



HIGH PERFORMANCE **INDUSTRIAL VACUUMS**

WHY USE AN INDUSTRIAL VACUUM?



Industrial vacuuming is a key element in ensuring cleanliness and efficiency in working environments. Dust, solids, liquids, and waste are indeed a common problem in industry, especially in sectors such as woodworking, cement and ceramic production, metallurgy, and mechanical engineering. Managing these waste materials is critical to ensuring a safe and clean work environment, and to maintaining high standards of efficiency and productivity.



FAST AND EFFICIENT CLEANING
of the workspace and its surroundings



SAFETY
for the workers and the work environment



PRODUCTIVITY
reducing accidents and downtimes

SAFETY FOR WORKERS AND WORK ENVIRONMENT



Breathe safely with the right vacuum for fine or hazardous dust. Using an industrial vacuum cleaner protects workers and the environment from fine or hazardous dust exposure. Depureco vacuums come standard with M-class filters for everyday protection. For the toughest jobs and the highest level of safety, you can upgrade to H-class filters. H-class filters capture even finer particles, ensuring maximum protection.



STURDY METAL CONSTRUCTION

Increased durability and suitability for heavy-duty tasks.



HIGH PERFORMANCES

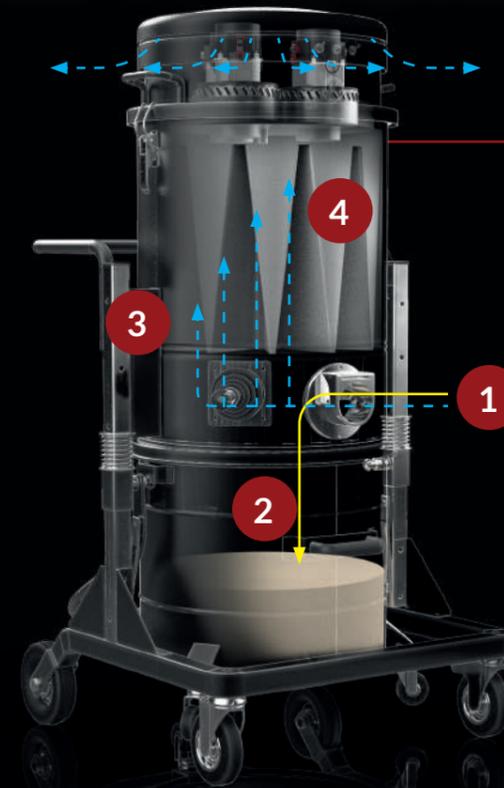
Extensive selection of suction units to fit every specific application.



HIGH CUSTOMIZATION

Wide manufacturing optionals to satisfy specific requirements.

HOW IT WORKS?



1. The dust get sucked into the inlet.
2. The dust particles fall downwards in to the collection system.
3. The air travels upward towards the vacuum filter and exits from the head.
4. The lighter particles get stuck on the filter surface protecting the motors.

● Dust ● Air

COMMON APPLICATIONS



Liquid spillage cleaning



Fine powder cleaning



Metal chips cleaning from a CNC machine



Height cleaning



Hot material cleaning



Floor cleaning

HOW TO CHOOSE?



SUCTION UNITS



SINGLE-PHASE MOTOR

Generate high vacuum performances, conceived for non-continuous use. Each motor is managed by an independent switch, allowing the operator to control suction performances.

- Powerful and highly reliable
- Long lasting life, up to 1300 hours



SIDE CHANNEL BLOWER

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.

- Continuous duty 24h and 7 days per week
- No need of maintenance



BATTERY

Our 24 Volt batteries are the ultimate solution for powering our battery-powered Industrial Vacuum Cleaners. With these batteries, enjoy powerful suction capabilities without the constraints of an available power source.

- Mobility without compromises
- No need of a close power outlet

FILTRATION OPTIONS

M
Polyester filter for dust category M.
Filtration efficiency down to 1µ.
Antistatic media available.

MTF
Polyester filter with Teflon coating, particularly suitable for very sticky materials.

NOMEX
High temperature resistant filter ideal for hot dust extraction.

