



# 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

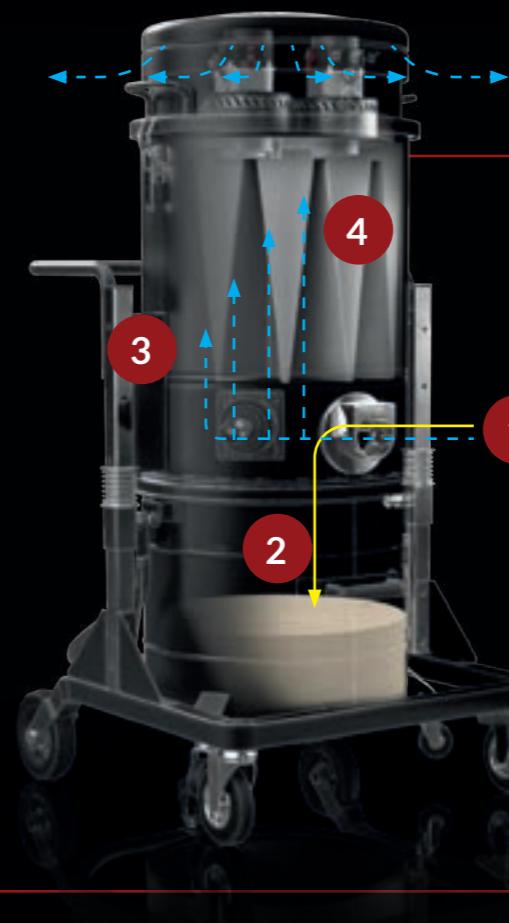
Extensive selection of suction units to fit every specific application.



### HIGH CUSTOMIZATION

Wide manufacturing options 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  $1\mu$ . 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

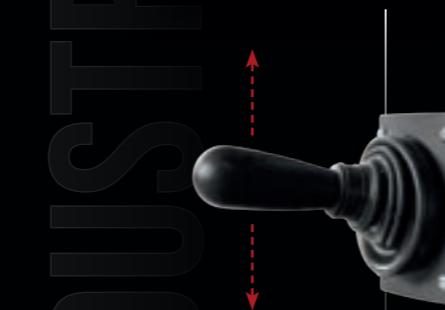
Absolute cartridge filter for very fine dust with high filtration efficiency.



### HEPA 14

High-efficiency cartridge filter for fine dust, 99.995% at  $0.18\mu$ .

## 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

Code: A1400-001



- Power: 2,6 kW
- Capacity: 20 Lt
- Filtering surface: 15000 cm<sup>2</sup>
- Dimensions: mm 516 X 545 X 994 h

# XM 20 JETCLEAN

Code: A1400



- Power: 2,6 kW
- Capacity: 20 Lt
- Filtering surface: 35000 cm<sup>2</sup>
- Dimensions: mm 516 X 545 X 994 h

# XM 35 JETCLEAN

Code: A1420



# MINIBULL

Code: A715



- Power: 2,6 kW
- Capacity: 45 Lt
- Filtering surface: 15000 cm<sup>2</sup>
- Dimensions: mm 550 X 620 X 1240 h

# M65/100



Power: 3,9 kW

Capacity: 65/100 Lt

Filtering surface: 24000 cm<sup>2</sup>

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 cm<sup>2</sup>

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 cm<sup>2</sup>

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 cm<sup>2</sup>

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 cm<sup>2</sup>

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 cm<sup>2</sup>

Dimensions: mm 550 X 900 X 1120 h

# ECOBULL

Codes: A1004/A980/A1006



- Power: from 1,8 to 4 kW
- Capacity: 65/100 Lt
- Filtering surface: 24000 cm<sup>2</sup>
- Dimensions: mm 660 X 800 X 1530 h



# FOX

Code: A134/A159/A170/A197



# TX

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



- Power: from 3 to 7,5 kW
- Capacity: 100 Lt
- Filtering surface: 38000 cm<sup>2</sup>
- Dimensions: mm 650 X 1100 X 1400 h



