

# VACUUM SOLUTIONS FOR **ADDITIVE** MANUFACTURING





**NOT JUST  
ANY VACUUM**

# INDUSTRIAL VACUUMS FOR ADDITIVE MANUFACTURING INDUSTRY



**Polymer**  
Additive Manufacturing



**Metal**  
Additive Manufacturing

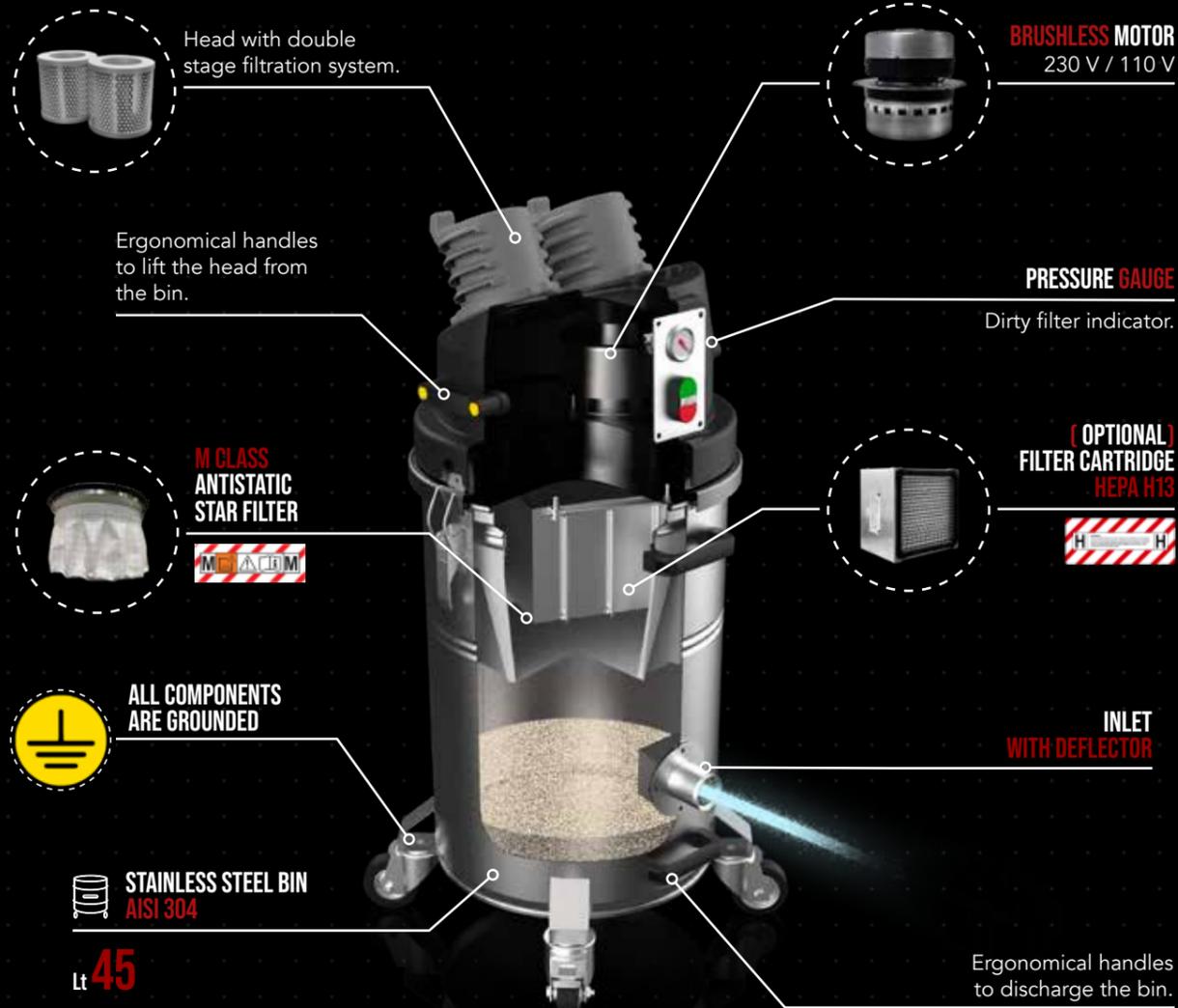


**Air**  
Airborne Dust

# Ex BL PRO

 <b>POWER</b> 1,1 kW	 <b>SURFACE AREA</b> 6.000 cm <sup>2</sup>	 <b>CAPACITY</b> 45 Lt
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BL PRO Z22 is a compact and powerful vacuum in the Depureco range. With a powerful brushless motor, it allows to work fast and to vacuum very fine powders. The main filter is in antistatic polyester, M Class Certified. It is possible to install, in addition, an HEPA 13 filter to vacuum even finer dusts.



