

## ATEX AND ACD VACUUM CLEANERS

# ECOBULL XM M DEX 1/3D

## ATEX COMPACT PORTABLE INDUSTRIAL VACUUM



POWER  
1,8 kW - 2,4 HP



APPLICATION  
Combustible dusts



CAPACITY  
20 Lt

## FEATURES

- Certified for intensive work in Atex 22 zones with combustible dusts
- High filtration efficiency with complete grounding of the unit
- Compact, sturdy, and easy to handle
- Category 1D certified internal protection for maximum safety

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.



### FILTER UNIT

Filtration is ensured by a Class M polyester cartridge filter (filtration efficiency 1 micron) with a high filtering surface area, which guarantees air passage even with a dirty filter.



### INTERNAL CERTIFICATION CAT 1D - ZONE 20

Thanks to its 1D - Zone 20 certified chamber, the vacuum cleaner guarantees maximum safety and compliance when vacuuming combustible or conductive dusts (Group IIIC), even when these are contained within the unit.



### COLLECTION UNIT

The material is collected inside an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

## TECHNICAL DATA

### MOTOR

Typologies	Atex 3D side channel blower
Power	1,8 kW - 2,4 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	180 mBar
Maximum air flow	240 m3/h
Noise level	72 dB(A)

### MACHINE

Atex marking	II 1/3D Ex h IIIC T160 Da/Dc
EX category	1/3D
Operating temperature	-20/+40 C°
Suction inlet	50 Ø mm
Collection system	AISI304 stainless steel container
Capacity	20 Lt
Dimensions	516 x 545 mm
Height	1050 mm
Weight	57 Kg
Safety valve	Pressure relief valve

### FILTRATION

Primary filter type	Cartridge
Filter surface	16000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Jet Clean
JetClean Guillotine	Included

## FEATURES

**THIRD PARTY ATEX CERTIFICATION****DRY TYPE VACUUM CLEANER**

Atex-certified vacuum cleaner with dry dust filtration, as per EN17348

**DEFLECTOR**

Internal deflector to protect the filter

**PRV**

Pressure relief valve installed

**GRD**

Grounding

**BX**

Stainless steel bin AISI 304

**JC**

Jet Clean

**ANT M**

Antistatic filter (M class EN 60335-2-69)

**WHEEL WITH BRAKE**

Non-marking wheel with integrated brake

**POWER SUPPLY CABLE****VACUUM GAUGE**

Vacuum gauge for indication of filter clogged or in need of replacement

## OPTIONS

## STRUCTURE AND OPTIONS

**60**  **Hz****60Hz**

Available in 60Hz version

**3 YEARS WARRANTY**

Purchasing the replacement filter along with the vacuum

## ACCESSORIES

**P13642****ANTISTATIC KIT PRO Ø 40MM**

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner

**P13641****ANTISTATIC STARTER KIT Ø 40MM**

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner

**P14652****DUSTVAC STARTER KIT – HIGH LEVEL CLEANING Ø 40MM**