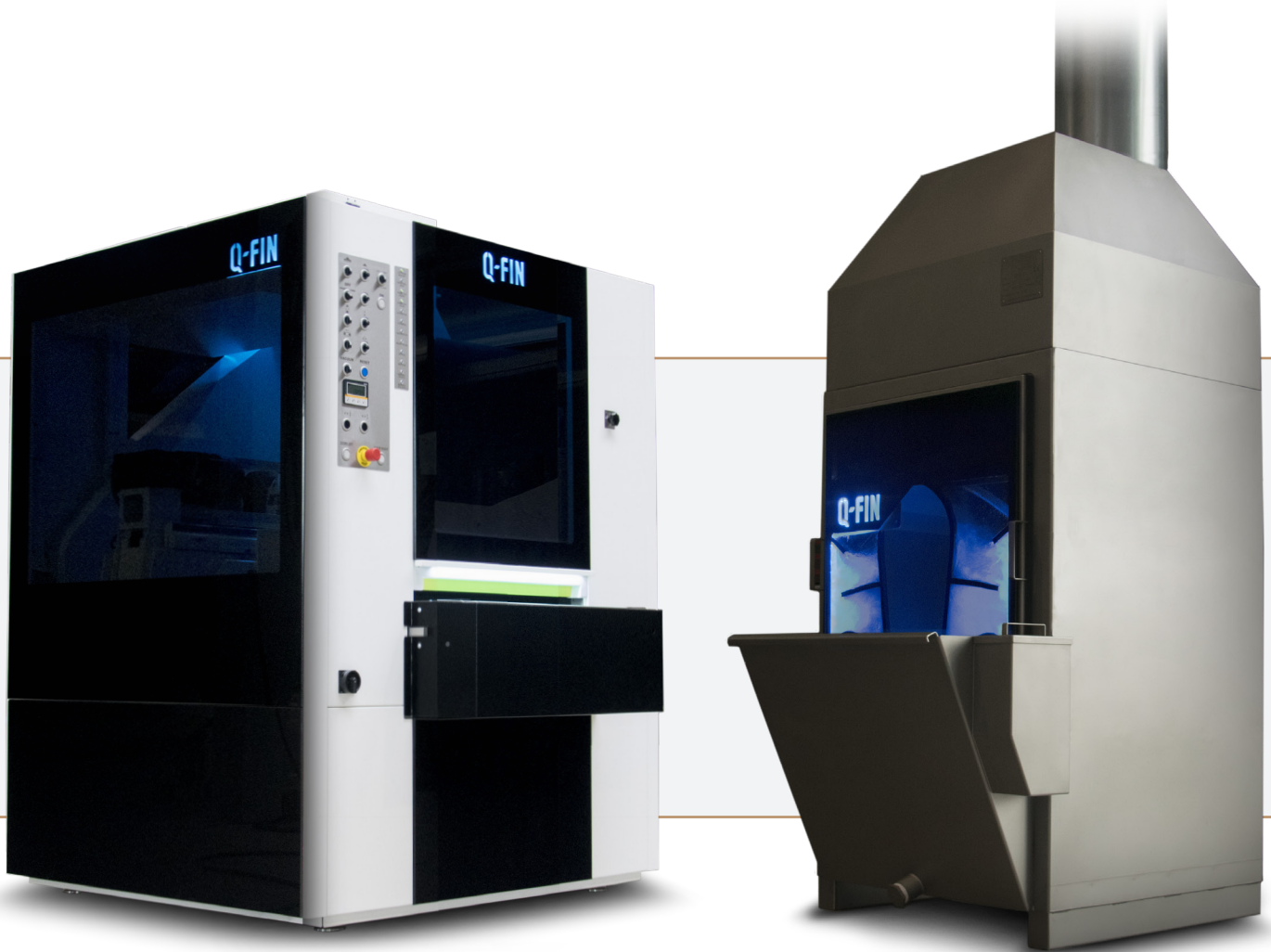


Q-FIN
Quality Finishing

Advanced Set

F1200 + WES6000



Simple and fast finishing of sheet metal up to 1200 mm wide with this wide belt grinding and deburring machine, including dust extraction.

Advanced Set

This set contains the F1200 deburring and grinding machine with vacuum or magnet support in combination with the WES6000 wet operating extraction system. The fastest solution for deburring, grinding and edge rounding sheet metal parts up to 1200 mm wide.



F1200

A deburring and grinding machine for 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 will be adapted to this.

The first station of the F1200 exists of a grinding head. The 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. Standard there will be a grinding belt grit K120 on the deburring machine. If there are no burrs, you can leave the grinding belt switched off. It is also possible to use a fine grinding belt (e.g. K320) for line graining your product or to finish it with a scotch brite belt.

The second and third station is our so-called brush unit, fitted with 4 counter-rotating, oscillating brushes. This can break the sharp edges of the product and provide them 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 steel brushes, you can remove oxide layer or do slag removal on steel product with the F1200 (magnet system).

*Minimal product size with the vacuum version 80 x 80 mm; with the magnet version 50 x 50 mm.



WES6000

WES stands for 'Wet Extraction System' and is the easiest, safest and most sustainable way to extract grinding dust according to Q-Fin. With the wet-operating dust extractor, fire and explosion hazards are prevented. Your operators can work in a dust-free area.

The WES6000 wet extraction system can be combined with virtually all our deburring machines, in many cases multiple deburring machines can even be connected to 1 WES extraction system. We can arrange the installation including pipe work if required.

The WES6000 has a suction capacity of 6000 m³/h and that more than sufficient for the F1200.

UNIQUE FEATURES **Advanced Set**

Fast deburring, grinding and edge rounding

For sheet metal parts from 50-1200 mm wide

Constant high quality finish

Easy to use and service

Including wet operating extractor and tubing

TECHNICAL SPECIFICATIONS

F1200

Conveyor belt frequency controlled 0.4 - 10 m¹/min

With vacuum or magnet support

4 pcs. 2.2 KW brush engines with frequency control

Easy to use control panel

Workpiece width: 50/80 - 1200 mm*

Maximum height of the workpiece: 170 mm

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

Measurements: 2037 x 2178 x 2090 mm (L x W x H)

Weight: 2.650 kg

TECHNICAL SPECIFICATIONS

WES6000

Ventilator 7.5 kW

Capacity 6000 m³/h

Fully manufactured in stainless steel

Automatic filling and levelling

Comes with 5 dust collectors

Control by power switch or external machine

Connection value machine: 400 V, 50 Hz, 25 A, 12 kW

Measurements: 1645 (2070) x 1090 x 2300 (2560) mm (L x W x H)

Weight: 495 kg