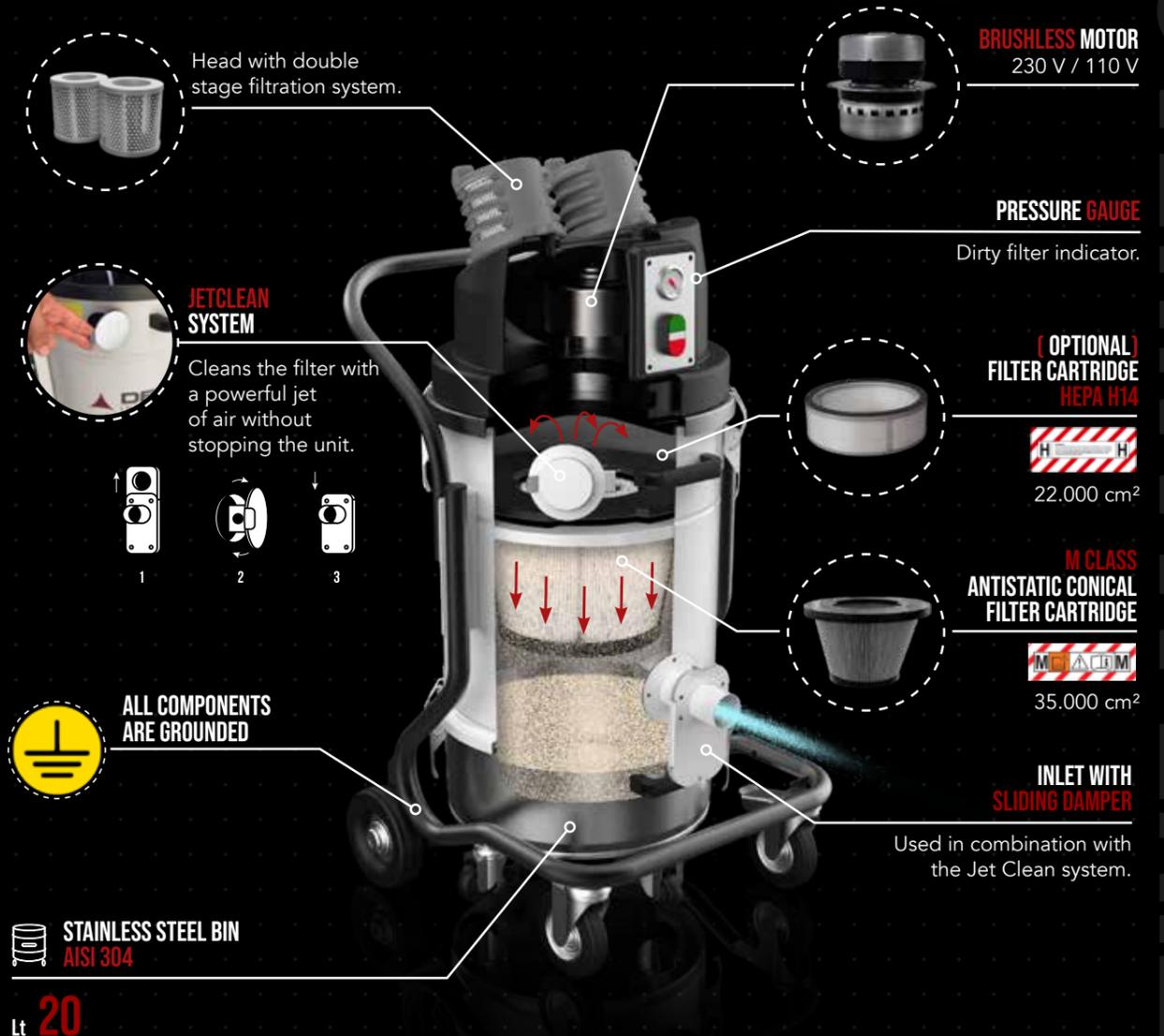
## TECHNICAL DATA

BL PRO	MOTORS   TYPE	POWER	VOLTAGE   FREQUENCY	MAXIMUM VACUUM	MAXIMUM AIR FLOW	INLET	DIMENSIONS	HEIGHT	WEIGHT
	KW - HP	V - Hz	mBar	m <sup>3</sup> /h	Ø mm	mm	mm	Kg	
	Brushless	1,1 - 1,5	110/230   50/60	230	220	50	516 X 545	1050	38

# Ex BL 20 JetClean®

 <b>POWER</b> 1,1 kW	 <b>SURFACE AREA</b> 35.000 cm <sup>2</sup>	 <b>CAPACITY</b> 20 Lt
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The BL 20 JC Z22 II3D is a compact vacuum suitable for working in ATEX Z22 classified zones. A very large antistatic M Class filter cartridge stops all dust collected. JetClean® system permits to keep the filter constantly clean. It is possible to install in addition a huge Hepa 14 filter. The unit is provided with a detachable bin on wheels with 20 Lt capacity.



