



TS220

Industrial vacuum cleaner for dust and solid material

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.

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 (45 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.

Technical data sheet

MODEL – TS220		
Tension	Volt HZ	230/400 3~ 50/60
Power	KW	2,2
Depression max.	mm.H2O	3000
Depression (max. on continuous duty)	mm.H2O	2200
Air flow max.	M3/h	300
Filter	Star	Polyester
Filter surface	Cm2	20.000
Filter category	Cat/ Micron	L >3
Capacity	Lt.	45
Suction inlet	Ø mm.	80
Noise level	dB(A)	76
Protection	IP	55
Dimensions	cm.	100 x 52
Height	cm.	125
Weight	Kg.	81

Options

Codice	Descrizione
M	Filter for fine dust - class M
H	Absolute filter (BIA certified) with efficiency 99,995% particle size 0,18 µm standard EN 1822
ANT	Antistatic filter
PTFE	PTFE coated filter class M
NOMEX	NOMEX filter for high temperatures (max 250° C)
X	Stainless steel collection tank
XX	Stainless steel tank and filter chamber