

Q-FIN

Quality Finishing

F200

2 STATION FINISH MACHINE



For deburring, grinding
and/or edge rounding of
workpieces of 10 to 200
mm wide.



F200

The F200 is a unique deburring machine that is especially designed for finishing small workpieces between 10 and 200 mm wide. The F200 2 stations-machine is standard equipped with the brush-height tracking system developed by Q-Fin. Combined with the simple button system this ensures that the configuration and operation of the F200 is self-explanatory, resulting in the most user-friendly machine available on the market.



SUITABLE FOR PROCESSING:

- Stainless steel
- Aluminum
- Steel

DESCRIPTION

The F200 deburring machine is standard equipped with a freely adjustable speed for the convey belt and the grinding and/or brush head(s), which makes it possible to perform all imaginable processes and to realise all imaginable results. You decide on the desired finish yourself. The machine will be equipped, at your choice, with either a vacuum system (for non-ferrous metals, for example stainless steel and aluminium) or a magnet system (for ferrous metals). These systems ensure an effective fixation of the products to be processed on the conveying table and as a result even small workpieces (from 10x10 mm) can be processed safely, smoothly and quickly.

THE F200 IS AVAILABLE IN VARIOUS VERSIONS:

- For optimal deburring and edge rounding: Abrasive belt + Brush version (standard version)
- For a perfect edge rounding: Brush + Brush version
- For the application of a grinded structure on strips, tubular profiles and workpieces: Abrasive belt + Abrasive belt version



UNIQUE FEATURES

Unique vacuum system for small products

5x faster than similar machines

You determine the finish

Easy to operate

Compact and stable machine



TECHNICAL SPECIFICATIONS

Conveyor belt is frequency controlled 1.2 - 10 m¹/min

With vacuum or magnet support

Brush engines are frequency controlled, capacity 2.2 kW

Clear control panel

Maximum workpiece width: 200 mm

Maximum workpiece height: 100 mm


Connection value machine: 400 V, 50 Hz, 10 KW, 25 A

Dimensions: 1600 x 700 x 2200 mm (L x W x H)

Weight: 700 kg

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General	Unit	F200 Vacuum or Magnet
Inspection		CE-approved with dual emergency stop circuit and reset system
Weight	kg	700 kg
Dimensions LxBxH	mm	1517 x 713 x 2112 mm
Work height	mm	980 mm
Minimum workpiece size	mm	20x20 mm vacuum of 10x10 mm magnet
Minimum workpiece height	mm	0,9 mm
Maximum workpiece height	mm	85 mm
Maximum workpiece width	mm	200 mm
Conveyor belt speed	m/min	Frequency regulated by default 1,2 – 10 m ¹ /min
Operation		Ergonomic control panel
Control of exhaust installation		Built-in drive WZRVS30 present, can also be loosened.
Adjustment		
Number of adjustment stations		2 choices of sanding belt and brush
Sanding belt		Sanding belt (quick-change system)
Brushes		Universal clamping system
Transport specification		
Conveyor belt version	°C	Special friction version in EPDM rubber Heat resistant to 140°C
Conveyor belt product	kW	Equipped with vacuum system: 2,2 kW or magnetic guidance
Cleaning conveyor belt		Cleaning brush with dust collector
Setting workpiece height		Transport table motor adjustable with digital reading
Versions		
Sanding belt version	mm kW	Frequency controlled grinding head with grinding roller Sanding belt size: 200 x 1900 mm. Motor power 2,2kW
Brush version	mm	Bowl brush: Ø 255 mm. Equipped with automatic workpiece height compensation. Various variations of brushes possible
Brush power	kW	2,2 kW motors with frequency control
Pressure rollers		Weighted pressure rolls with oil and heat resistant coating
Connection value		
Voltage	V	400 V
Frequency	Hz	50 Hz
Current strength	kW	10 kW
Power consumption	A	25 A

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