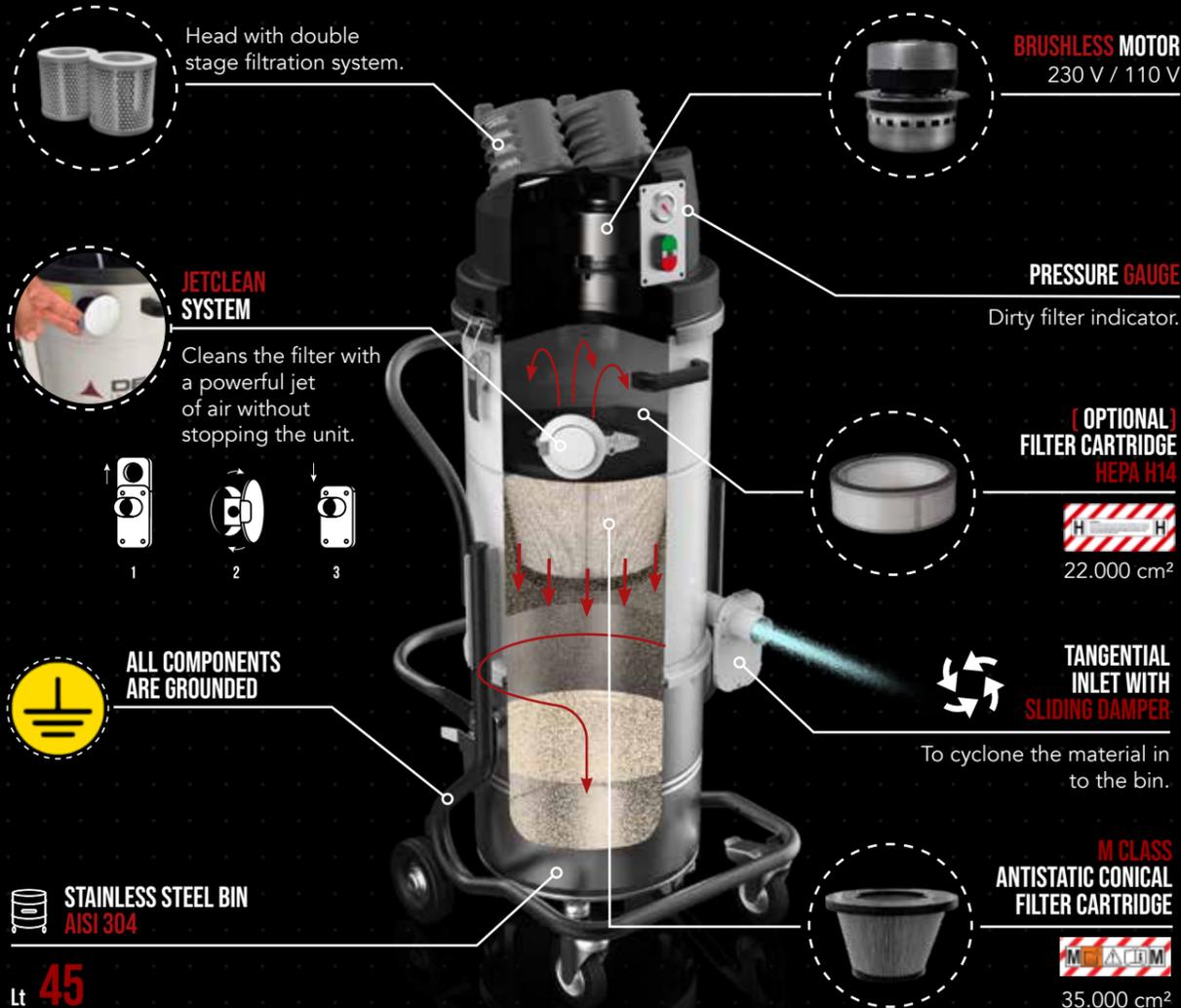
## TECHNICAL DATA

BL 20	MOTORS   TYPE	POWER	VOLTAGE   FREQUENCY	MAXIMUM VACUUM	MAXIMUM AIR FLOW	INLET	DIMENSIONS	HEIGHT	WEIGHT
	KW - HP	V - Hz	mBar	m <sup>3</sup> /h	Ø mm	mm	mm	Kg	
	Brushless	1,1 - 1,5	110/230   50/60	230	220	50	516 X 545	1050	38

# Ex BL 45 JetClean®

<b>POWER</b> 1,1 kW	<b>SURFACE AREA</b> 35.000 cm²	<b>CAPACITY</b> 45 Lt
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The BL 45 JC Z22 II3D is a compact vacuum with a 45 L capacity, suitable for vacuuming fine dusts in ATEX Z22 classified zones. A very large M Class filter cartridge stops all dust collected. It is possible to install in addition a huge Hepa 14 filter. The JetClean® system permits to keep the filter constantly clean. The unit is provided with a detachable bin on wheels with 45 Lt capacity.



## TECHNICAL DATA

BL 45 JC	MOTORS   TYPE	POWER	VOLTAGE   FREQUENCY	MAXIMUM VACUUM	MAXIMUM AIR FLOW	INLET	DIMENSIONS	HEIGHT	WEIGHT
		KW - HP	V - Hz	mBar	m³/h	Ø mm	mm	mm	Kg
	Brushless	1,1 - 1,5	110/230   50/60	230	220	50 - 70	550 X 620	1303	45

# Ex DF 22

<b>POWER</b> 2,2 kW	<b>SURFACE AREA</b> 24.000 cm²	<b>CAPACITY</b> 65 Lt
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The DF 22 is the perfect ATEX Z22 solution to collect dust flying in the air. A 2.2 kW ATEX certified fan, with high air flow, permits to work with an articulated suction arm or extraction hood. A very large antistatic M Class filter cartridge stops any dust collected. The unit is provided with a detachable bin on wheels with 65 Lt capacity.