# PUMA

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



- Power: from 7,5 to 18,5 kW
- Capacity: 175 Lt
- Filtering surface: 45000 cm<sup>2</sup>
- Dimensions: mm 850 X 1550 X 1980 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



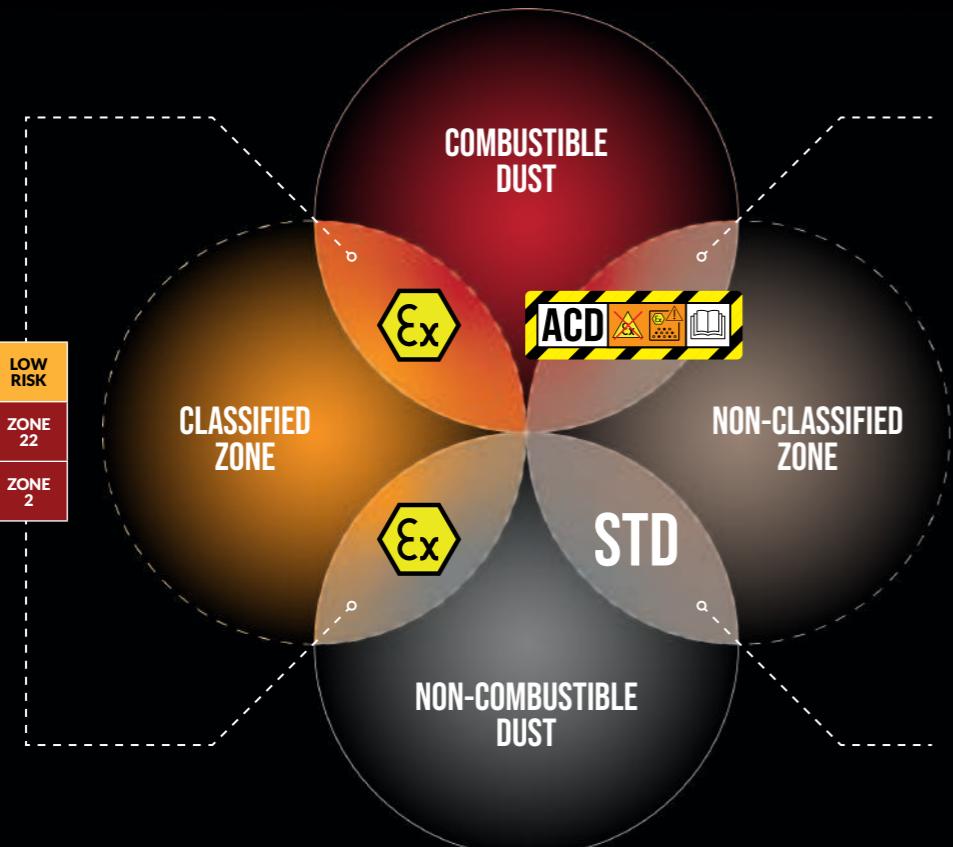
Centralized vacuum systems revolutionize industrial cleaning operations with superior suction power, noise reduction, and ergonomic benefits. They streamline maintenance, ensure consistent performance, and promote better air quality, ultimately enhancing efficiency and productivity in the workplace.



# 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



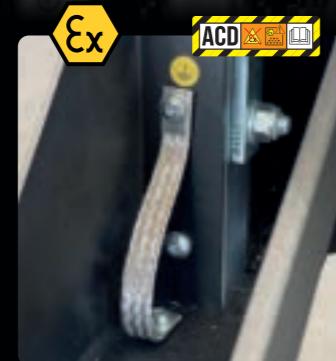
**ACD**  
ACD industrial vacuums are designed to work with combustible dust in a non classified zone.

