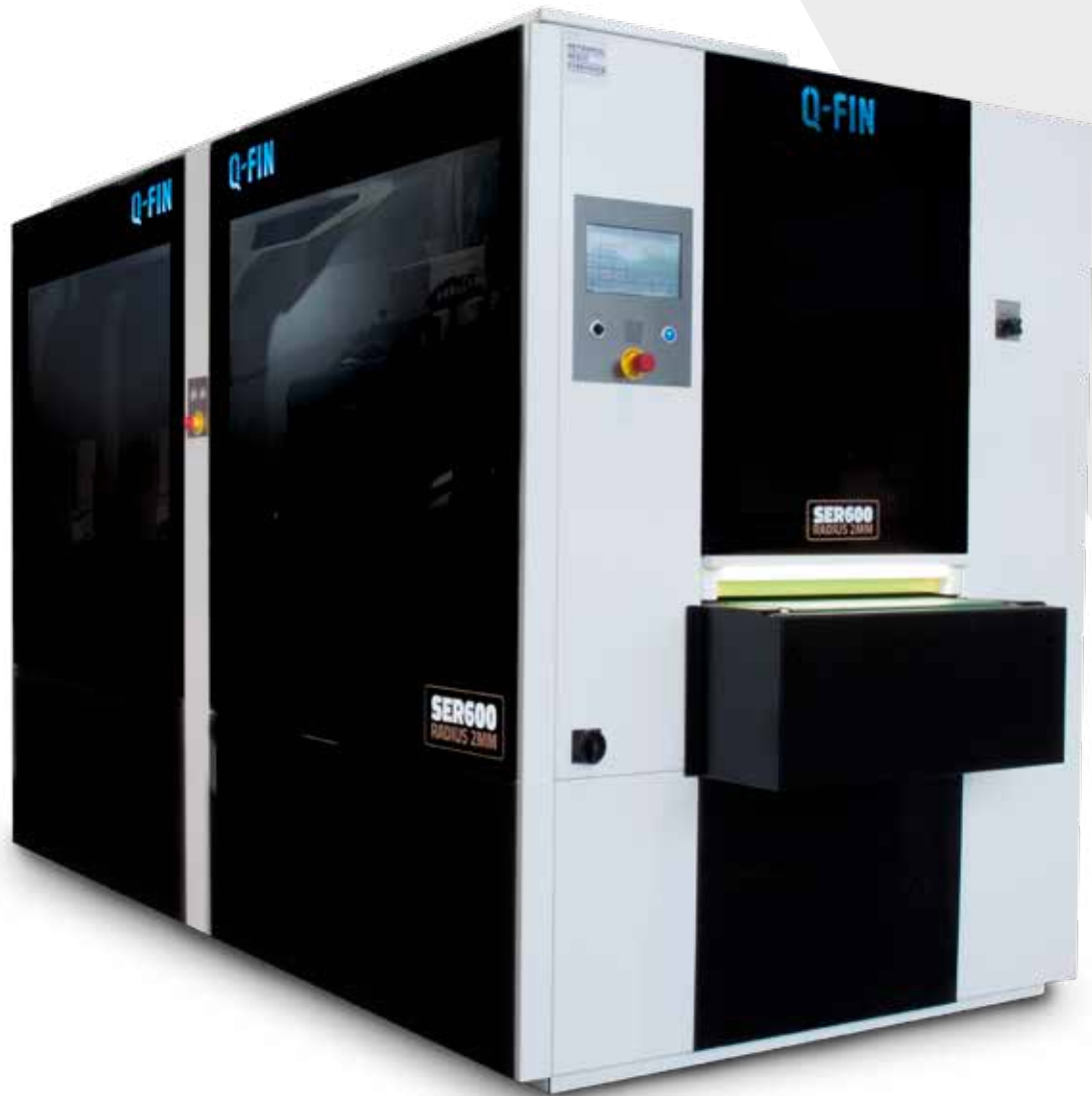


# SER600

SUPER EDGE ROUNDER

# Q-FIN

Quality Finishing Machines



## SER600

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

The SER600 is the most comprehensive machine 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.



**R=2**  
**IN ONE PASS**



## SER600

- **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**

### SUITABLE FOR PROCESSING

- ✓ Steel
- ✓ Aluminium
- ✓ Stainless steel

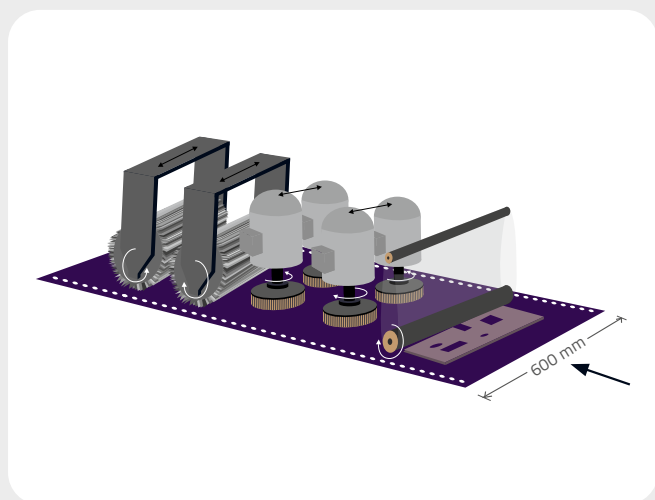
### DESCRIPTION

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 one 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 edge rounding 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. For products that need to be powder coated or galvanized, this is the ideal machine. Besides rounding edges the SER600 also can be used for oxide layer removal or deslagging sheet metal parts.

If you want extreme finish results, you need to do something special. The Q-Fin Super Edge Rounder.



### TECHNICAL SPECIFICATIONS

|                           |                             |
|---------------------------|-----------------------------|
| Conveyor belt speed       | 0.3 - 5 m <sup>3</sup> /min |
| Magnetic product fixation | ✓                           |
| Grinding unit             | 1                           |
| Disc brush                | 4                           |
| Round brush               | 2                           |
| Minimum workpiece size    | 50 x 50 mm (ferro)          |
| Maximum workpiece width   | 600 mm                      |
| Maximum workpiece height  | 40 mm                       |
| Connection value machine  | 400 V, 50 Hz, 32 A, 16 kW   |
| Dimensions (L x W x H)    | 3640 x 1585 x 2085 mm       |
| Weight                    | 3,560 kg                    |