

F1200

BROADBAND FINISHING MACHINE

Q-FIN

Quality Finishing Machines



Deburring machine for finishing sheet metal parts up to 1200 mm wide. 5x faster and with finishing of choice.



F1200

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.



SUITABLE FOR PROCESSING:

- Stainless steel
- Aluminum
- 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-MAG with magnetic product fixation.

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



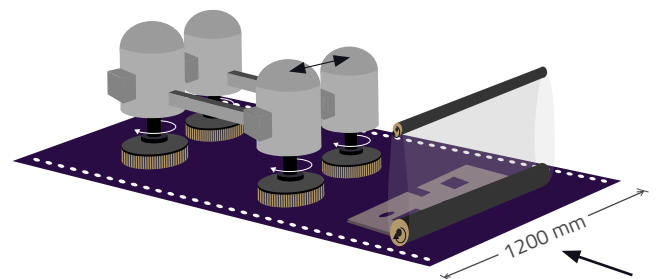
5 times faster than similar machines

Large edge rounding possible

Different finishing applications in one pass

Stable oscillation system and grinding belt

Constant high finishing quality



TECHNICAL SPECIFICATIONS

Conveyor belt frequency controlled 0.3 - 5 m1 / min

With vacuum or magnet support

4 pcs. of 2.2 kW brush engines frequency controlled

Minimum workpiece size: 50x50 mm (MAG) / 80x80 mm (VAC)

Maximum workpiece width: 1200 mm

Maximum workpiece height: 170 mm

Connection value machine: 400V, 50Hz, 32A, 16kW

Dimensions: 2040 x 2180 x 2090 mm (L x W x H)

Weight: 2.650 kg