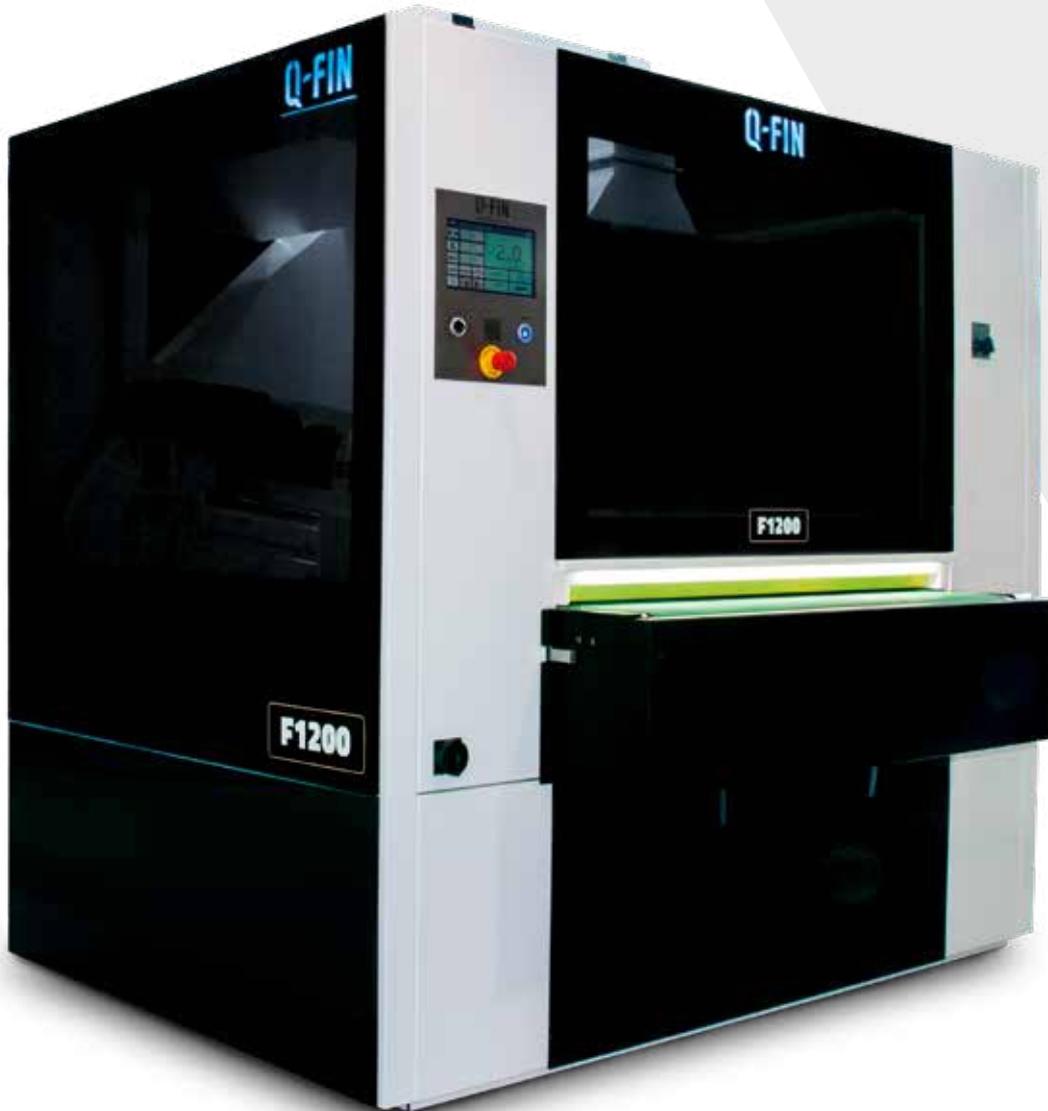


# F1200

EXCELLENT FINISHING MACHINE

# Q-FIN

Quality Finishing Machines



## F1200

**Deburring machine for finishing sheet metal parts up to 1200 mm wide.**

**5x faster and with finishing of choice.**

With the vision "small for small" and "large for large" in mind, the F1200 deburring machine has been developed by Q-Fin. The machine is able to finish workpieces up to 1200 mm wide at high speed. This deburring machine with optional vacuum or magnet support can be used for the following operations on non-ferrous and ferrous materials: deburring, grinding, edge breaking, edge rounding, slag removal, oxide layer removal, finishing and line grain finishing. A combination of these applications in one pass is also possible.





## F1200

- **Constant high finishing quality**
- **5 times faster than similar machines**
- **Large edge rounding possible**
- **Different finishing applications in one pass**
- **Stable oscillation system and grinding belt**

### SUITABLE FOR PROCESSING

- ✓ Stainless steel
- ✓ Aluminium
- ✓ Steel

### DESCRIPTION

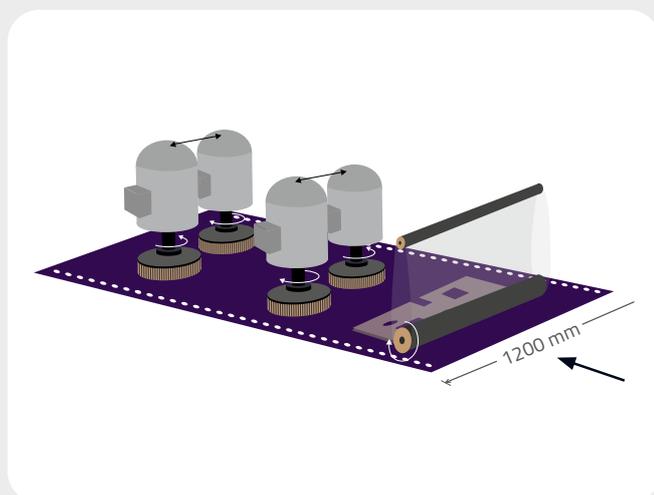
The F1200 is a machine for deburring, edge rounding and finishing sheet metal parts with a width up to 1200 mm. You determine the finish and degree of edge rounding. Depending on the materials to be processed, you can choose between a vacuum and a magnet system. The conveyor belt system will be adapted to this.

The first station of the F1200 is the grinding unit. This abrasive belt removes the burrs and/or incineration points from the product surface. You can decide yourself on the grain size of the

abrasive belt, depending on the height and hardness of the burr. If there are no burrs, you can leave the grinding belt switched off.

The second and third station is the so-called brush unit, fitted with four diagonal counter-rotating brushes. This can break the sharp edges of the product and provide the edges with a large radius. You can also change the surface finish (e.g. more gloss / lower roughness value) by changing the type and grit of the brushes. By placing special brushes, you can remove the oxide layer or do slag removal on steel products when using the F1200 with magnetic product fixation.

The F1200 allows you to do multiple finishing operations in one pass and at high speed.



### 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	1200 mm
Maximum workpiece height	170 mm
Connection value machine	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	2037 x 2180 x 2090 mm
Weight	2,650 kg