

ATEX certified industrial vacuum cleaners three-phase

POWER InDust AX 60 TP Z22 is a three-phase industrial vacuum cleaner, ATEX 22 certified (II 3D Ex h tc IIIC T80°C (int) / T195°C (ext) Dc X), equipped with a side channel blower unit with the blower directly coupled to the motor shaft. It is ideal for vacuuming combustible, conductive and non-conductive dusts with MIE (Minimum Ignition Energy) > 3 mJ in ATEX Zone 22 classified work areas. The absence of transmission devices makes the suction unit not only quiet and powerful but also allows for continuous duty (24/7) without any need for routine maintenance. The motor protection switch protects the turbine under all working conditions. Continuous motor cooling is guaranteed by a vacuum relief valve with an antistatic safety filter, while the vacuum gauge, through constant monitoring of the vacuum level, can detect the clogging level of the filters or other parts of the suction system. The dual-stage filtration system includes an M-class antistatic polyester main filter with a large surface area (3 m²) and an H14 HEPA absolute filter (filtering surface 2.6 m²), ensuring the capture of the finest and most harmful particles. The manual filter cleaning system ensures extremely long filter life, preventing clogging, saturation and reduction of filtering capacity.



QUIET, POWERFUL AND GREAT CAPACITY



STURDY TROLLEY



MANUAL FILTER SHAKER



VACUUM GAUGE



TWO-STAGE FILTRATION: M CLASS + HEPA H14



ATEX 22 - II 3D EX H TC IIIC T80°C (INT) / T195°C (EXT) DC CERTIFICATION



BRUSH, ANTISTATIC NOZZLE AND STRAIGHT CONNECTOR (OPTIONAL)



EASY CLEANING AND MAINTENANCE

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER InDust AX 60 TP Z22	12288800001	1

TECHNICAL DATA

FEATURES

Voltage-Frequency	V~ Hz	380-420 V ³ - 50 Hz
Power	W	3000
Container capacity	l	60
Type of primary filter	Class M antistatic polyester	
Type of absolute filter	H14	
Primary filter surface area	m ²	3
Absolute filter surface area	m ²	2.6
Machine filtration class	H	
Air load on primary filter	m ³ /m ² h	122
Airflow max	l/s	88
Depression	mbar	280
Noise level	dB(A)	76
IP code for electrical components	IPX0	
ATEX Zone	22 - II 3D Ex h tc IIIC T80°C (int) / T195°C (ext) Dc X	
Power supply cable	m	10
Weight (without accessories)	Kg	100
Dimensions	mm	650x690x1860

STANDARD ACCESSORIES Ø 80

TYPE	REF. NO.
Antistatic flexible hose 3 m	2511063
HEPA filter H14 CLASS H	2512713
Polyester antistatic star filter CLASS M	3001246

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Antistatic round brush Ø 50	2511704
Antistatic cone nozzle Ø 50	2504718
Straight aluminum connector Ø 50	2519017

