



INDUSTRIAL VACUUM SYSTEMS

Product Group
Stationary Vacuum Systems

monobloc MB-RD

Heavy-duty dust extractor for

- Machining centres
- Transfer points of belt conveyors
- Air-borne dust from production processes

Suitable for the separation of dust hazardous to health

Atex explosion protection



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Dust extraction units with compressed air reverse jet filter cleaning device

Continuous extraction of machining dusts, e.g. grinding dust, turnings and plastic chips, and of airborne dusts, e.g. from material discharge stations and transfer points

Dust class M (EN 60335-2-69)

Standard equipment of model series MB-RD

- Stainless steel filter housing, cone, support legs and collection container in standard steel, colour grey RAL 7001
- Diffuser at the suction inlet for improved pre-separation
- Cartridge filter, continuous compressed air reverse jet filter cleaning
- Polyester filter cartridges, calendered surface, dust class M
- Electronic sequence control
- Inspection opening in the filter housing
- Collection container, 50 litres

Technical data filter

	Unit	MB-RD 24 P	MB-RD 44 P
Filter surface	m ²	24	44
Collection container	litres	50	50
Vacuum resistance	mbar	100	50
Protection class	IP	54	54
Compressed air pressure	bar	5-6	5-6
Compressed air consumption	Nm ³ /h	8	10
Weight approx.	kg	286	322

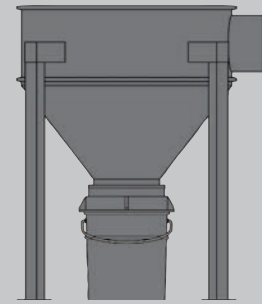
Technical data blower

	Unit	G1800	G2800	G3500	G4000	G6000
Power	kW	1.5	2.2	3.0	4.0	5.5
Voltage	V / Hz	400/50	400/50	400/50	400/50	400/50
Air flow at (vacuum)	m ³ /h	1800	2800	3500	4000	6000
	mbar	19	22	18	24	18
Max. air flow.	m ³ /h	2600	3400	3900	4500	6400
Protection class	IP	54	54	54	54	54
Weight approx.	kg	52	73	81	99	112

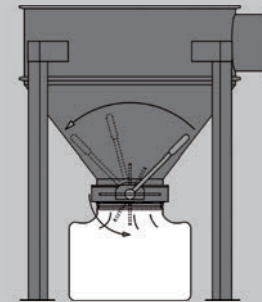
Choice of material collection systems:

Standard equipment:

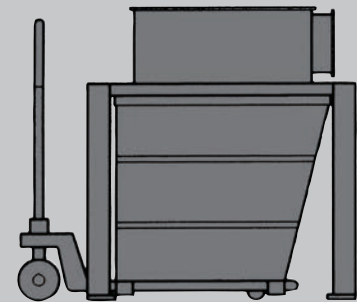
Collection container, 50 litres



Collection cone with discharge flap and fixing device for PE bag



Collection container 500 or 1000 litres



High-quality filter system with continuous compressed air reverse jet filter cleaning device



Stainless steel filter housing



Widely folded filter cartridges prevent jamming of suction material in the folds