

ATEX AND ACD VACUUM CLEANERS

# ECOBULL T DEX 1/2D INERT INDUSTRIAL VACUUM CLEANER FOR NEUTRALIZING CONDUCTIVE DUST IIIC



**POWER**  
3 kW - 4 HP



**APPLICATION**  
Combustible dusts

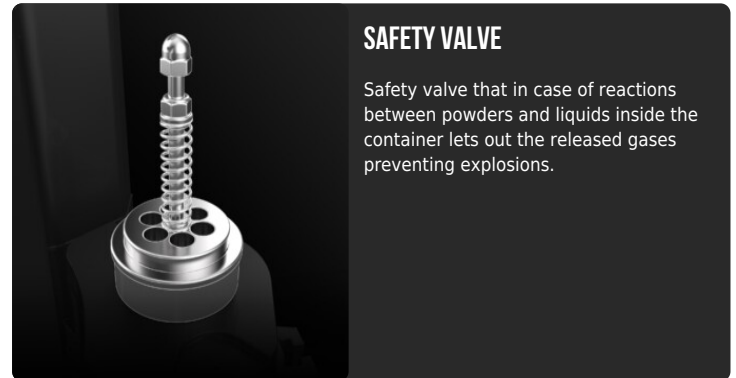
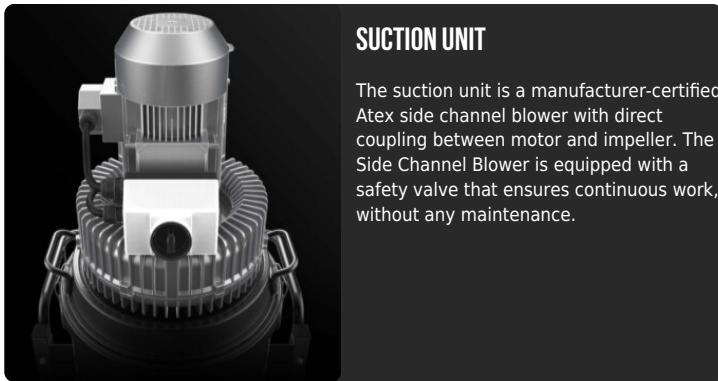


**COLLECTION SYSTEM**  
Liquid bath inerting system

## FEATURES

- Certified for intensive and continuous work in Atex 21 or 22 zones
- Category 1D certified internal protection for maximum safety
- Container with inerting liquid bath that prevents the formation of explosive atmospheres inside the extractor
- Ideal for safe extraction of Type IIIC conductive metal dusts

## HIGHLIGHTS



**TECHNICAL DATA**
**MOTOR**

Typologies	Atex 2D side channel blower
Power	3 kW - 4 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	230 mBar
Maximum air flow	340 m3/h
Insulation class	55   F IP
Noise level	72 dB(A)

**MACHINE**

Atex marking	II 1/2D Ex h IIIC T160 Da/Db
EX category	1/2D
Operating temperature	-20/+40 °C
Suction inlet	50 Ø mm
Collection system	Container with inerting liquid
Capacity	100 Lt
Liquid discharge system	Discharge valve
Dimensions	660 x 800 mm
Height	1630 mm
Weight	95 Kg
Solid separation	Basket grid
Liquid separation	150µm liquid filter
Safety valve	Hydrogen Vent

**FILTRATION**

Primary filter type	Cartridge
Filter surface	35000 cm2
EN 60335-2-69 filtration class	H13
Media	Antistatic polyester
Additional filter	Spark trap

FEATURES



**THIRD PARTY ATEX CERTIFICATION**



**WET TYPE VACUUM CLEANER**  
Atex-certified vacuum cleaner with liquid powder bath, as per EN17348



**HEPA 13**  
Absolute filter (EN 1822)



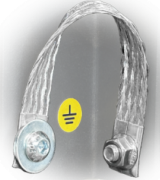
**POWER SUPPLY CABLE**



**VACUUM GAUGE**  
Vacuum gauge for indication of filter clogged or in need of replacement



**WHEEL WITH BRAKE**  
Non-marking wheel with integrated brake



**GRD**  
Grounding



**PRV**  
Pressure relief valve installed



**BX**  
Stainless steel bin AISI 304



**PUSH HANDLE**



**HYDROGEN VENT**  
Safety valve to let out any gases formed inside the aspirator

ACCESSORIES



**P13642**

**ANTISTATIC KIT PRO Ø 40MM**

Complete antistatic system for thorough cleaning of sensitive production environments. - 3 m of electrically conductive EVA tubing - 1x ...



**P13641**

**ANTISTATIC STARTER KIT Ø 40MM**

Safety kit for areas with electrostatic hazards, ideal for fine and conductive dust. - 3 m of electrically conductive EVA tubing - 1x 50 ...



**P12378**

**ANTISTATIC STARTER KIT Ø 50MM**

Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub ...



**P12377**

**ANTISTATIC KIT PRO Ø 50MM**

Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r ...