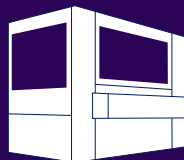



# F1500

## TECHNICAL SPECIFICATIONS



# Q-FIN

Quality Finishing Machines

General	Unit	F1500 with Vacuum or Magnet support
Authentication		CE-approved with dual emergency stop circuit and reset system
Weight	kg	2,850 kg
Dimensions L x W x H	mm	2037 x 2478 x 2090 mm
Work height	mm	900 mm
Minimum workpiece size	mm	80 x 80 mm Vacuum or 50 x 50 mm Magnet
Minimum workpiece height	mm	0.6 mm (L and W ≥ 5 x H)
Maximum workpiece height	mm	170 mm
Maximum workpiece width	mm	1500 mm
Conveyor belt speed	m/min	Frequency controlled 0.3 - 5 m <sup>1</sup> /min
Operation panel		HMI Touchscreen
Optional Wet Extraction System		WES6000 Control by deburring machine or extractor
Connection Wet Extraction System	mm	Ø 300 mm
Prescribed Extraction Capacity	m <sup>3</sup> /h	4500 m <sup>3</sup> /h
Prescribed Extraction Speed	m/s	19 m/s
Aggregates		
Number of stations		3 aggregates: abrasive belt / 1x 2 brushes / 1 x 2 brushes
Abrasive belt	mm	Grinding belt 1530 mm wide Quick change system
Abrasive belt	mm	4 pieces, Ø 255 mm Universal clamping system
Transportation		
Conveyor belt version	°C	VAC or MAG EPDM friction rubber, heat resistant up to 140 °C
Conveyor belt set-up	kW	Equipped with Vacuum system (2.2 kW) or Magnet fixation Choose Vacuum for non-ferro; Magnet for ferro metals
Maximum transport conveyor load	kg	300 kg
Cleaning conveyor belt		Cleaning brush with dust collector
Setting workpiece height		Transport table electric adjustable with digital reading
Components		
Grinding unit	mm kW	Frequency controlled grinding head with sanding drum Grinding belt size: 1530 x 1900 mm Motor power 7.5 kW
Brush version	mm	Abrasive brush: Ø 255 mm Oscillating system, cross action Equipped with automatic workpiece height compensation Various types of brushes available, grit K40 - K320
Brush power	kW	2.2 kW motors with frequency control
Press rollers		Heavy duty press rollers; rubber with a oil and heat resistant coating
Electrical specifications		
Input Voltage	V	400 V
Frequency	Hz	50 Hz
Input Current	A	32 A
Connected Load	kW	16 kW
400V plug	A	32 A