PTFE
Teflon-blended polyester filter, particularly suitable for vacuuming up fine dust and sticky materials.
Antistatic media available.

HEPA 13
Absolute cartridge filter for very fine dust with high filtration efficiency.

HEPA 14
High-efficiency cartridge filter for fine dust, 99.995% at 0.18µ.

CLEANING THE FILTERS



MANUAL

The vacuum cleaner is equipped with a lever connected directly to the filter. The vertical movement of the lever compresses the filter, causing the material to detach from the surface of the filter and fall into the container.

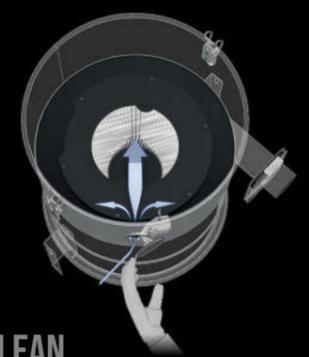
Available also with pneumatic shaker (PSC).



SP

Each filter cartridge is cleaned at adjustable intervals by a high-pressure (6 bar) air jet, which shakes the cartridge, dislodging large amounts of material from the filter, making it completely clean in a matter of seconds.

It requires compressed air to operate.



JET-CLEAN

The JetClean® System uses the pressure differential between the inside and outside of the vacuum cleaner to perform fast and effective cleaning, without having to switch off the vacuum cleaner.

Coupled with SD guillotine to interrupt suction.

COLLECTION SYSTEMS



DROP-DOWN BIN

Easy to detach and made by steel or stainless steel, the detachable bin allows easy management of the collected material.



ENDLESS BAG

The Endless Bag roll system offers a safe and efficient solution for collecting and disposing of fine and toxic dust. This continuous system prevents operator contact with hazardous materials.

OVERVIEW



				
	XM 20	XM 20 JETCLEAN	XM 35 JETCLEAN	MINIBULL
POWER SUPPLY	 230 V	 230 V	 230 V	 230 V
MOTORS	 Two motors	 Two motors	 Two motors	 Two motors
USE	Non-continuous use Dust	Non-continuous use Dust	Non-continuous use Dust + Liquids	Non-continuous use Dust + Liquids
FILTER CLEANING	Manual	JetClean semi automatic	JetClean semi automatic	Manual
COLLECTION	20 Lt Bin	20 Lt Bin	45 Lt Bin or Endless bag	45 Lt Bin
ATEX CERTIFICATE AVAILABILITY	-	-	-	-



				
	WD	WD PUMP	TB	TB UP
POWER SUPPLY	 230 V	 230 V	 230/400 V	 400 V
MOTORS	 Two or three motors	 Two motors	 Side channel blower	 Side channel blower
USE	Non-continuous use Liquids	Non-continuous use Liquids + simultaneous suction and discharge	Continuous use Dust + Liquids	Continuous use Dust + Liquids
FILTER CLEANING	-	-	Manual	Manual
COLLECTION	130 Lt Container	130 Lt Container	45 Lt Bin	45 Lt Bin
ATEX CERTIFICATE AVAILABILITY	-	-	✓	✓



				
	M 65/100	M 65/100 JETCLEAN TAN	BULL 24	FOX 24
POWER SUPPLY	 230 V	 230 V	 Battery 24 V	 Battery 24 V
MOTORS	 Three motors	 Three motors	 Three motors	 Three motors
USE	Non-continuous use Dust + Liquids			
FILTER CLEANING	Manual	JetClean semi automatic	Manual	Manual
COLLECTION	65/100 Lt Bin or Endless bag	65/100 Lt Bin or Endless bag	65/100 Lt Bin	65/100 Lt Bin
ATEX CERTIFICATE AVAILABILITY	-	-	-	-