## TECHNICAL DATA

DF 22	MOTORS   TYPE	POWER	VOLTAGE   FREQUENCY	MAXIMUM VACUUM	MAXIMUM AIR FLOW	INLET	DIMENSIONS	HEIGHT	WEIGHT
		KW - HP	V - Hz	mm/H <sub>2</sub> O	m³/h	Ø mm	mm	mm	Kg
	Fan	2,2 - 3	400   50/60	352   350   350	800   1000   1400	100   120   150	660 X 800	1630	120

652 compliance ATEX MARKING: II 3D Ex htc III B T 140 °C Dc

ATEX MARKING: II 3GD Ex htc III B T 140 °C Gc/Dc

# Ex ECOBULL ADDITIVE MANUFACTURING



**POWER**  
from 1,8 kW to 4 kW

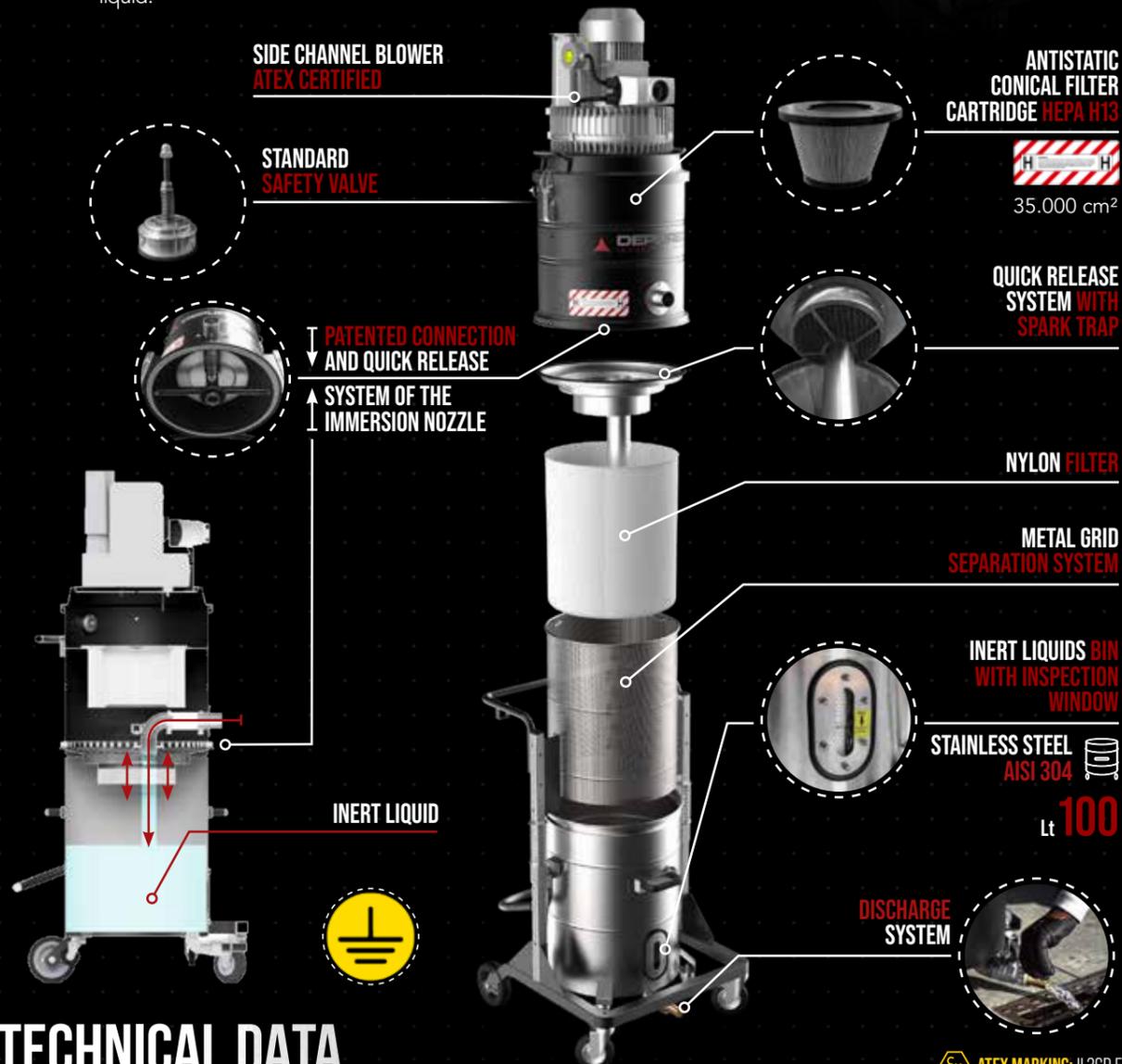


**SUBMERGED PROTECTION SYSTEM**



**CAPACITY**  
100 Lt

■ ECOBULL AM is an Industrial ATEX Z22 vacuum unit, IIC certified. That means it's able to collect metal dust. The explosion proof protection is achieved by submerging the inlet pipe in an inert liquid. It's the ideal solution for 3D printers that use metal powders. Thanks to an internal grid it's easy to separate the metal dust from the inert liquid.



## TECHNICAL DATA

	MOTORS   TYPE	POWER	VOLTAGE   FREQUENCY	MAXIMUM VACUUM	MAXIMUM AIR FLOW	INLET	DIMENSIONS	HEIGHT	WEIGHT
		KW - HP	V - Hz	mBar	m <sup>3</sup> /h	Ø mm	mm	mm	Kg
<b>M</b>	Side Channel Blower	1,8 - 2,4	400   50/60	230	280	50	660 X 800	1630	95
<b>T</b>	Side Channel Blower	3 - 4	400   50/60	270	350	50	660 X 800	1630	120
<b>PLUS</b>	Side Channel Blower	4 - 5,5	400   50/60	310	450	50	660 X 800	1630	120

