

MSR



MODEL		MSR-3533	MSR-3534
Tension	Volt HZ	230/400 3~ 50/60	230/400 3~ 50/60
Power	KW/HP	2,2/3	3/4
Depression max.		3000	3000
Depression (max. on continuous duty)	mm.H2O	2200	2600
Air flow max.	M3/h	300	300
Filter		Polyester	Polyester
Filter surface	Cm2	20.000	20.000
Filter category	Cat/ Micron	L >3	L >3
Air load on filter	M3/m2/h	150	150
Capacity	Lt.	35	35
Suction inlet	Ø mm.	80	80
Noise level	dB(A)	68	70
Protection	IP	55	55
Dimensions	cm.	98 x 55	98 x 55
Height	cm.	115	115
Weight	Kg.	85	80

Suction unit

The suction unit is a turbine motor of the "side channel blower" type: the fan being directly shafted on the motor shaft, this type of motor requires no transmission system and provides a performance of 2.850 RPM. It is thus completely maintenance free, ideal for non-stop and heavy duty performance, very silent and resistant. The control board includes the motor switch, with safety cut off, a vacuum indicator. A diffuser filter reduces the speed and noise of the air on the exhaust outlet.

Filter unit

The filter is placed and protected inside the steel filter chamber; the polyester star filter provides a filter surface of 20.000 cm², and high filtration efficiency (class L, 3 micron). A manual filter shaker enables the user to clean the filter efficiently, by a vertical shaking movement, so as to detach most of the dust and maintain the filter clean, in order to increase its life and maintain the suction performance of the machine. The frontal aluminium die-cast suction inlet (Ø80 mm. diameter), placed below the filter, makes it possible to vacuum at the same time dust, solid and liquid material (the latter only within the capacity of the container), with no need to change or take out the filter.

Collection unit

The vacuumed material is placed inside a drop-down bin mounted on wheels (35 litres capacity), operated by user friendly handles placed at operator's height, which makes it possible to dispose easily and safely of the sucked material, if need be collecting it directly into a plastic bag.

The vacuum is mounted on a sturdy steel chassis with two pivoting wheels, one of which with brakes; all metal parts of the vacuum are epoxy painted.

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Options*

Application	Code	Description
Sticky dust and material	PTFE	PTFE treated star filter (reduces the adherence of the dust on the filter)
Fine dust subject	C	Polyester star filter with 1 micron efficiency
High temperature dust and material	NOMEX	Nomex flame proof filter, resistance up to 250° C temperatures
Dust and material subject to accumulate static electricity	ANT	Antistatic star filter
Fine dust subject to accumulate static electricity	ANT/C	Antistatic star filter, 1 micron efficiency
Very fine dust	A	Absolute filter (BIA certified) with Efficiency 99,995% particle size 0,18 µm standard EN 1822
Fine dust - certificate class M	TUV M	1 micron star filter, pressure relief valve, certificate for the suction of fine dust of class "M"
Very fine and / or toxic dust - certificate class H	TUV H	1 micron star filter, pressure relief valve, absolute filter (BIA certified) Efficiency 99,995% particle size 0,18 µm standard EN 1822, certificate for the suction of very fine and toxic dust of class "H".
Corrosive dust and material	X	Stainless steel container AISI304
Corrosive dust and material	XX	Stainless steel container and filter chamber AISI304

* Different combinations of the above options are possible (e.g. ACX , vacuum with Absolute filter, 1 micron star filter and stainless steel container)