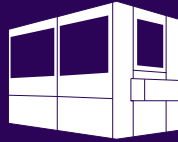



SER600

TECHNICAL SPECIFICATIONS



Q-FIN

Quality Finishing Machines

General	Unit	SER600 with Magnet system
Authentication		CE-approved With dual emergency stop circuit and reset system
Weight	kg	3,560 kg
Dimensions L x W x H	mm	3640 x 1585 x 2085 mm
Work height	mm	900 mm
Minimum workpiece size	mm	50 x 50 mm
Minimum workpiece height	mm	0.6 mm (L and W ≥ 5 x H)
Maximum workpiece height	mm	170 mm
Maximum workpiece width	mm	600 mm
Conveyor belt speed	m/min	Frequency control adjustable 0.3 - 10 m ¹ /min
Operation panel		HMI Touchscreen
Optional Wet Extraction System		WES6000 Control by deburring machine or extractor
Connection Wet Extraction System	mm	1x Ø 300 mm + 1x Ø 200 mm
Prescribed Extraction Capacity	m ³ /h	6000 m ³ /h
Prescribed Extraction Speed	m/s	19 m/s
Aggregates		
Number of stations		5 aggregates: abrasive belt / 4x disc brushes / 2x round brushes
Abrasive belt	mm	Grinding belt 630 mm wide Quick change system
Brushes	mm	4x disc brushes, Ø 255 mm 2x round brushes, Ø 350 mm
Transportation		
Conveyor belt version	°C	EPDM friction rubber, heat resistant up to 140 °C
Conveyor belt set-up	kW	Equipped with Magnet fixation Suitable for ferrous metals; non-ferrous if length at least 350 mm
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: 630 x 1900 mm Motor power 7.5 kW
Brush version	mm	Brush version station 2 + 3: 1x brush unit with 4x disc brush Ø 255 mm Oscillating system, brushes rotating crosswise Equipped with automatic workpiece height compensation Brush version station 4 + 5: 2x round brush Ø 350 mm Oscillating system, brushes rotating left and right Equipped with automatic brush height compensation
Brush power	kW	6x 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