# Ex FOX TS



**POWER**  
2,6 kW

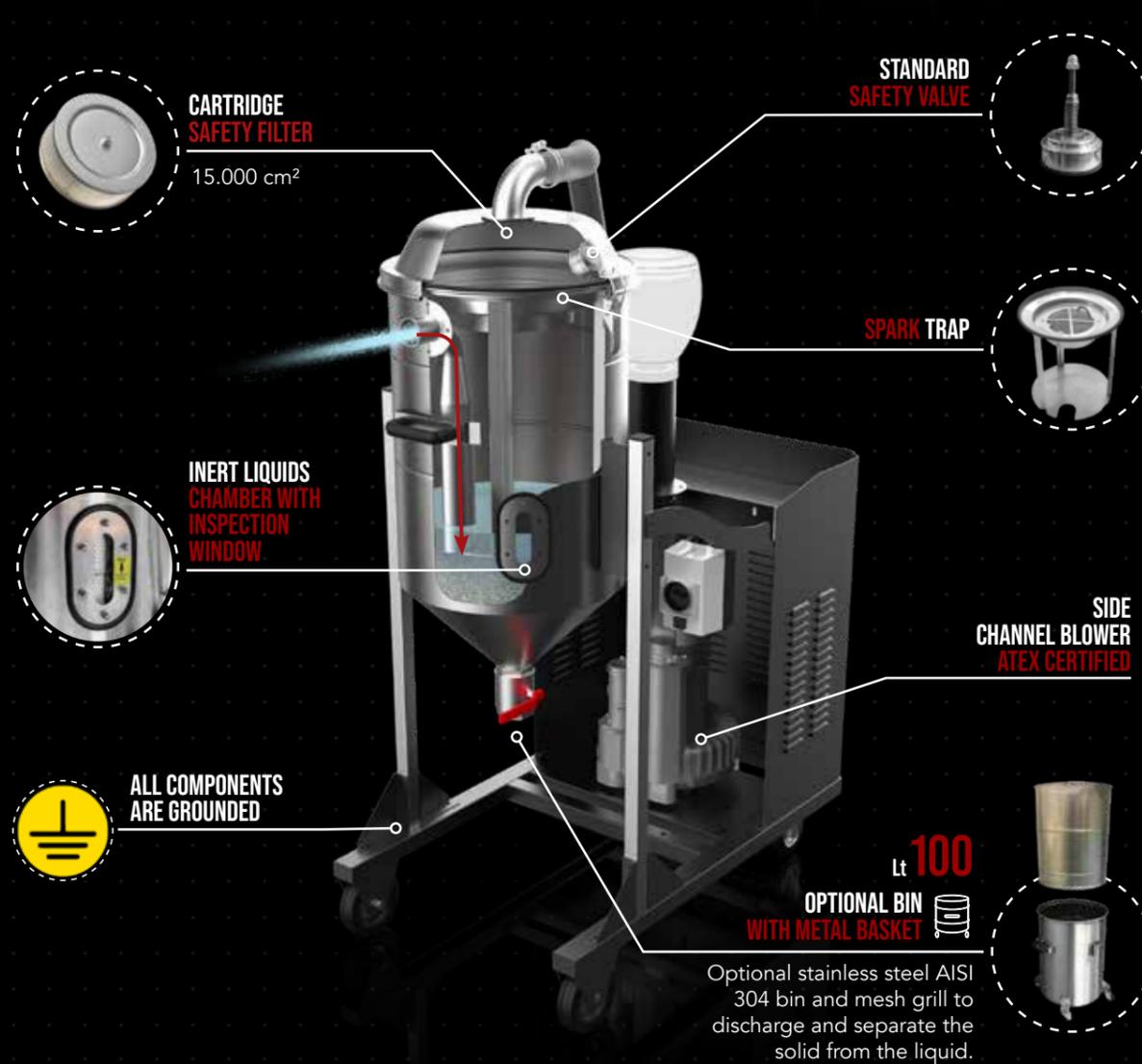


**SUBMERGED PROTECTION SYSTEM**



**HOPPER DISCHARGE SYSTEM**

■ FOX TS is an Industrial ATEX Z22 vacuum unit, IIC certified. That means it's able to collect metal dust. The explosion proof protection is achieved by submerging the inlet pipe in an inert liquid. It's the ideal solution for 3D printers that use metal powders. Thanks to manual valve it's possible to easily discharge di inert liquid and the metal dust directly into a barrel to recover the powder.



## TECHNICAL DATA

	MOTORS   TYPE	POWER	VOLTAGE   FREQUENCY	MAXIMUM VACUUM	MAXIMUM AIR FLOW	INLET	DIMENSIONS	HEIGHT	WEIGHT
		KW - HP	V - Hz	mBar	m <sup>3</sup> /h	Ø mm	mm	mm	Kg
<b>FOX TS 3</b>	Side Channel Blower	2,2 - 3	400   50/60	250	270	50	660 X 1200	1510	140
<b>FOX TS 5,5</b>	Side Channel Blower	4 - 5,5	400   50/60	310	450	50	660 X 1200	1510	157

**BECAUSE  
SOMETIMES  
YOU NEED A  
GAME CHANGER**

**DEPURECO INDUSTRIAL VACUUMS SRL**

VIA VENEZIA, 32 - 10088 VOLPIANO (TO) ITALIA

TEL. +39 011 98.59.117 FAX. +39 011 98.59.326

C.F. E P.I. 02258610357

DEPURECO@DEPURECO.COM WWW.DEPURECO.COM

