without the holder.
- Pick the grit you find best fitting for your application. You can load two different grits—one for each side.

Technical Data

	Classic 900	Classic 1300
Working Width	36.0"	51.0"
Max. Material Thickness	8.00"	8.00"
Brush Head Motor Power	1 x 1.5 kW	1 x 1.5 kW
RPM	100 -700	100 -700
Voltage	480V/ 60 Hz	480V/ 60 Hz
Electrical Disconnect	20 A	20 A
Electrical Standard	IP 54	IP 54
Noise Level	82 dB(A)	82 dB(A)
Maximum Work Piece Weight	440 lbs	660 lbs
Minimum Work Piece Size	4.0" x 4.0"	4.0" x 4.0"
Vacuum on Entire Table	3.0 kW	3.0 kW
Adjustment Material Thickness	Fully variable – Manual Adjustment by Electrical Motor	
Adjustment for Feed Rate	Fully variable – Manual Adjustment by VFD	
Dimensions in Inch		
Length	65.0"	65.0"
Width	67.0"	83.0"
Height	62.0"	62.0"
Total Weight	1660 lbs	2060 lbs

QuickSand

is our brand for the products of the Italian manufacturer QuickWood, a machine producer for the wood working industry since many years. Quickwood now has started to produce a line for the metal working industry as well, with great initial success.

In the US MetalFinish has been appointed as the single importer since we have the broadest program of edge-rounding and deburring equipment in NorthAmerica. In Canada we work with SMD Machinery Inc to provide the best possible support for our products.

You can view more information and pictures about this provider at www.quickwood.com.



MetalFinish LLC.

SMD Machinery Inc.

50 Corporate Avenue
Plainville, CT 06062

Phone: 860-747-6560
Fax: 860-747-6560

E-mail: info@metal-finish.com

59 Valley Mills Road
Mount Albert, ON LOG 1M0 - Canada

Phone: 905-473-9095
Fax: 905-473-9480

E-mail: sales@smdmachinery.com