				
	ECOBULL	TX	FOX	PUMA
POWER SUPPLY	 230/400 V	 400 V	 400 V	 400 V
MOTORS	 Side channel blower	 Side channel blower	 Side channel blower	 Side channel blower
USE	Continuous use Dust + Liquids	Continuous use Dust + Liquids	Continuous use Dust + Liquids	Continuous use Dust
FILTER CLEANING	Manual	Manual	Manual	Manual or "SE" Electric filter shaker
COLLECTION	65/100 Lt Bin or Endless bag	100 Lt Bin or Endless bag	100 Lt Bin or Endless bag	175 Lt Bin
ATEX CERTIFICATE AVAILABILITY	✓	✓	✓	✓

XM 20



2 By-Pass motors



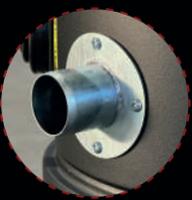
M-Class filter



Manual filter shaker



Kit HEPA filter (H14)



50 mm inlet with deflector



20 Lt bin capacity

Code: **A1400-001**

- Power: 2,6 kW
- Capacity: 20 Lt
- Filtering surface: 15000 cm²
- Dimensions: mm 516 X 545 X 994 h

XM 35 JETCLEAN



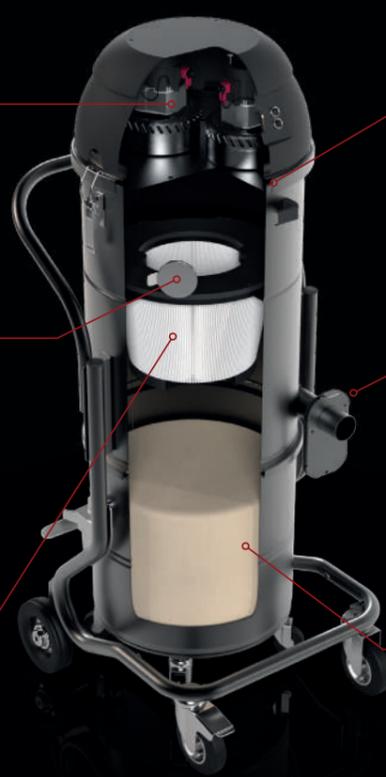
2 By-Pass motors



JetClean® filter Cleaning system



Conical M-Class filter cartridge



Kit HEPA filter (H14)



50 mm inlet with sliding damper



45 Lt bin capacity

Endless bag available

- Power: 2,6 kW
- Capacity: 45 Lt
- Filtering surface: 35000 cm²
- Dimensions: mm 585 X 545 X 1285 h

XM 20 JETCLEAN



2 By-Pass motors



JetClean® filter Cleaning system



Conical M-Class filter cartridge



Kit HEPA filter (H14)



50 mm inlet with sliding damper



20 Lt bin capacity

Code: **A1400**

- Power: 2,6 kW
- Capacity: 20 Lt
- Filtering surface: 35000 cm²
- Dimensions: mm 516 X 545 X 994 h

MINIBULL



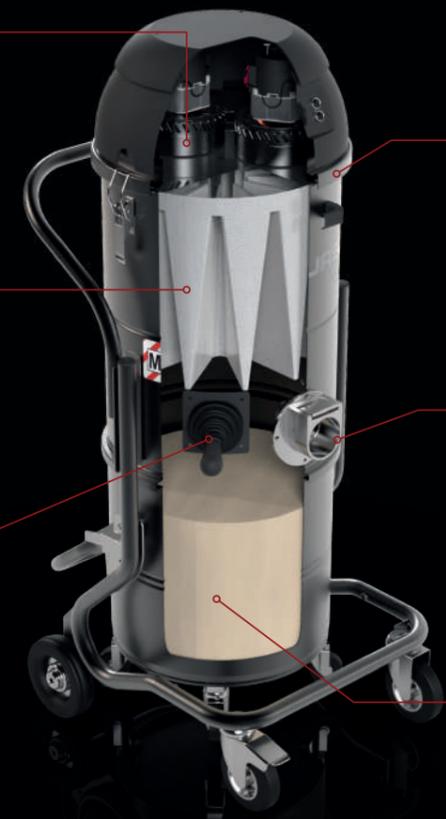
2 By-Pass motors



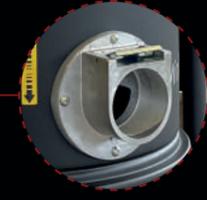
M-Class filter



Manual filter shaker



Kit HEPA filter (H14)



