

# SER1200 MULTIBRUSH

**Q-FIN**  
Quality Finishing Machines

**ULTIMATE ALL-IN-ONE  
MACHINE**



## **SER1200 Multibrush**

**For deburring, edge rounding with R2,  
non-directional and line finishing of sheet  
metal parts up to 1200 mm wide.**

With the SER1200 Multibrush from Q-Fin, you can perform multiple operations in one pass on sheet metal parts up to 1200 mm wide. Deburring, edge rounding, Radius 2, oxide layer removal, line finish or non-directional finish. It is all programmable for the automatically adjustable operating stations.

# SER1200 MULTIBRUSH

- Fastest and most complete deburring and finishing machine
- Suitable for non-directional finish, line finish and Radius 2
- Easy-to-use HMI screen with adjustable programs
- Reproducible finish quality with error elimination
- Combination of operations programmable

## SUITABLE FOR PROCESSING

- ✓ Aluminium ✓ Stainless steel ✓ Steel



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## DESCRIPTION

The completely newly developed SER1200 Multibrush deburring and finishing machine has 5 operating stations and a total of 20 controllable motors. The HMI touch screen operates very intuitive. The screen allows you to choose different finishing programs easily. This ensures a high reproducibility of product quality and prevents setting errors by the operator. All processing stations are equipped with automatic height adjustment.

The SER1200 Multibrush is available in several versions, including the SBMS (5 stations) and SBM (4 stations).

The first station consists of a grinding unit. The grinding belt of this aggregate removes burrs from the product surface.

The second and third stations consist of the so-called brush unit, equipped with 4 crosswise rotating oscillating disc brushes. This allows you to remove the sharp edges of the product and round off the edges. The insertion of oxide brushes also makes the machine suitable for removing the oxide layer from steel products.

The fourth station consist of a Multibrush unit. The unit has six round brushes with a maximum grinding surface. This station can apply a non-directional finish on the product or increase the radius to 2+ mm.

The fifth station (standard on the SBMS version) consists of a second grinding unit. This makes it possible to use a finer grinding belt or scotch-brite belt to put a line finish on your product.



## TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m <sup>3</sup> /min
Product fixation	Vacuum or magnet support
7.5 kW grinding unit with frequency controlled	2
2,2 kW disc brush motor with frequency controlled	4
7.5 kW Multibrush motor with frequency control	1
Minimum workpiece dimension	80 x 80 mm
Maximum workpiece width	1200 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 63 A, 32 kW
Dimensions (L x W x H)	4105 x 2205 x 2320 mm
Weight	6,000 kg