

FC120 FLAT FINISHING MACHINE



OVERVIEW:

The FC120 flat finishing machine was designed with simplicity of operation in mind. This machine is a compact and affordable solution for finishing and polishing flat bars and rectangular tubes.

The FC120 Z has one abrasive belt head, while the FC120 ZK combines an abrasive belt head with an abrasive brush head.

FC machines have a fixed working height. The adjustment for different part thicknesses is made by moving the abrasive stations up and down, keeping the conveyor belt always at the same level.

TECHNICAL DATA:

Working capacity (mm)	120x120
Feeding speed (m/min.)	12 or 4 – 15
Feeding motor (kW)	0.25
Abrasive belt speed (m/s)	20 or 10 – 25
Abrasive belt dimensions (mm)	120x1850
Abrasive belt motor (kW)	3
Abrasive brush speed (m/s)	15
Abrasive brush dimensions (mm)	120xØ200
Abrasive brush motor (kW)	1.5
Total power (kW)	4.75 (FC120 ZK)
Consumption (A)	12 (FC120 ZK)
Dimensions (mm)	1450x800x1800 (FC120 ZK)
Weight approx. (kg)	500 (FC120 ZK)

STANDARD EQUIPMENT:

- Thickness gauge (1/10mm precision)

AVAILABLE ACCESSORIES:

- Variable speed for conveyor belt;
- Variable speed for abrasive belt;
- Variable speed for abrasive brush;
- Ammeter for abrasive belt motor
- Dust extractor



Abrasive belt head with contact roller



Square and rectangular tube finishing



Abrasive brush for a smoother finish after belt grinding