70 mm inlet with deflector



45 Lt bin capacity

Code: **A715**

- Power: 2,6 kW
- Capacity: 45 Lt
- Filtering surface: 15000 cm²
- Dimensions: mm 550 X 620 X 1240 h

M65/100



- Power: 3,9 kW
- Capacity: 65/100 Lt
- Filtering surface: 24000 cm²
- Dimensions: mm 660 X 800 X 1300/1515 h



Codes: A032/A039

BULL 24



- Power: 1,5 kW
- Capacity: 65/100 Lt
- Filtering surface: 24000 cm²
- Dimensions: mm 650 X 850 X 1400 h



Code: A368

M65/100 JetClean® TAN



- Power: 3,9 kW
- Capacity: 65/100 Lt
- Filtering surface: 35000 cm²
- Dimensions: mm 660 X 800 X 1300/1515 h



Codes: A1550/A1560

FOX 24



- Power: 1,5 kW
- Capacity: 65/100 Lt
- Filtering surface: 24000 cm²
- Dimensions: mm 650 X 1200 X 1400h



Code: A410

WD 132/133

Codes: A1571/A1572



- Power: from 2,6 to 3,9 kW
- Capacity: 130 Lt
- Dimensions: mm 580 X 530 X 1160 h

TB 18/22

Codes: A923/A940



- Power: 1,8/2,2 kW
- Capacity: 45 Lt
- Filtering surface: 15000 cm²
- Dimensions: mm 550 X 620 X 1353 h

WD 132 P

Code: A1570



- Power: 2,6 kW
- Capacity: 130 Lt
- Dimensions: mm 580 X 530 X 1160 h

TB UP 3/4

Codes: A878/A875



- Power: 3/4 kW
- Capacity: 45 Lt
- Filtering surface: 15000 cm²
- Dimensions: mm 550 X 900 X 1120 h

ECOBULL

Codes: A1004/A980/A1006

Side channel blower

M-Class filter

Manual filter shaker

Kit HEPA filter (H14)

70 mm inlet with deflector

65/100 Lt bin capacity

Endless bag available

- Power: from 1,8 to 4 kW
- Capacity: 65/100 Lt
- Filtering surface: 24000 cm²
- Dimensions: mm 660 X 800 X 1530 h

FOX

Code: A134/A159/A170/A197

M-Class filter

Side channel blower

100 Lt bin capacity

Manual filter shaker

Kit HEPA filter (H14)

80 mm tangential inlet with cyclone

Endless bag available

- Power: from 4 to 5,5 kW
- Capacity: 100 Lt
- Filtering surface: 24000 cm²
- Dimensions: mm 660 X 1200 X 1510 h

TX

Codes: A1500/A1486/A1487/A1488/A1489/A1490

M-Class filter

Side channel blower

Manual filter shaker

Kit HEPA filter (H14)

70 mm inlet with deflector

100 Lt bin capacity

Endless bag available

- Power: from 3 to 7,5 kW
- Capacity: 100 Lt
- Filtering surface: 38000 cm²
- Dimensions: mm 650 X 1100 X 1400 h

PUMA

Codes: A500/A540/A560/A580/A571/A557/A574

Kit HEPA filter (H14)

Side channel blower

Manual filter shaker

80 mm tangential inlet with cyclone

175 Lt bin capacity

M-Class filter

- Power: from 7,5 to 18,5 kW
- Capacity: 175 Lt
- Filtering surface: 45000 cm²
- Dimensions: mm 850 X 1550 X 1980 h

PUMA

Codes: A600/A610/A619/A624



- Power: from 22 to 25 kW
- Capacity: 175 Lt
- Filtering surface: 110000 cm²
- Dimensions: mm 1050 X 1950 X 2300 h

PRE-SEPARATORS

Unlock the full potential of your industrial vacuum with a pre-separator by its side. By adding a pre-separator to your setup, you're not only boosting capacity but also safeguarding your vacuum's filter, extending its lifespan. Together, they tackle even the toughest tasks, effortlessly handling a wider range of materials. With a separator your vacuum it's a solution tailored to solve any cleaning challenge with ease.

