

SCHEDA TECNICA

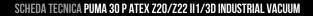
# PUMA30PATEXZ20/Z22II1/3DINDUSTRIAL VACUUM

**ASPIRATORI INDUSTRIALI ATEX ED ACD** 

The Puma 30 P ATEX Z20/Z22 is an industrial vacuum cleaner of the heavy series, for working in harsh conditions and with heavy materials. The extractor has a third-party certification (TUV) which certifies the internal area as Z20. It mounts a dual-stage side channel blower in parallel/series with high airflow/depression. The safety vacuum breaker valve is installed as standard. The tangential inlet together with the robust cyclone welded inside the filtration chamber guarantees excellent efficiency even with the finest powders. The material, entering tangentially, meets the cyclone and due to the friction generated, it loses speed falling directly into the container. This system is very useful for protecting the filter from the sucked material. The filter is in polyester, **M** class certified, with a filtration efficiency of 1 µ. The filter can be **customized** according to the specific application. The industrial vacuum is equipped, as standard, with an automatic filter cleaning system which, thanks to an **SP system in counter-current air**, is able to keep the filter always clean easily and effectively, without having to interrupt the aspiration. A practical and sturdy 175 Lt container, equipped with a release system, allows you to collect the vacuumed material and dispose of it with ease. To facilitate the handling of the container there are 4 pivoting wheels mounted on reinforced supports in order to facilitate handling even when there are several kg of material inside. On request, a kit is available that allows the handling and unloading of the container with the forklift.









# HIGHLIGHTS



#### SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.



#### SUCTION INLET

The tangential inlet is designed to ease the process of pushing the material down the bin. A sturdy metal cyclone welded inside the chamber slows the material's entry speed considerably down so that it falls directly inside the bin. This way, the filter is efficiently protected, minimizing clogging risk.





#### **FILTERING ELEMENT**

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA  $\mid$  EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the blower and the operator around the vacuum cleaner.



#### **COLLECTION BIN**

The vacuumed material is collected in an AISI 304 stainless steel container, equipped with a metal handle that enables the bin to be detached from the machine, to avoid any spark that could be generated by the electrostatic charge. Thanks to the 4 sturdy pivoting wheels, the bin can be moved very easily to then dispose of the collected material. Each wheel is reinforced to guarantee maximum stability during handling.

## **DATI TECNICI**

# MOTORE

Tipologia	side channel blower
Marcatura ATEX	II 1/3 D Ex htc IIIC T140°C
	Da/Dc
Voltaggio	400V
IP	65
Massimo vuoto	240mBar
Vuoto in continuo	200mBar
Massima portata d'aria	1.985m3/h
Valvola di sicurezza	included
Livello di rumorosità	78dB(A)
Frequenza	50/60Hz
Potenza	30HP
Classe di isolamento	F

### **FILTRO PRIMARIO**

Tipologia	cartridge
Classe EN 60335-2-69	M Class
Media	antistatic polyester
Pulizia filtro	reverse jet
Efficienza filtrante (IFA)	IFA/BGIA M-PES EXAM
	ACCREDITED

#### MACCHINA

Bocca aspirante	130Ø mm
Dimensioni	1.050 x1.950mm
Altezza	2.300mm
Peso	560Kg
Ciclone conico	incluso



# OPZIONI

# MEDIA FILTRANTE DISPONIBILE



HEPA 14 Filtro assoluto (EN 1822) 110.000 cm² superficie filtrante Classe H14 (EN 1822) Fibra di vetro





**BX** Contenitore in acciaio INOX AISI 304



RC Controllo remoto 24 V ON/OFF

# ACCESSORI



P12300/100 FLANGIA CONNESSIONE FLESSIBILE Ø 100MM Flangia di accoppiamento su aspiratore industriale DF per tubo flessibile diametro 100 mm



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Camera e contenitore acciaio INOX AISI 304

GX



FKL Supporto sollevamento per muletto



**GFR** Golfari