



TS 550SE

Industrial vacuum for dust,
liquid and solid material

Suction unit

The suction is provided by a suction unit of the side channel blower type, with direct coupling between the fan and the motor shaft and no transmission system. It is thus completely maintenance free, fit for round-the-clock 24 hours duty, very silent and provides outstanding suction performances; a safety thermic switch cuts off the motor in case of overheating. The control board includes a switch (protection IP65), and a safety emergency stop button. A vacuum indicator enables constant checking of the suction performance, and to detect possible clogging of the filter.

Filter unit

The filter is placed and protected inside the steel filter chamber; the filter is made of polyester, tailored with pockets in order to increase the filter surface (30.000 cm²), and has a high filtration efficiency (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 (100 litres capacity), 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 – TS 550SE		
Voltage	Volt HZ	400/690 50/60
Power	KW	4,3
Max. vacuum rate	mm.H2O	5100
Vacuum rate (continuous duty)	mm.H2O	4000
Max Air flow rate	M3/h	320
Filter type	Cm2	30.000
Filter surface	Pocket	Polyester
Filter cat.	CAT (BIA) / micron	L >3
Container Capacity	Lt.	100
Suction inlet	∅	80
Noise level	Db(A)	76
Protection	IP	55
Dimensions	cm.	70 x 110
Height	cm.	150
Weight	Kg.	140

* Measured with fully closed suction inlet

** Measured with fully open suction inlet

Options

Cod	Description
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
NOMEX	NOMEX filter for high temperatures (max 250° C)
X	Stainless steel collection tank
XX	Stainless steel tank and filter chamber
XXX	Total stainless steel construction
FLOAT	Floating device to stop suction when the bin is full of liquids
MT	Earth grounding
LP	Longopac bagging system