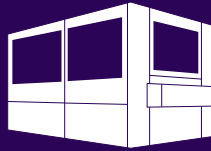



SER1200 MULTIBRUSH



Q-FIN
Quality Finishing Machines

TECHNICAL SPECIFICATIONS

General	Unit	SER1200 Multibrush (SBM)
Authentication		CE-approved With dual emergency stop circuit and reset system
Weight	kg	5350 kg
Dimensions L x W x H	mm	4105 x 2205 x 2320 mm
Work height	mm	950 mm
Minimum workpiece size	mm	80 x 80 mm
Minimum workpiece height	mm	0.6 mm (L and B ≥ 5 x H)
Maximum workpiece height	mm	150 mm
Maximum workpiece width	mm	1200 mm
Conveyor belt speed	m/min	Frequency controlled, standard 0.3 - 8 m ¹ /min
Operation panel		HMI Touchscreen with programs Multilingual, optional with SmartLink connection
Optional Wet Extraction System		2x WES6000 Control by deburring machine or extractor
Connection Wet Extraction System	mm	Ø 300 mm
Prescribed Extraction Capacity	m ³ /h	12,000 m ³ /h
Prescribed Extraction Speed	m/s	19 m/s
Aggregates		
Number of stations		4 aggregates: abrasive belt / disc brush (4) / multibrush (6)
Abrasive belt	mm	1230 mm wide x 1900 mm long Quick change system
Disc brushes	mm	4x disc brushes, Ø 255 mm with Quick Lock system 6x round brushes, Ø 350 mm x 600 mm long
Transport specifications		
Conveyor belt version	°C	Special high friction rubber Heat resistant up to 120°C
Conveyor belt set-up	kW	Equipped with vacuum (VAC) or magnet (MAG) product fixation Suitable for non-ferrous resp. ferrous metals
Maximum conveyor belt load	kg	300 kg
Cleaning conveyor belt		Cleaning brush with dust collector
Setting workpiece height		Transport table height electric adjustable with digital reading
Components		
Grinding unit	kW	Station 1: Motor power 7.5 kW Frequency controlled grinding head with sanding drum
Disc brush unit	kW	Station 2 + 3: 4x disc brush Ø 255 mm with Quick Lock system 2.2 kW motor (4) with frequency control Oscillating system, brushes rotating crosswise Equipped with automatic height setting ABS4
Multibrush unit	kW	Station 4: 6x round brush Ø 350 x 600 mm 7.5 kW motor with frequency control
ABS4		Automatic Brush height system on 4x disc brush motor
AGS2		Automatic Height setting system on 2x grinding unit
Press rollers		6x Heavy duty press rollers; rubber with a oil and heat resistant coating
Network connection		1x Data port (RJ 45) with internet access, wired CAT 5E/CAT 6E
Electrical specifications		
Input Voltage	V	400 V (3L+N+PE)
Frequency	Hz	50 Hz
Input Current	A	63 A
Connected Load	kW	24 kW
Power plug	CEE	CEE 400 V / 63 A (5-wire)