

LSM 8

The powerful surface sanding machine for the industry



The LSM series fulfills highest demands in terms of **performance** and **modern technology**. Thanks to a **variable modular design** with up to 6 units, you can achieve optimal sanding results – from calibration to fine sanding to high gloss sanding. The LSM 8 is therefore the standard machine for the largest furniture and parquet manufacturers in the world. Due to respective execution and construction, the LSM series is designed for unlimited requirements in terms of operating time and performance. The LSM 8 is available as a top-sanding machine as well as a bottom-sanding machine.



Large production volumes



Working width: 1.300 mm / 1.400 mm



Line control available



Working from above



Working from underneath

Heesemann machines: Industry

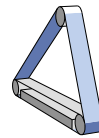
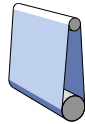
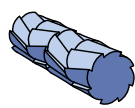


Machinery base: working height 880 mm / working width 1.300 mm

W 2.300 H 2.250 (variable)	Length (mm)	Weigth (kg)	Feed rate (m / min)	Suction device (kW m ³ / min)
1 unit	ca. 1.955	approx. 4.200	1,5 / 3,0	5-25 5,5 25
2 units	ca. 2.955	approx. 6.000	2,2 / 4,0	5-25 5,5 25
3 units	ca. 3.855	approx. 7.500	3,0 / 5,5	5-25 7,5 40
4 units	ca. 4.455	approx. 10.000	4,0 / 7,5	5-25 11,0 60
5 units	ca. 5.165	approx. 12.000	5,5 / 11,0	5-25 15,0 66
6 units	ca. 5.865	approx. 15.000	7,5 / 15,0	5-25 15,0 66

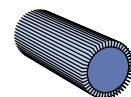
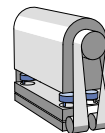
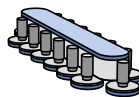
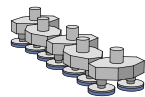
Subject to technical modifications.

Technical data LSM 8



Units

	Cutter head		Contact roller unit		Cross sanding unit		Longitudinal unit	
Sanding belt dimensions (LxW mm)	Ø 180 x 1.350mm		2.620 x 1.350 3.250 x 1.350		5.400 x 150 6.200 x 150		2.620 x 1.350 3.250 x 1.350	
Ø Contact roller			Steel Ø 250mm Rubber Ø 300mm Optional Ø 400mm					
Drives Performance / Belt speed (kW m / s)	22	30	22-75	24 / 30	13 / 17 16,5 / 21 11 22	12 / 24 12 / 24 0,5-12 0,5-24	13 / 17 16,5 / 21 11 22 30	10 / 20 10 / 20 0,5-12 0,5-20 0,5-20
Connection diameter (mm)	Ø 250		Ø 250		Ø 160		Ø 160	
Extraction value (m ³ / min)	35,0		89,5		30,5		30,5	
Air velocity (m / s)	20		20		20		20	



Units

	Planetary head unit DB-S	Disc brush unit RUT	Orbital sanding unit OSR	Brushes
Sanding belt dimensions (LxW mm)	10 disc brushes Ø 150mm	18 disc brushes Ø 180mm Sanding width: 1.350mm	2.620 x 1.350	Ø 120 x 1.380 Ø 150 x 1.380 Ø 250 x 1.380
Drives Performance / Belt speed (kW m / s)	Satellite rotation: 1,5 kW FU ± 60-300 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: 1,5 kW FU 5-25 m / min	5,5	1,5 2,2 4,0 5,5 7,5 4,0
Connection diameter (mm)	2 x Ø 160	Ø 250	Ø 140	Ø 140
Extraction value (m ³ / min)			20	18,5
Air velocity (m / s)	min. 20	20	20	20

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