

SER600

SUPER EDGE ROUNDER

Q-FIN

Quality Finishing Machines



Built for applying a 2 mm radius on sheet metal parts up to 600 mm wide.

R=2
IN ONE PASS



SER600

The SER600 is the latest development within the Q-Fin product range. This deburring and edge rounding machine is equipped with 5 processing stations: one grinding belt (1st station) followed by 4 oscillating brushes (2nd + 3rd station) and 2 rotating brushes (4th + 5th station). With this machine you can apply a large edge rounding (R2) on your sheet metal parts. The Super Edge Rounder is suitable for flat parts from 4 up to 40 mm thick and a maximum of 600 mm wide. This is the perfect machine for finishing sheet metal parts that need to be powder coated or galvanised.



SUITABLE FOR FINISHING

- Steel
- Aluminum
- Stainless steel

DESCRIPTION

There is a lot to do about a 2 mm edge rounding ($r = 2 \text{ mm}$) on metal products. The question is whether such a substantial rounding is really necessary to prevent sharp edges, or more important to apply a protective layer on the sides (for example, when powder coating or galvanizing) which is as thick and strong as the layer on the rest of the surface.

Q-Fin introduces the SER600 Super Edge Rounder machine that can apply a 2 mm radius on cut parts in a single pass. This is not a standard machine that can also apply a large edge rounding on your product, but a machine that has been specifically developed to put a R2 on steel parts. This machine has five workstations and is therefore unique. One grinding belt upfront followed by four brush units. The combination ensures a perfect rounding of 2 mm on the product. The SER600 with magnetic conveyor belt is suitable for working sheet metal parts up to 600 mm wide, with a thickness of 4 up to 40 mm. The length of the products is unlimited. Those who work with thin stainless steel sheet metal parts do not need this machine, but a company that is producing (parts for) public installations on behalf of the government or parts for the petrochemical industry does. For products that need to be powder coated or galvanized, this is the ideal machine.

If you want extreme finish results, you need to do something special.



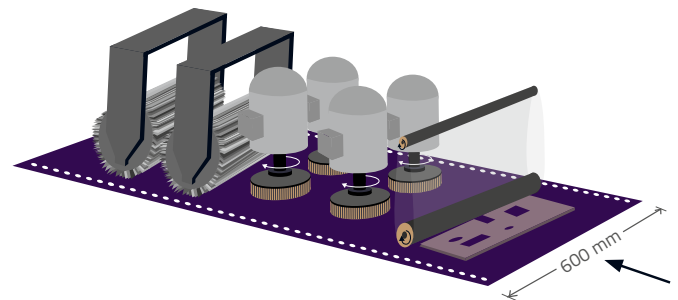
R=2 feasible in one pass

Inner and outer contours rounded

Complies with edge rounding regulations

Better edge coverage when coating

Different finishing processes in one pass



TECHNICAL SPECIFICATIONS

Conveyor belt frequency controlled: 0.3 – 5 m 1/min

With magnetic product fixation

1 grinding unit, 4 disc brushes and 2 round brushes

Minimum workpiece size: 50 x 50 mm (ferrous metal)

Maximum workpiece width: 600 mm

Maximum workpiece height: 40 mm

Connection value machine: 400V, 50Hz, 32A, 16kW

Dimensions: 3640 x 1585 x 2085 mm (L x W x H)

Weight: 3.560 kg