

F800

ALL-ROUND FINISHING MACHINE

Q-FIN
Quality Finishing Machines



F800

Extremely fast deburring, grinding and/or edge rounding with this finishing machine suitable for sheet metal parts up to 800 mm wide.

This deburring, edge rounding and finishing machine has 3 workstations: a grinding belt as the first station followed by two stations with 4 oscillating brushes in total. With this F800 you can execute various finish applications including deburring, grinding, edge breaking, edge rounding, removing the oxide layer or heavy slag and line finishing. The machine is suitable for processing flat sheet metal up to 800 mm wide.

F800

- Combination of finishing operations possible in one pass
- Easy-to-use HMI screen with adjustable programs
- Vacuum or magnet support for non-ferrous or ferrous metals
- Optional automatic height setting on both grinding and brush belts
- 5 times faster than comparable machines

SUITABLE FOR PROCESSING

✓ Aluminium ✓ Stainless steel ✓ Steel



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DESCRIPTION

With the F800 from Q-Fin, you can deburr, round off and/or finish sheet materials in one single pass. Depending on the materials to be finished you select a vacuum or magnetic system (for non-ferrous and ferrous respectively). The conveyor belt is adjusted according to your choice of system.

The first station of the F800 consist of a grinding unit. The abrasive belt of this unit removes the burrs and/or incinerations marks from the product surface. If you do not have any burrs you can leave the abrasive belt switched off or remove them. It is also possible to apply a line finish to your product with a finer grinding belt or finish with a scotch-brite belt.

The second and third station consist of the brush unit, equipped with 4 cross-rotating oscillating brushes. These allows you to remove the sharp edges of the product by breaking the edges or providing them with a (large) radius.

By placing special brushes, the F800 with magnetic system also allows you to perfectly remove oxide skin or slag from steel sheet parts.



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m ³ /min
Product fixation	Vacuum or magnet support
7.5 kW grinding unit with frequency controlled	1
2,2 kW disc brush motor with frequency controlled	4
Minimum workpiece dimension	80 x 80 mm
Maximum workpiece width	800 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	2150 x 1805 x 2320 mm
Weight	2,960 kg