

HIGH PERFORMANCE INDUSTRIAL VACUUMS

MHY 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 sorroundings



SMET

for the workers and the work environment



PRODUCTIVIT

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

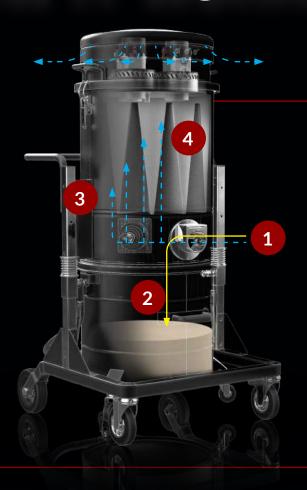
Extensive selection of suction units to fit every specific application.



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.
- The air travels upward towards the vacuum filter and exits from the head.
- The lighter particles get stuck on the filter surface protecting the motors.
- Dust
- Air

COMMON APPLICATIONS



Liquid spillage cleaning



Height cleaning



Fine powder cleaning



Hot material cleaning



Metal chips cleaning from a CNC machine



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



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 0.18u

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.

 $\label{eq:also with pneumatic shaker (PSC)} Available also with pneumatic shaker (PSC).$



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.



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	120 V	₩ 120 V	₩ 120 V	₩ 120 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	6 gal Bin	6 gal Bin	12 gal Bin or Endless bag	12 gal Bin	









	M 100		M 100 JETCLEAN TAN		BULL 24		FOX 24	
POWER SUPPLY	₩o	120 V	Ψo	120 V		Battery 24 V		Battery 24 V
MOTORS	93	Three motors	99	Three motors		Three motors		Three motors
USE		ontinuous use t + Liquids		ntinuous use t + Liquids		ontinuous use et + Liquids		entinuous use t + Liquids
FILTER CLEANING	CLEANING Manual			JetClean semi automatic		Manual		⁄lanual
COLLECTION		gal Bin or dless bag		gal Bin or dless bag	2	6 gal Bin	26 gal Bin	









	WD	WD PUMP	TB	TB UP	
POWER SUPPLY	₩ 120 V	₩ 120 V	₩ 480 V	₩ 0 480 V	
MOTORS	Two or three motors	Two motors	Side channel blower	Side channel blower	
USE	Non-continuous use Liquids	Non-continuous use Liquids + simoultaneous suction and discharge	Continuous use Dust + Liquids	Continuous use Dust + Liquids	
FILTER CLEANING		-	Manual	Manual	
COLLECTION	34 gal Container	34 gal Container	12 gal Bin	12 gal Bin	









	ECOBULL		TX		FOX		PUMA	
POWER SUPPLY	Ψo	480 V	Ťo	480 V	Ψo	480 V	Ťo	480 V
MOTORS	8	Side channel blower	8	Side channel blower	8	Side channel blower	8	Side channe blower
USE		nuous use + Liquids		inuous use t + Liquids		ntinuous use ıst + Liquids	Con	tinuous use Dust
FILTER CLEANING	M	anual	1	Manual		Manual		lanual or tric filter shaker
COLLECTION		gal Bin or less bag		gal Bin or dless bag		6 gal Bin or Indless bag	46 gal Bin	







12 gal bin capacity

Endless bag available

Conical M-Class

filter cartridge

Dimensions: mm 23 X 21.5 X 50.6 h



M100



Power: 3.3 HP

Capacity: 26 gal

Filtering surface: 3,800 in²

Dimensions: in 26 X 31.1 X 59.6 h



M100 JetClean TAN®

Codes: **A1560**



Power: 3.3 HP

Capacity: 26 gal

Filtering surface: 3,800 in²

Dimensions: in 26 X 31.1 X 59.6 h









TB 18/22



Power: 3/3.5 HP

Capacity: 12 gal

Filtering surface: 2,500 in²

Dimensions: in 21.6 X 24.4 X 53.3 h



TB UP 3



Power: 3.5 HP

Capacity: 12 gal

Filtering surface: 2,500 in²

Dimensions: in 21.6 X 35.4 X 44 h



ECOBULL T | PLUS

Codes: A995-001 | A1006/US



- Power: from 4.8 to 6.5 HP
- Capacity: 26 gal
- Filtering surface: 3,800 in²
- Dimensions: in 26 X 31.5 X 60.3 h



