

# F600 SP4

PLANETARY FINISHING MACHINE

# Q-FIN

Quality Finishing Machines



## F600 SP4

**The new standard in smooth edge rounding and surface finish.**

The F600 SP4 is a 600 mm wide machine with planetary brush system. This deburring and finishing machine is equipped with 3 machining stations: one grinding station followed by 2 + 2 planetary heads. Each planetary head is equipped with 4 rotating disc brushes. Due to oscillation of the 4 planetary heads, this machine offers unmatched finishing possibilities. With the F600 SP4 you can perform a variety of finish operations including deburring, edge rounding and finishing. The ideal machine for finishing your sheet metal parts up to 600 mm wide.





## F600 SP4

- High processing speed
- Smooth edge rounding
- Non-directional or line finish
- Easy operation through HMI
- Compact build

### SUITABLE FOR PROCESSING

- ✓ Stainless steel
- ✓ Aluminium
- ✓ Steel

### DESCRIPTION

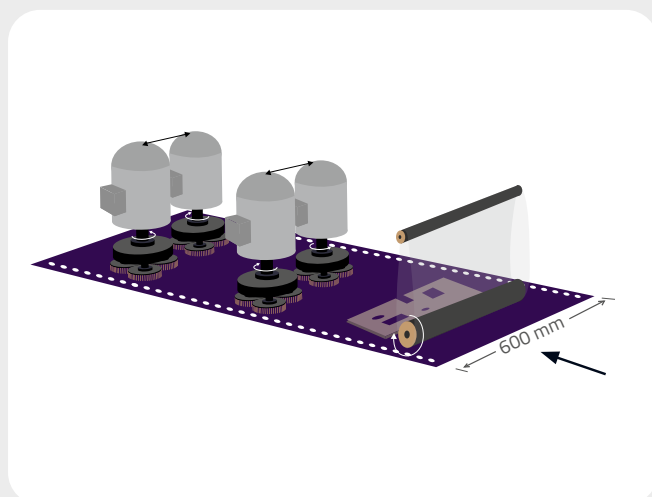
With the F600 SP4 you can deburr, finish, grind and/or round sheet metal parts in one pass. Depending on the material to be finished you can choose for the vacuum or magnet support system (respectively for non-ferrous and ferrous materials). The conveyor belt is adjusted accordingly.

The first station of the F600 SP4 consists of the grinding unit. The grinding belt of this unit takes away the burrs and/or burn-in points of the product surface. If you do not have burrs you can switch off or remove the grinding belt. You can also use a finer

sanding belt to apply a line finish to your product or finish it with a scotch-brite band.

The second and third stations consist of the so-called planetary system, equipped with 4 oscillating planetary heads which each have 4 crosswise rotating disc brushes. The F600 SP4 is the first machine to have this unique brush system which results in an even edge rounding of contours and recesses at high speed.

The HMI touch screen is easy to use and can give the operator all the information in 6 different languages.



### TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 5 m <sup>3</sup> /min
Vacuum or magnet support	✓
2,2 kW brush engines frequency controlled	4
Minimum workpiece size	50 x 50 mm (MAG) / 80 x 80 mm (VAC)
Maximum workpiece width	600 mm
Maximum workpiece height	150 mm
Connection value machine	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	2030 x 1585 x 2085 mm
Weight	2,150 kg