- CAPACITY
- DURABILITY



CENTRALIZED VACUUM SYSTEMS

- MULTIPLE SUCTION POINTS
- EFFICIENCY



Centralized vacuum systems revolutionize industrial cleaning operations with superior suction power, noise reduction, and ergonomic benefits. They streamline maintenance, ensure consistent performance, and promote better air quality, ultimately enhancing efficiency and productivity in the workplace.

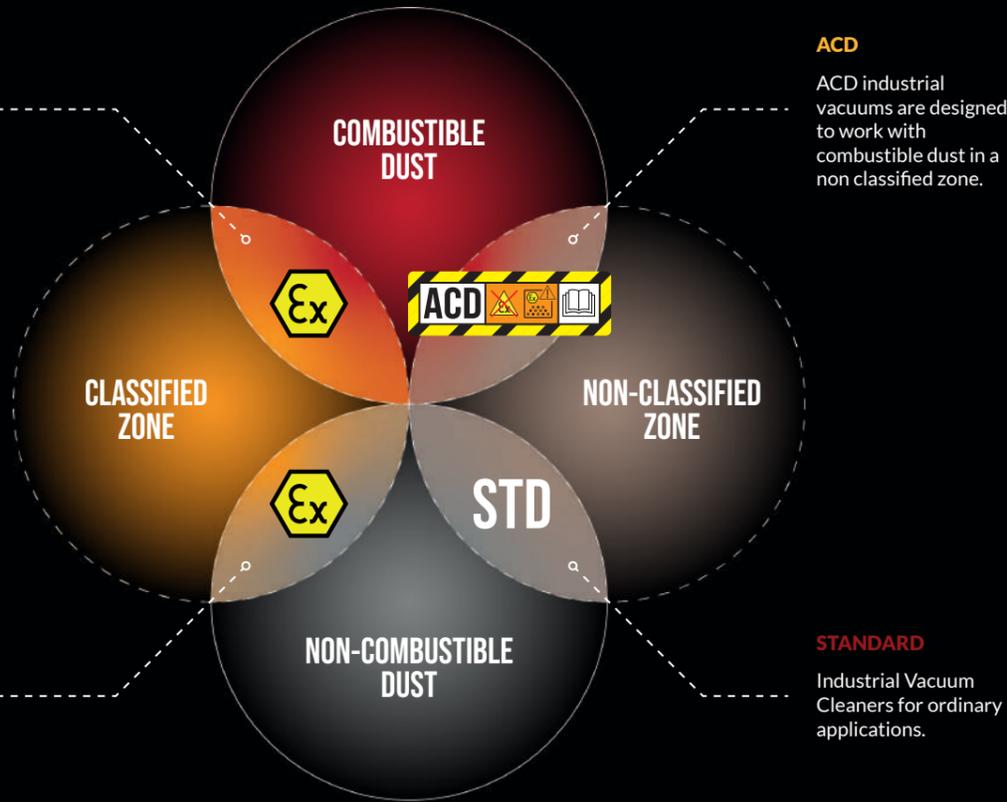


ACD AND ATEX CERTIFIED INDUSTRIAL VACUUMS

ATEX

Depureco manufacturers vacuums with **3D | 3GD - 1/2D | 1/3D** categories certifications, specifically designed for use in **RED hazardous zones.**