TX

Codes: A1500/US | A1486/US | A1487/US | A1488 | A1490/US



- Power: from 4.8 to 11.5 HP
- Capacity: 26 gal
- Filtering surface: 5,900 in²
- Dimensions: in 25.6 X 43.3 X 55.1 h



PUMA Codes: **A500/US | A540/US | A560/US | A571/US | A557 | A574** Manual filter shaker 80 mm tangential inlet with cyclone Side channel blower Power: from 11.5 to 28.6 HP Capacity: 46 gal Filtering surface: 7,000 in² Dimensions: in 33.5 X 61 X 78 h M-Class filter 46 gal bin capacity

PUMA

Codes: A600/A610/A619/A624



Power: from 30 to 39 HP

Capacity: 46 gal

Filtering surface: 17,100 in²

Dimensions: in 41.3 X 76.8 X 90.5 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.







CENTRALIZED VACUUM SYSTEMS

+ MULTIPLE SUCTION POINTS





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.



















DUST EXTRACTORS FOR FLOOR PREPARATION



Depureco offers a wide range of dust extractors designed for surface treatment applications. Equipped with a large filter surface and an H14 HEPA filter, they capture even the finest dust particles. The continuous automatic filter cleaning system ensures consistent suction performance, while dust is conveniently collected in an endless bag for safe and easy disposal.

- Maximum protection against fine and silica dust, thanks to 2 stages of filtration up to 0.18µ efficiency with HEPA 14 filter.
- Safe dust collection, thanks to the Longopac bagging system
- Easy to transport and connect to other working equipment such as floor grinders or scarifiers.



SCAN THE OR-CODE!

and discover the dedicated catalog for the floor preparation range from Depureco.



SUMP VACUUMS FOR OIL & CHIPS



Depureco offers a dedicated range of industrial vacuums for oil and chips extraction. With high suction capacity, they efficiently separate liquids from metal chips, ensuring continuous operation. Clean oil can be discharged easily, making the process faster, safer, and more efficient.

Vacuum cleaners for cleaning CNC tanks in the metalworking industry.

- Separation of oil from metal chips and reuse of filtered oil.
- Reduction of machine downtime and maintenance time.
- Tank capacities from 18 up to 264 gal.



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and discover the dedicated catalog for the oil & chips range from Depureco.



MAIN UPGRADES

H14 FILTRATION



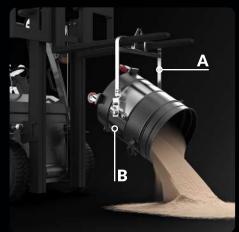
P12279 22000 H14 HEPA Filter

P11640 22000 H14 HEPA Filter

P09868 28000 H14 HEPA Filter

P11363 110000 H14 HEPA Filter

TILTABLE KIT FOR BIN



P01033 26 gal | Lift bracket "A"

P11287
26 gal | Ring for bin installation "B"

P01034 46 gal | Lift bracket "A"

P00273 46 gal | 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 12 gal P12004 Floating device 17 gal

ACCESSORIES

KITS



P13638 Starter kit Ø40

P12350 Starter kit Ø50



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



P14050/5 Heavy duty starter kit Ø70



P14049/5 Heavy duty kit PRO



P14051/5 Bulk kit Ø70



P11857Oven 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 onboard machine use and integration.



INDUSTRIAL VACUUMS FOR FLOOR PREPARATION

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



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.

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	HP	2.7	2.7	2.7	2.7	3.3	3.3	2	2	2.7	2.7	3.3
Voltage / Frequency	V Hz	120 60	120 60	120 60	120 60	120 60	120 60	24	24	120 60	120 60	120 60
IP		-	-	-	-	-	-	-	-	-	-	-
Maximum vacuum	inH2O	94	94	94	94	98	98	94	94	94	94	98
Maximum air flow	CFM	230	230	230	230	336	336	206	206	230	230	336
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	gal	6	6	12	12	26	26	26	26	34	34	34
Dimensions	in	20.31 X 21.46	20.31 X 21.46	23 X 21.5	21.7 X 24.4	26 X 31.1	26 X 31,.1	25.6 X 33.5	26 X 47.2	22.8 X 20.9	22.8 X 20.9	22.8 X 20.9
Height	in	39.13	39.13	50.6	48.8	59.6	59.6	55.1	55.1	45.7	45.7	45.7
Weight	lbs	84	84	99	99	176	176	165	220	84	104	88
Primary filter				,								
Surface	in²	2500	5500	5500	2500	3800	3800	3800	3800			
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	-	-	