**STANDARD**  
Industrial Vacuum Cleaners for ordinary applications.

## ENGINEERED FOR SAFETY



ATEX CERTIFIED SIDE CHANNEL BLOWER



ALL COMPONENTS ARE GROUNDED



AISI 304 STAINLESS STEEL BIN



ANTISTATIC FILTER AND ACCESSORIES

## MAIN UPGRADES

### H14 FILTRATION



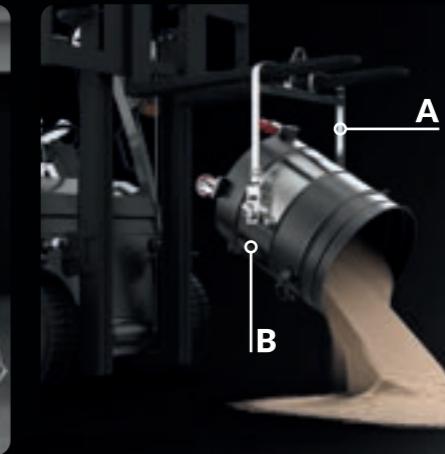
**P12279**  
22000 H14 HEPA Filter

**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

### 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



**P13640**  
Dry kit Ø40



**P11887**  
Wet & Dry kit Ø50



**P12348**  
Dry kit Ø50



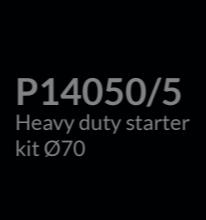
**P14048/5**  
Dry kit Ø70



**P14052**  
Height cleaning kit  
Ø40



**P14053**  
Height cleaning kit  
Ø50



**P14050/5**  
Heavy duty starter  
kit Ø70



**P14049/5**  
Heavy duty kit PRO  
Ø70



**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.



**KDP**  
Kit to keep the disposable bag in stretch.



**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.



**WRLS**  
Switching on and off via wireless remote control.



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



**LR**  
Predisposition for remote control connection.



**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.



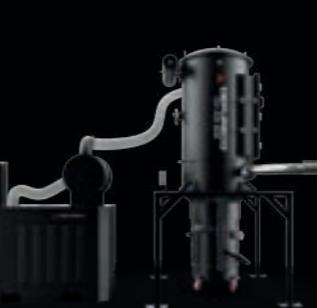
## ATEX INDUSTRIAL VACUUMS

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

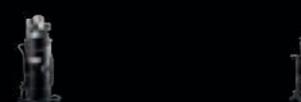
# DATA SHEET

## 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	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	230   50/60	24	24	230   50/60	230   50/60	230   50/60
IP		-	-	-	-	-	-	-	-	-	-	-
Maximum vacuum	mBar	250	250	250	250	250	250	240	240	250	250	250
Maximum air flow	m³/h	380	380	380	380	570	570	350	350	380	380	570
Inlet	Ømm	50	50	50	50	70/central	70/tangential	80/tangential	80/tangential	70	70	70
Noise level	dB(A)	72	72	72	72	72	72	64	64	72	72	72
Bin capacity	Lt	20	20	45	45	65/100	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	580 X 530
Height	mm	994	994	1285	1240	1300/1515	1300/1515	1400	1400	1160	1160	1160
Weight	Kg	38	38	45	45	80	80	75	100	38	47	40
Primary filter												
Surface	cm²	15000	35000	35000	15000	24000	35000	24000	24000	-	-	-
Class EN 60335-2-69	IFA BGIAM-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				
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 BGIAM-PES	M Class				
Media		Polyester	Polyester	Polyester	Polyester	Polyester
Filter cleaning		Manual	Manual	Manual	Manual	Manual

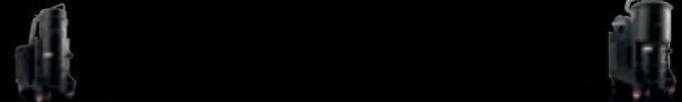
# DATA SHEET

## 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 S
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	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	530	330	730	520	320	520	320	730
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	76	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 BGIAM-PES	M Class											
Media		Polyester											
Filter cleaning		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											



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