*	HIGH RISK	MED RISK	LOW RISK
DUST	ZONE 20	ZONE 21	ZONE 22
GAS	ZONE 0	ZONE 1	ZONE 2



MAIN UPGRADES

H14 FILTRATION



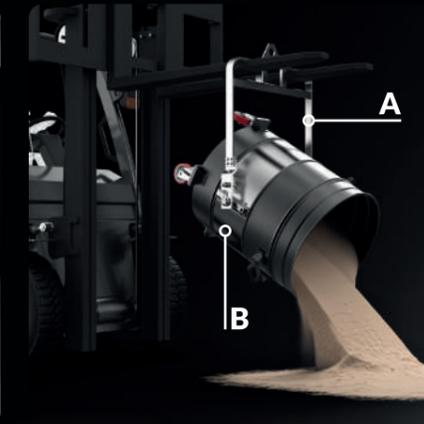
P12279
 22000 H14
 HEPA Filter

P11640
 22000 H14
 HEPA Filter

P09868
 28000 H14
 HEPA Filter

P11363
 110000 H14
 HEPA Filter

TILTABLE KIT FOR BIN



P01033
 100 Lt | Lift bracket
 "A"

P11287
 100 Lt | Ring for bin
 installation "B"

P01034
 175 Lt | Lift bracket
 "A"

P00273
 175 Lt | Ring for bin
 installation "B"

FLOOR CLEANING FIXED TOOL



P00327
 Fixed kit for floor
 cleaning Ø40

P11792
 Fixed kit for floor
 cleaning Ø70

ENGINEERED FOR SAFETY



ATEX CERTIFIED SIDE CHANNEL BLOWER



ALL COMPONENTS ARE GROUNDED



AISI 304 STAINLESS STEEL BIN



ANTISTATIC FILTER AND ACCESSORIES

BAGGING SYSTEM



P09252
 Bag holder for
 disposable bag

LOCALIZED SUCTION



P14025
 Quick release
 articulated arm Ø70

LIQUIDS SUCTION



P12005
 Floating device 45 Lt

P12004
 Floating device 65 Lt

ACCESSORIES

KITS



P13638
Starter kit Ø40



P13639
Wet & Dry kit Ø40



P11887
Wet & Dry kit Ø50



P12350
Starter kit Ø50



P13640
Dry kit Ø40



P12348
Dry kit Ø50



P14048/5
Dry kit Ø70



P14052
Height cleaning kit Ø40



P14050/5
Heavy duty starter kit Ø70



P14049/5
Heavy duty kit PRO Ø70



P14053
Height cleaning kit Ø50



P14051/5
Bulk kit Ø70

P11857
Oven cleaning kit Ø40

OPTIONS



BX - GX - TX

BX - stainless steel container.
GX - Stainless steel container and filter chamber.
TX - Stainless steel container, filter chamber and structure.



FKL

Prepared for forking and lifting by forklift truck.



GFR

Ringbolts placed on the structure of the vacuum cleaner to facilitate lifting.



AB

Accessory basket.



GRD

All conductive vacuum cleaner components are connected and earthed to discharge electrostatic charges.



PRV

Pressure relief valve that prevents overpressure and overheating, ensuring safety and durability of the suction unit.



TAN

Tangential inlet. The cyclone inside slows down the sucked material and makes it fall into the container due to the cyclonic effect.



KDP

Kit to keep the disposable bag in stretch.



RC

Schuko 24 VAC socket for power supply and remote control from power tools.



LR

Predisposition for remote control connection.



WRLS

Switching on and off via wireless remote control.



SPARK TRAP

Safety system that prevents sparks, even burning sparks, from reaching the inside of the vacuum cleaner.

OTHER PRODUCTS FROM DEPURECO



INDUSTRIAL VACUUMS FOR OIL & SWARF

Industrial vacuums engineered to ease and speed up CNC machineries maintenance.



COMPRESSED AIR INDUSTRIAL VACUUMS

Industrial vacuum cleaners that can be used with the aid of compressed air where electricity is not allowed or missing



DUST COLLECTORS

Industrial vacuum cleaners for the recovery of volatile or suspended dust.



INDUSTRIAL VACUUMS FOR FOOD, PHARMA & OEM

Industrial vacuum cleaners dedicated to on-board machine use and integration.



INDUSTRIAL VACUUMS FOR FLOOR PREPARATION

Industrial vacuum cleaners dedicated to cleaning fine and hazardous dust during surface treatment processes.



ATEX INDUSTRIAL VACUUMS

Industrial vacuum cleaners certified to work in ATEX hazardous areas.



