



## TS 220 Z21

Industrial vacuum cleaner  
(with explosion proof ATEX certificate for  
area 21)

### Suction unit

The suction is provided by a suction unit of the side channel blower type, explosion proof certified for ATEX 21. It is completely maintenance free, fit for round-the-clock 24 hours duty, very silent; a safety thermic switch cuts off the motor in case of overheating. All electrical components, including the power switch, are EX rated and certified; a vacuum indicator enables constant checking of the suction performance, and detecting possible clogging of the filter. A pressure relief valve secures constant cooling of the motor, even in case of heavy duty service or accidental clogging of the filter.

### Filter unit

The filter is placed and protected inside the steel filter chamber; the filter is made of conductive antistatic polyester, tailored with pockets in order to increase the filter surface (20.000 cm<sup>2</sup>), and has a high filtration efficiency (class M, 1 micron). An absolute HEPA filter (class H certified, 99,995% efficiency on 0,18 micron) guarantees the retention of the finest dust particles and the purity of the air on the exhaust. 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

### Collection unit

The vacuumed material is placed inside a drop-down bin mounted on wheels (35 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. Special seal-off safety bags are available for the safe collection and disposal of hazardous dust.

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

## Technical data sheet

<b>MODEL – TS 220 Z21</b>		
<b>Explosion proof compliance</b>	ATEX Zone	21
<b>Voltage</b>	Volt Hertz	400 3~ 50/60
<b>Power</b>	KW	3,4
<b>Max. water lift (continuous duty)</b>	mm.H2O	2600
<b>Air flow</b>	M3/h	300
<b>Filter surface</b>	Cm2	20.000
<b>Filter efficiency</b>	Class	M
<b>Air load on filter</b>	M3/M2/h	150
<b>Bin capacity</b>	Lt.	35
<b>Suction inlet</b>	∅	80
<b>Noise level</b>	dB(A)	72
<b>Protection</b>	IP	65
<b>Dimensions</b>	Cl	55 x 98
<b>Height</b>	cm.	115
<b>Weight</b>	Kg	75

## Options

<b>Cod</b>	<b>Description</b>
XX	Stainless steel tank and filter chamber
XXX	Total stainless steel construction