

MFA10 Wide-belt sanding machine



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Description

The MFA 10 is a true all-round talent for all sanding tasks. It can be flexibly configured for virtually any application with up to 8 calibrating, sanding, and brushing units, tailored to customer requirements. Whether sanding a high-gloss surface or calibrating solid wood panels — the MFA 10 can be optimally configured for any task. With its extremely robust and durable construction, it is well suited for multi-shift operation in surface finishing lines.

- Medium production volumes
- Working width: 1,350 / 1,600 mm
- Road transport configuration possible
- Sanding from above
- Sanding from below

Heesemann Machines: Craft / Industry

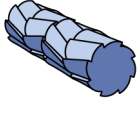
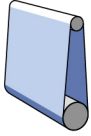
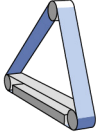


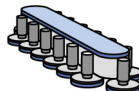
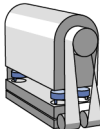
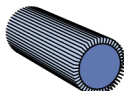
Machine stand, working height 880 mm / working width 1,350 / 1,600 mm

B 2.300 / 2.510 H 2.250 / 2.750	Lenght (mm)	Weight (kg)	Feed rate (m / min)	Extraction unit (kW m ³ / min)	
1-Beltmachine	max. 2.340	ca. 4.200 / 4.900		3,0	11
2-Beltmachine	max. 2.940	ca. 5.000 / 5.800		5,5	25
3-Beltmachine	max. 3.540	ca. 5.700 / 6.600		7,5	40
4-Beltmachine	4.140	ca. 8.500 / 9.800	3 - 15	11,0	60
5-Beltmachine	4.740	ca. 10.000 / 11.500	5 - 25	11,0	60
6-Beltmachine	5.340	ca. 11.500 / 13.300	8 - 40	15,0	66
7-Beltmachine	5.940	ca. 13.000 / 15.100			
8-Beltmachine	6.540	ca. 14.500 / 16.900			

Technical specifications subject to change.

Technical Data

Modules					
	Knife roller	Contact roller unit	Cross-belt sanding unit	Longitudinal sanding unit	Longitudinal sanding unit with pressure pad belt
Sanding belt dimensions [LxB mm]	Ø 180	2 x 1.400/1.650 3 x 1.400/1.650	5 x 150 7 x 150	2 x 1400/1.650 3 x 1.400/1.650	2.620 x 1400/1.650
Drives — power / belt speed [kW m/s]	22 30 30 30	15 24 22 24 30 24 37 24 45 24	15 2,0 - 20 22 0,5 - 20 22 2,0 - 20	15 1,8 - 18 22 0,5 - 20 22 2,0 - 20	15 1,8 - 9/18 22 2,0 - 9/20
Connector diameter[mm]	Ø 250 / Ø 280	Ø 250 / Ø 280	Ø 160 / Ø 180	Ø 160 / Ø 200	Ø 160 / Ø 200
Air velocity	20	20	20	20	20

Module				
	Planetary head unit DBS	Disc brush unit RUT	Oscillating sanding unit OSR	Brush roller unit
Sanding belt dimensions [LxB mm]	10 / 12 disc brushes Ø 150 mm	18 / 20 disc brushes Ø 180 mm	2.620 x 1.400	Ø 150 x 1.430 / 1.620 Ø 250 x 1.430 / 1.620 Ø 400 x 1.430 / 1.620
Drives — power / belt speed [kW m/s]	Satellite rotation: 1,5 kW FU ± 60 - 800 min ⁻¹ Disc rotation: 5,5 / 7,5 kW FU ± 260 - 1.300 min ⁻¹	Brush rotation: 7,5 kW FU 160 - 800 min ⁻¹ Brush movement: 1,5kW FU 5 - 25 m / min	20,5 -	Ø 150 / Ø 250: 2,2 kW 850 U / min Ø 400: 5,5 - 22,0 kW 50 - 400 U / min
Connector diameter[mm]	2 x Ø 160 / 2 x Ø 180	2 x Ø 160 / 2 x Ø 180	Ø 146	Ø 160 / Ø 180
Air velocity [m / s]	20	20	20	20

Extraction volume for conveyor belt discharge: 18.5 m³/min