INDUSTRIAL VACUUMS FOR WELDING FUMES

Dedicated to safe and localized extraction of welding fumes.



CENTRAL VACUUM SYSTEMS

Centralized vacuum systems for cleaning large workplaces with multiple suction points and integration into the production process.



INDUSTRIAL VACUUMS FOR COMBUSTIBLE DUST

Industrial vacuum solutions for safe collection or inertization of combustible dust

DATA SHEET

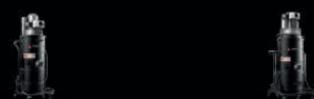


SINGLE-PHASE



	XM 20	XM 20 JC	XM 35 JC	MINIBULL	M65/100	M65/100 JC TAN	BULL 24	FOX 24	WD 132	WD 132 P	WD 133	
Code	A1400-001	A1400	A1420	A715	A032/A039	A1550/A1560	A368	A410	A1571	A1570	A1572	
Code with Endless bag	-	-	A1421	-	A1565	A1551	-	-	-	-	-	
Power	kW-HP	2,6 - 3,5	2,6 - 3,5	2,6 - 3,5	2,6 - 3,5	3,9 - 5,2	1,5 - 2	1,5 - 2	2,6 - 3,5	2,6 - 3,5	3,9 - 5,2	
Voltage / Frequency	V Hz	230 50/60	230 50/60	230 50/60	230 50/60	230 50/60	24	24	230 50/60	230 50/60	230 50/60	
IP		-	-	-	-	-	-	-	-	-	-	
Maximum vacuum	mBar	250	250	250	250	250	240	240	250	250	250	
Maximum air flow	m³/h	380	380	380	380	570	350	350	380	380	570	
Inlet	Ømm	50	50	50	50	70/central	80/tangential	80/tangential	70	70	70	
Noise level	dB(A)	72	72	72	72	72	64	64	72	72	72	
Bin capacity	Lt	20	20	45	45	65/100	65/100	65/100	130	130	130	
Dimensions	mm	516 X 545	516 X 545	585 X 545	550 X 620	660 X 800	660 X 800	650 X 850	660 X 1200	580 X 530	580 X 530	
Height	mm	994	994	1285	1240	1300/1515	1300/1515	1400	1400	1160	1160	
Weight	Kg	38	38	45	45	80	80	75	100	47	40	
Primary filter												
Surface	cm²	15000	35000	35000	15000	24000	35000	24000	24000	-	-	-
Class EN 60335-2-69	IFA BG AM-PES	M Class	M Class	M Class	M Class	M Class	M Class	M Class	M Class	-	-	-
Media		Polyester	PTFE Coated polyester	PTFE Coated polyester	Polyester	Polyester	PTFE Coated polyester	Polyester	Polyester	PPL nylon polypropylene	PPL nylon polypropylene	PPL nylon polypropylene
Filter cleaning		Manual	JetClean	JetClean	Manual	Manual	JetClean	Manual	Manual	-	-	-

THREE-PHASE



	TB 18 M	TB 22	ECOBULL M	ECOBULL T	ECOBULL PLUS	
Code	A923	A940	A1004	A980	A1006	
Power	kW-HP	1,8 - 2,4	2,2 - 3	1,8 - 2,4	3 - 4	4 - 5,5
Voltage / Frequency	V Hz	230 50/60	230 50/60	230 50/60	230 50/60	230 50/60
IP		55 F	55 F	55 F	55 F	55 F
Vacuum in continuous	mBar	230	220	230	230	270
Maximum air flow	m³/h	240	280	240	340	340
Inlet	Ømm	70	70	70	70	70
Noise level	dB(A)	74	74	74	72	72
Bin capacity	Lt	45	45	65/100	65/100	65/100
Dimensions	mm	550 X 620	550 X 620	660 X 800	660 X 800	660 X 800
Height	mm	1353	1353	1530	1530	1530
Weight	Kg	50	55	85	88	95
Primary filter						
Surface	cm²	15000	15000	24000	24000	24000
Class EN 60335-2-69	IFA BG AM-PES	M Class	M Class	M Class	M Class	M Class
Media		Polyester	Polyester	Polyester	Polyester	Polyester
Filter cleaning		Manual	Manual	Manual	Manual	Manual