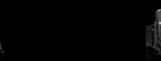


		TB 18 M	TB 22	ECOBULL T	ECOBULL PLUS
Code			A940/US	A995-001	A1006/US
Power	HP	3	3.5	4.8	6.5
Voltage / Frequency	V Hz	480 60	480 60	480 60	480 60
IP		55 F	55 F	55 F	55 F
Vacuum in continuous	inH2O	85	85	108	115
Maximum air flow	CFM	160	160	247	247
Inlet	Ømm	70	70	70	70
Noise level	dB(A)	74	74	72	72
Bin capacity	gal	12	12	26	26
Dimensions	in	21,6 X 24.4	21,6 X 24.4	26 X 31.5	26 X 31.5
Height	in	53.3	53.3	60.2	60.2
Weight	lbs	110	121	194	209
Primary filter					
Surface	in²	3500	3500	4400	4400
Class EN 60335-2-69	IFA BGIAM-PES	M Class	M Class	M Class	M Class
Media		Polyester	Polyester	Polyester	Polyester
Filter		Manual	Manual	Manual	Manual

DATA SHEET







5		TB UP 3	TX 300	TX 400 P	TX 400 S	TX 550 P	TX 750	
	Code				A1486/US		A1488	A1490/US
	Code with Endless bag		-	A1505	A1479	A1474	A1519	A1466
	Power	НР	3.5	4.8	6.5	6.5	5.5 - 7.5	7.5 - 10
	Voltage / Frequency	V Hz	480 60	480 60	480 60	480 60	480 60	480 60
IP	IP		55 F					
	Vacuum in continuous	inH2O	108	108	160	360	260	260
	Maximum air flow	CFM	247	247	530	330	530	730
	Inlet	Ømm	70	70	70	70	70	70
	Noise level	dB(A)	72	74	76	76	76	79
	Bin capacity	gal	12	26	26	26	26	26
	Dimensions	in	21.6 X 35.4	25.6 X 43.3				
	Height	in	44	55.1	55.1	55.1	55.1	55.1
	Weight	lbs	176	287	309	309	389	419
	Primary filter							
	Surface	in²	2500	5900	5900	5900	5900	5900
	Class EN 60335-2-69	IFA BGIAM- PES	M Class					
	Media		Polyester	Polyester	Polyester	Polyester	Polyester	Polyester
	Filter cleaning		Manual	Manual	Manual	Manual	Manual	Manual

Heavy-Threephase





		PUMA 10	PUMA 15 P	PUMA 15 S	PUMA 18 S	PUMA 20	PUMA 25	PUMA 30 P	PUMA 30 S	PUMA 35 P	PUMA 35 S			
Code		A500/US		A560/US		A557								
Power	НР	11.5	17.5	23.2	16.9	23.2	28.6	30	30	39	39			
Voltage / Frequency	V Hz	480 60	480 60	480 60	480 60	480 60	480 60	480 60	480 60	480 60	480 60			
IP		55 F	55 F	55 F	55 F									
Vacuum in continuous	inH2O	100	110	200	110	130	137	64	176	110	176			
Maximum air flow	CFM	490	660	364	520	660	940	1354	776	1430	776			
Inlet	Ømm	100	100	100	100	100	100	130	130	130	130			
Noise level	dB(A)	74	74	74	74	74	74	78	78	78	78			
Bin capacity	Lt	46	46	46	46	46	46	46	46	46	46			
Dimensions	in	33.5 X 61	41.3 X 76.8	41,3 X 76.8	41.3 X 76.8	41.3 X 76.8								
Height	in	78	78	78	78	78	78	90.5	90.5	90.5	90.5			
Weight	lbs	650	595	800	783	639	816	1235	1367	1442	1433			
Primary filter														
Surface	in²	18600	18600	18600	18600	18600	18600	27900	27900	27900	27900			
Class EN 60335-2-69	IFA BGIAM-PES	M Class	M Class	M Class	M Class									
Media		Polyester	Polyester	Polyester	Polyester									
Filter cleaning		Manual	Manual	Manual	Manual									

