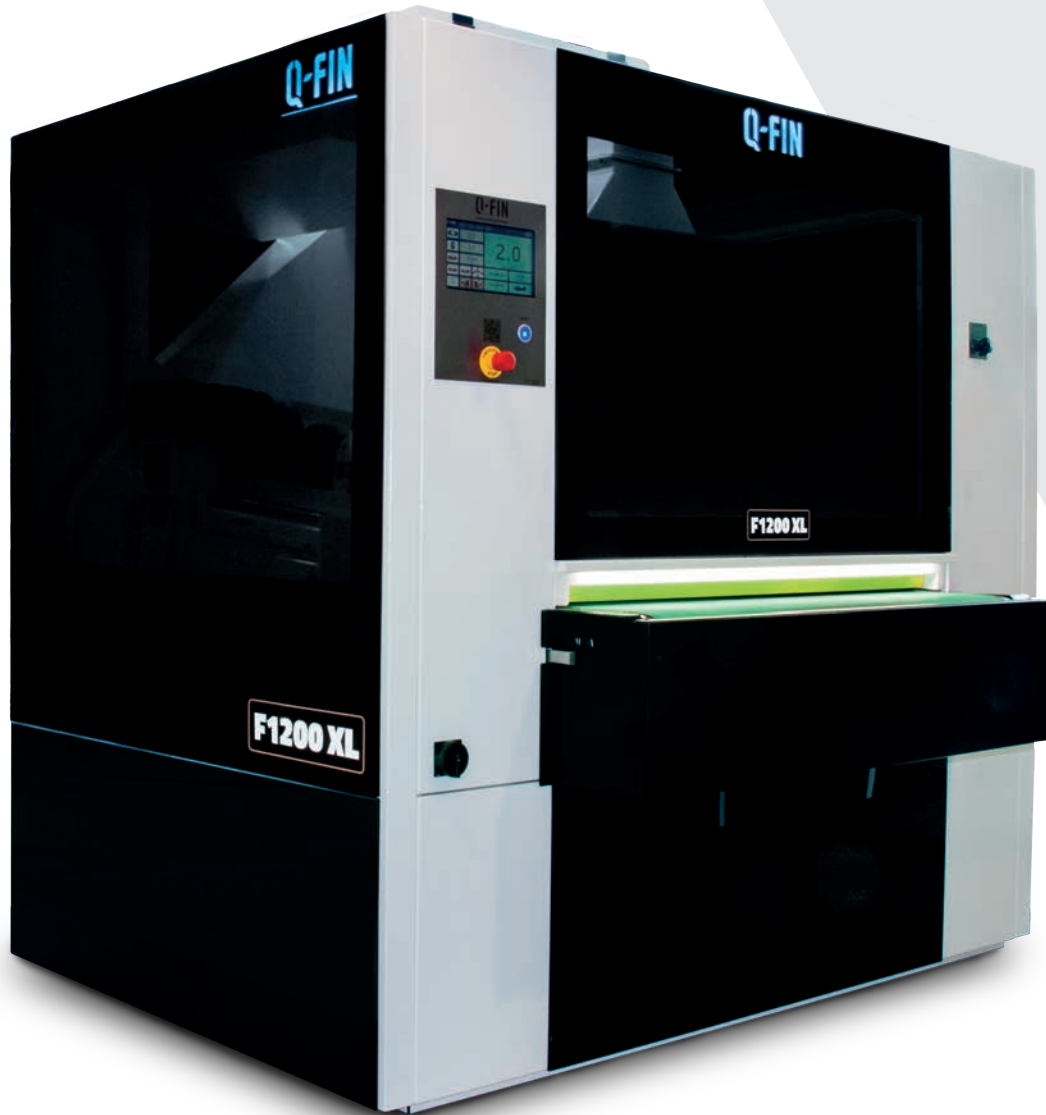


F1200 XL

DEBURRING & FINISHING MACHINE

Q-FIN

Quality Finishing Machines

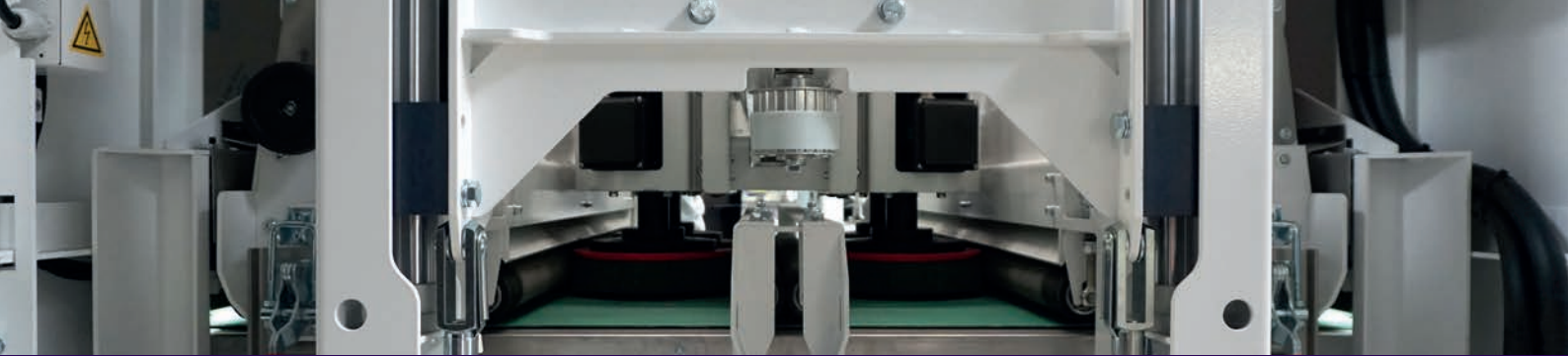


F1200 XL

Deburring, edge rounding and finishing of sheet metal parts up to 1200 mm wide. All in one, fast finishing machine.

After deburring and rounding of the edges, certain products require an end finish e.g. line graining. Or to refine the linear grinding pattern. The F1200 XL has 4 machining stations to be able to realize this and is delivered full options including automatic height adjustment on the brush engines and grinding belts. With 4 stations on 2.18 meters this finishing machine is particularly compact.





F1200 XL

- **Constant high finishing quality**
- **5 times faster than similar machines**
- **HMI touchscreen with programs**
- **Different finishing applications in one pass**
- **2 grinding belts to deburr and finish**

SUITABLE FOR PROCESSING

- ✓ Stainless steel
- ✓ Aluminium
- ✓ Steel

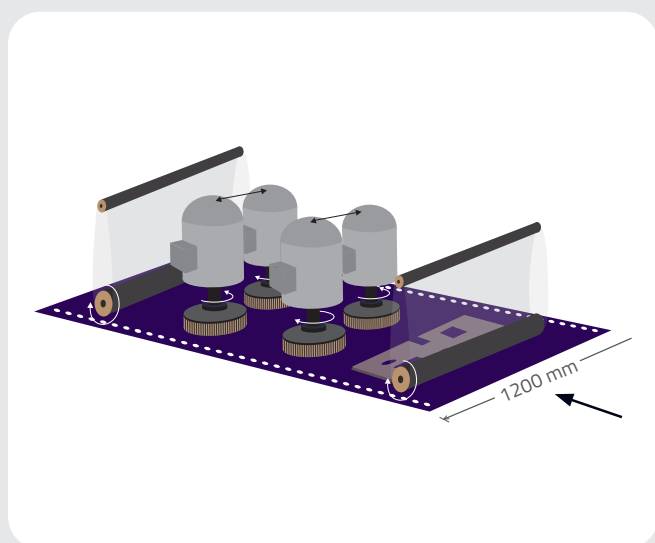
DESCRIPTION

With the F1200 XL from Q-Fin you can deburr, edge round and/or finish sheet parts up to 1200 mm wide in a single pass. Depending on the material to be processed, you can either choose a system with vacuum or magnetic product fixation (resp. for non-ferrous and ferrous materials). The conveyor belt is adjusted accordingly.

The first station of the F1200 XL consists of a grinding unit. The abrasive belt of this unit removes burrs and/or burn-in points from the product surface. If you do not have any burrs on your product then you can raise the grinding belt by motor.

The second and third stations consist of the so-called brush unit, equipped with 4 crosswise rotating, oscillating disc brushes. These allow you to remove the sharp edges of the product by breaking the edges or providing them with a (large) radius. The placement of special brushes makes the F1200 XL also very suitable to remove the oxide layer of steel products or to lower the Ra value of the surface.

The fourth station consists of a second grinding unit. This unit makes it possible to apply a line grain finish to your product by means of a fine abrasive belt or scotch-brite belt.



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m ¹ /min
Product fixation	Vacuum or magnet system
7.5 kW grinding unit met frequency controlled	2
2,2 kW brush engine frequency controlled	4
Minimum workpiece size	50 x 50 mm (MAG) / 80 x 80 mm (VAC)
Maximum workpiece width	1200 mm
Maximum workpiece height	170 mm
Connection value machine	400 V, 50 Hz, 63 A, 25 kW
Dimensions (L x W x H)	2037 x 2180 x 2090 mm
Weight	3,050 kg