DATA SHEET

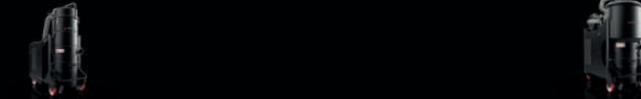


THREE-PHASE



	TB UP 3	TB UP 4	TX 300	TX 400 P	TX 400 S	TX 550 P	TX 550 S	TX 750	FOX 5,5 P	FOX 5,5 S	FOX 7,5 P	FOX 7,5 P	
Code	A878	A875	A1500	A1486	A1487	A1488	A1489	A1490	A134	A159	A170	A197	
Code with Endless bag	-	-	A1505	A1479	A1474	A1519	A1514	A1466	A138	A145	A186	A195	
Power	kW-HP	3 - 4	4 - 5,5	3 - 4	4 - 5,5	4 - 5,5	5,5 - 7,5	5,5 - 7,5	7,5 - 10	4 - 5,5	4 - 5,5	5,5 - 7,5	5,5 - 7,5
Voltage / Frequency	V Hz	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	
IP		55 F											
Vacuum in continuous	mBar	230	270	230	160	360	260	440	260	160	360	240	440
Maximum air flow	m³/h	340	340	350	530	330	530	330	730	520	320	520	320
Inlet	Ømm	70	70	70	70	70	70	70	70	80	80	80	80
Noise level	dB(A)	72	72	74	76	76	76	76	79	76	76	76	76
Bin capacity	Lt	45	45	100	100	100	100	100	100	100	100	100	100
Dimensions	mm	550 X 900	550 X 900	650 X 1100	660 X 1200	660 X 1200	660 X 1200	660 X 1200					
Height	mm	1120	1120	1400	1400	1400	1400	1400	1400	1510	1510	1510	1510
Weight	Kg	80	80	130	140	140	155	155	190	155	155	175	175
Primary filter													
Surface	cm²	15000	15000	3800	3800	3800	3800	3800	3800	2400	2400	2400	2400
Class EN 60335-2-69	IFA BG AM-PES	M Class	M Class										
Media		Polyester	Polyester										
Filter cleaning		Manual	Manual										

HEAVY-THREEPHASE



	PUMA 10	PUMA 15 P	PUMA 15 S	PUMA 18 P	PUMA 18 S	PUMA 20	PUMA 25	PUMA 30 P	PUMA 30 S	PUMA 35 P	PUMA 35 S	
Code	A500	A540	A560	A580	A571	A557	A574	A600	A610	A619	A624	
Power	kW-HP	7,5 - 10	11 - 15	11 - 15	12,5 - 18	12,5 - 18	15 - 20	18,5 - 25	22 - 30	20 - 28	25 - 34	25 - 34
Voltage / Frequency	V Hz	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60	400 50/60
IP		55 F										
Vacuum in continuous	mBar	260	300	440	290	530	350	320	275	460	220	445
Maximum air flow	m³/h	730	950	550	1120	720	950	1380	1770	1100	2100	1130
Inlet	Ømm	100	100	100	100	100	100	100	130	130	130	130
Noise level	dB(A)	74	74	74	74	74	74	74	78	78	78	78
Bin capacity	Lt	175	175	175	175	175	175	175	175	175	175	175
Dimensions	mm	850 X 1550	1050 X 1950	1050 X 1950	1050 X 1950	1050 X 1950						
Height	mm	1980	1980	1980	1980	1980	1980	1980	2300	2300	2300	2300
Weight	Kg	295	330	310	355	335	350	370	560	620	654	650
Primary filter												
Surface	cm²	45000	45000	45000	45000	45000	45000	45000	110000	110000	110000	110000
Class EN 60335-2-69	IFA BG AM-PES	M Class										
Media		Polyester										
Filter cleaning		Manual										



Via Venezia, 32 · 10088 Volpiano (TO)
Tel. +39 011 98.59.117

www.depureco.com
depureco@depureco.com

