

## ATEX AND ACD VACUUM CLEANERS

# BL PRO DEX 1/3D – 1/2D

## ATEX-CERTIFIED BRUSHLESS INDUSTRIAL VACUUM



POWER  
1,1 kW - 1,5 HP



APPLICATION  
Combustible dusts

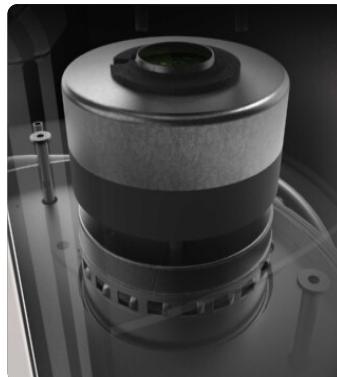


CAPACITY  
45 Lt

## FEATURES

- Certified for intensive and continuous work in Atex 21 or 22 zones
- Double level of progressive filtration in class M and H14, with complete grounding
- Category 1D certified internal protection for maximum safety
- Antistatic accessory kit included

## HIGHLIGHTS



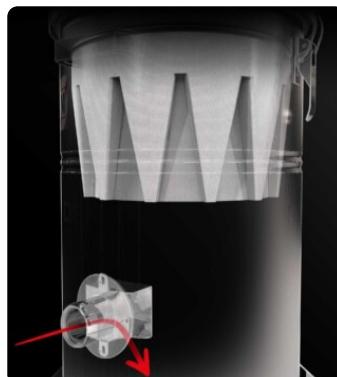
### SUCTION UNIT

The vacuum unit is a powerful Brushless motor, suitable for continuous work. Two filters are installed on the vacuum cleaner head: one to protect the motor and the other placed on the air outlet. The air that comes out is totally filtered



### 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.



### FILTER UNIT

The vacuumed material is diverted by a deflector to protect the main filter. Filtration is guaranteed by two progressive efficiency filters installed in series: a primary filter in class M polyester (filtration efficiency 1 micron) with a large filtering surface and a secondary absolute filter in class H14.



### 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	Brushless
Power	1,1 kW - 1,5 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	230 mBar
Maximum air flow	220 m3/h
Noise level	72 dB(A)

### MACHINE

Atex marking	II 1/2D Ex h IIIC T140 Da/Db   II 1/3D Ex h IIIC T140 Da/Dc
EX category	1/3D - 1/2D
Operating temperature	-20/+40 C°
Suction inlet	50 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	516 x 545 mm
Height	1000 mm
Weight	38 Kg
Accessory kit included	P13641

### FILTRATION

Primary filter type	Star
Filter surface	6000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Secondary Absolute Filter	H14 - Included
Outlet air filter	Included
Inlet air filter	Included
Outlet Absolute filter	Included

## FEATURES



THIRD PARTY ATEX CERTIFICATION



DRY TYPE VACUUM CLEANER

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



ACCESSORY KIT P13641

Basic kit of antistatic accessories - 40 mm



DEFLECTOR

Internal deflector to protect the filter



POWER SUPPLY CABLE



VACUUM GAUGE

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



STEEL CONSTRUCTION

Rugged industrial coated steel construction



GRD

Grounding



BX

Stainless steel bin AISI 304



ANT M

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



HEPA 14

Absolute filter (EN 1822-5)

## OPTIONS

## AVAILABLE FILTER MEDIA

**BAG**

Disposable anti-static filter bag

## 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

**P14901/EX****VERTIDEX – ATEX-CERTIFIED ACCESSORY KIT FOR CLEANING AT HEIGHT Ø 40MM****P12378****ANTISTATIC STARTER KIT Ø 50MM**

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner

**P12377****ANTISTATIC KIT PRO Ø 50MM**

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner