



THREE PHASE

INDUSTRIAL VACUUMS





THREE-PHASE VACUUMS

AVAILABLE FILTERING SYSTEMS



SMART

These models are ideal for general cleaning and offer great compactness and sturdiness. Their versatility allows for usage in a wide range of applications for both dry and liquid materials, with absolute safety, without having to change configuration and always keeping the filter on.

SEMI-AUTOMATIC FILTER CLEANING SYSTEM

FILTER PROTECTION



PAG.4



BASIC

The range of industrial vacuum cleaners of BASIC line is built with the classics and conventional filtering systems known on the market, i.e. with the use of woven / non-woven polyester filters defined as pocket or star. This line of vacuum cleaners has the advantage of being suitable for multiple generic applications.

BASIC W BASIC B



MANUAL SHAKING FILTER CLEANING SYSTEM

PAG.20



PRO

The models of PRO LINE, designed for the suction of dust or solids, are built to meet the requirements of heavy-duty use and therefore offer extreme robustness and intrinsic efficiency for the specific use for which they are designed.

SEMI-AUTOMATIC FILTER CLEANING WITH PNEUMATIC PISTON



TANGENTIAL INLET

PAG.30



PULSE

PULSE line models are HEPA certified (IEC 60335-2-69:2016 - ANNEX AA) vacuums designed to meet the customer's request for a competitive vacuum cleaner ensuring good suction performance and the best possible filtration.

FILTER SYSTEM



DIFFERENTIAL PRESSURE CLEANING SYSTEM



SECONDARY HEPA FILTERS



LONGOPAC® COLLECTION

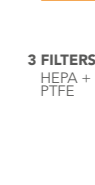
PAG.40



CLEAN

Thanks to this technology, models equipped with automatic cleaning system ensure constant suction performance, guaranteeing independent filter cleaning without any intervention by the operator and without ever interrupting suction.

PATENTED FILTER CLEANING SYSTEM WITH SEAL HERMETIC CLOSURE



3 FILTERS HEPA + PTFE



5 FILTERS HEPA + PTFE



8 FILTERS HEPA + PTFE



CLEAN SYSTEM

PAG.54



SMART T 35 D

	T 351 D	T 353 D
Type of waste to be vacuumed	Dust	Dust
Power and motorization	2,2 kW - 230V - Turbine	2,2 kW - 380V - Turbine
Type of filter	Cartridge	Cartridge
Collection system	Container 35l	Container 35l

FILTERING SYSTEMS SMART

These vacuum cleaners are the ideal models for all general cleaning tasks in your company. Their manoeuvrability, combined with their compactness, allows them to be easily moved around even in the tightest of places, facilitating the routine cleaning of your machinery. Thanks to their effectiveness, cleaning times are reduced, benefiting both time and costs.



THREE PHASE VACUUM CLEANERS WITH INTEGRATED FILTER CLEANING

Built-in semi-automatic filter cleaning by shaking

These models are equipped with a filter cleaning system, which can be activated by means of a switch on the control panel of the head. The function allows the filtering capacity to be restored in a few seconds without any effort on the part of the operator.

Filtering systems

The vacuum cleaner is equipped with a conductive cartridge filter, ensuring the discharge of electrostatic current, and can be configured as required with either a conductive M class filter or HEPA filtering media with a PTFE layer. Finding a smooth surface also allows the dust to slide off thanks to the vibrations created, which clean the filter perfectly and ensure constant suction performance.



Filter protection

Combined with the tangential inlet, it favours the cyclonic effect, increasing filtering efficiency and reducing premature clogging of the filter, acting as a screen for the suction of abrasive materials. The special finned slots in the upper part of the protection guarantee a balanced flow of suctioned air and therefore low speed in the lower part, so as to prevent the dust descending towards the container and that already deposited from being moved and sucked onto the filter.

The SMART T35D is Coynco's most compact turbine vacuum cleaner and at the same time the most powerful model in its class, thanks to the power and superior dimensions of the side channel turbine installed, suitable for continuous service. It is the ideal vacuum cleaner to handle all general cleaning tasks in your company. Its manoeuvrability, together with its compactness, allows it to be easily moved even in the most confined spaces, facilitating the ordinary cleaning of your machinery or industrial environments.

CARATTERISTICHE TECNICHE		SMART	
MODELLI	T 351 D	T 353 D	
MOTORIZATION	Turbine	Turbine	
POWER	2,2 kW	2,2 kW	
VOLTAGE	230 V	400 V	
FREQUENCY	50 Hz	50 Hz	
AMPERAGE	16 A	6,7 A	
AIR FLOW	320 m³/h	320 m³/h	
DEPRESSION	200 mBar	320 mBar	
MAX DEPRESSION	300 mBar	250 mBar	
Ø INLET	Tangential Ø 60 mm	Tangential Ø 60 mm	
BODY DIAMETER	370 mm	370 mm	
DIMENSIONS	60x50x127 cm	62x50x127 cm	
WEIGHT	72 Kg	72 Kg	
SISTEMA FILTRANTE		T 351 D	T 353 D
FILTER TYPE	Cartridge	Cartridge	
PRIMARY FILTER - SURFACE	9.000 cm²	9.000 cm²	
STANDARD FILTER MEDIA	M / H	M / H	
SECONDARY FILTER	NO	NO	
FILTER CLEANING	Semi-Automatic / Push Button	Semi-Automatic / Push Button	
SISTEMA DI RACCOLTA		T 351 D	T 353 D
CAPACITY	35l.	35l.	



2.2 kW single-phase or three-phase side channel turbine head with integrated semi-automatic filter cleaning system, activated by switch



Cartridge filters available with conductive M or HEPA filter media

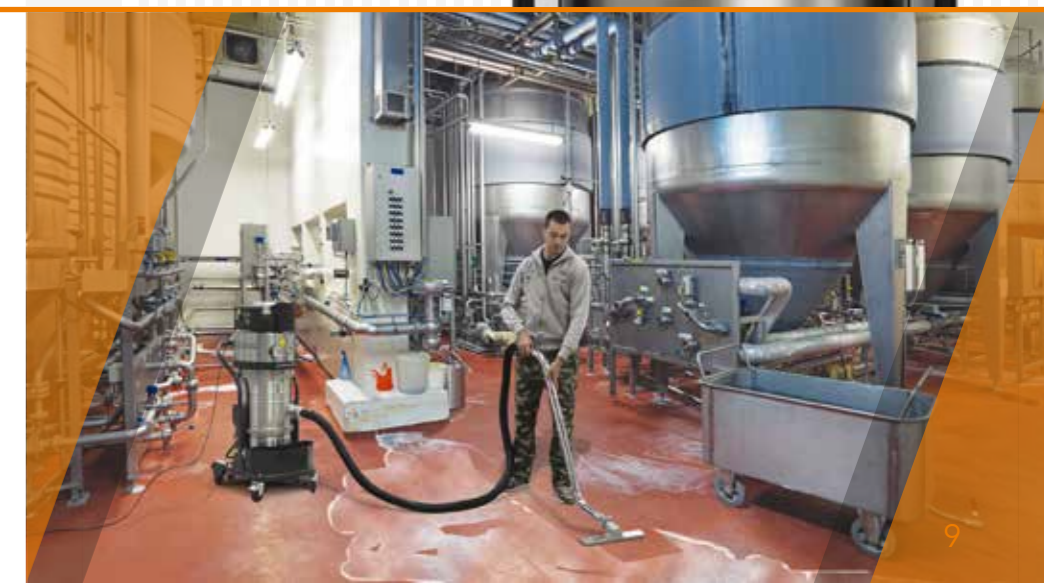
Filter protection to improve cyclonic effect against abrasive materials

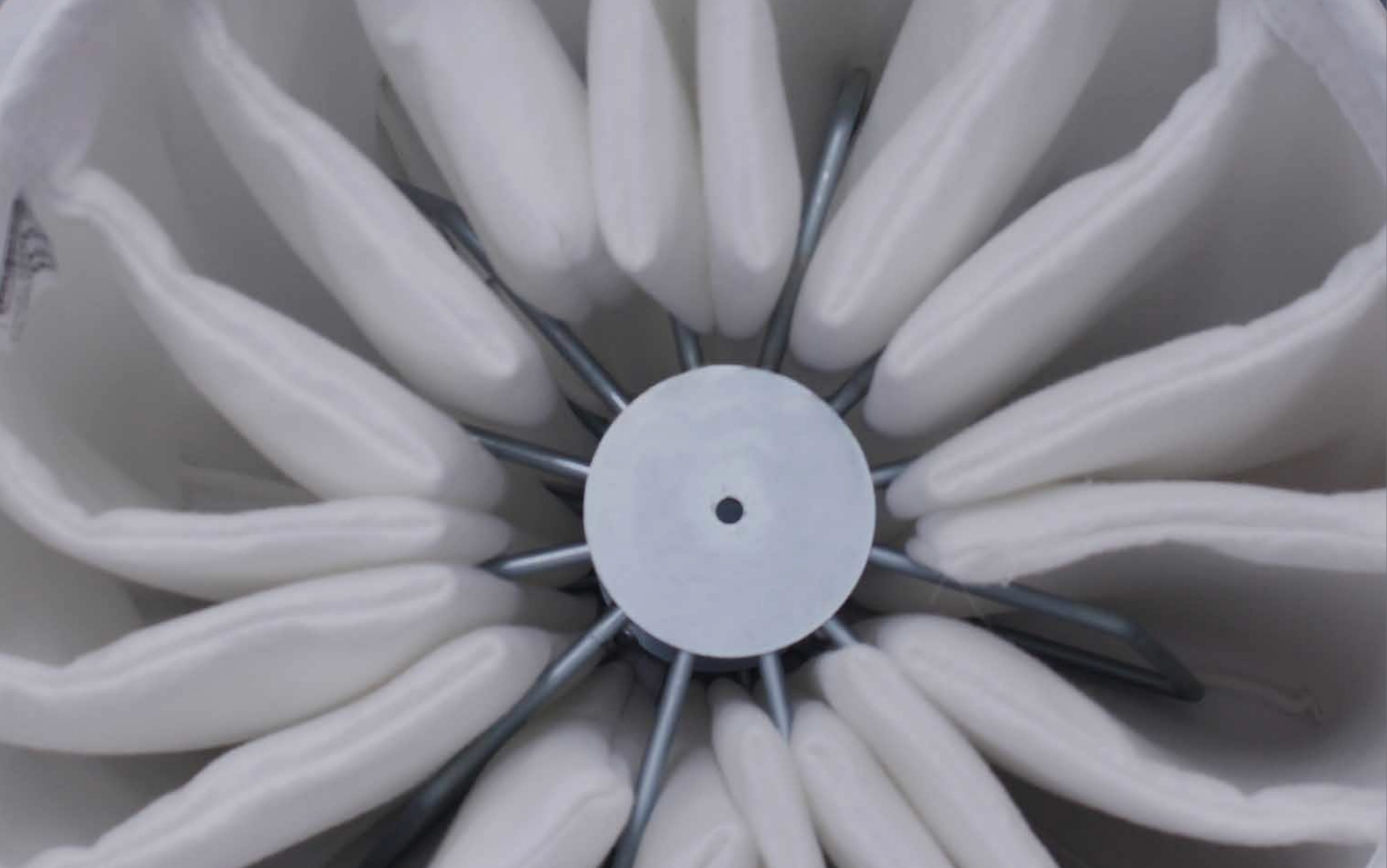


Version with 35 liter quick release collection drum

Available in **ATEX** version

Tangential inlet





BASIC BT 75

Type of the waste to be vacuumed	BT 751 Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Stellar polyester
Collection system	Container 75l
Inlet type	Tangential

Type of the waste to be vacuumed	BT 753 Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Stellar polyester
Collection system	Container 75l
Inlet type	Tangential



BASIC WT 75

Type of the waste to be vacuumed	WT 751 Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Stellar polyester
Collection system	Container 75l
Inlet type	Central

Type of the waste to be vacuumed	WT 753 Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Stellar polyester
Collection system	Container 75l
Inlet type	Central



TDC 22/30 B BASIC

Type of the waste to be vacuumed	TDC 22 B Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Tangential

Type of the waste to be vacuumed	TDC 30 B Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Tangential



TDC 22/30 W BASIC

Type of the waste to be vacuumed	TDC 22 W Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Central

Type of the waste to be vacuumed	TDC 30 W Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Central



HDC B 155 BASIC

Type of the waste to be vacuumed	B 155 P Dust and liquids
Power and motorization	5,5 kW - Turbine - Greater Airflow
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Tangential

Type of the waste to be vacuumed	B 155 S Dust and liquids
Power and motorization	5,5 kW - Turbine - Higher depression
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Tangential



HDC W 155 BASIC

Type of the waste to be vacuumed	W 155 P Dust and liquids
Power and motorization	5,5 kW - Turbine - Greater Airflow
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Central

Type of the waste to be vacuumed	W 155 S Dust and liquids
Power and motorization	5,5 kW - Turbine - Higher depression
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac
Inlet type	Central



HDC 111 BASIC

Type of the waste to be vacuumed	111 P Dust and liquids
Power and motorization	11 kW - 2x Turbines - Greater Airflow
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac

Type of the waste to be vacuumed	111 S Dust and liquids
Power and motorization	11 kW - 2x Turbines - Higher depression
Type of filter	Stellar polyester
Collection system	Container 100l or Longopac

BASIC

FILTERING SYSTEMS

BASIC



GENERAL, ALL PURPOSE AND MODULAR INDUSTRIAL VACUUM CLEANERS

The range of industrial vacuum cleaners of Basic line is built with the classics and conventional filtering systems known on the market, i.e. with the use of woven / non-woven polyester filters defined as pocket or star. This line of vacuum cleaners has the advantage of being suitable for multiple generic applications, but at the same time the disadvantage of being not very specific machines, especially in the case of vacuuming complex dusts such as fine dust.

BASIC W

In order to have a multipurpose vacuum cleaner, that is suitable for the suction of any kind of material, whether dry or liquid, the choice of the type of inlet prefers the central one. This is due to the deflector that directs the flow of liquid downwards, avoiding wetting the filter. As far as the suction of dust is concerned, it is less effective than the tangential inlet because the deflector slows down the flow of dust, which is more easily attracted by the filter.



Different size and fabric materials available



BASIC B

The best configuration for dust extraction is the installation of the tangential inlet, as the air velocity and the entry into the container drum is higher than with conventional central inlet favouring the cyclonic effect, therefore a greater separation of the dust from the filter.



Manual shaking filter cleaning
system



WT 75 and BT 75 models are the most popular turbine models as they enjoy excellent reliability thanks to the side channel turbine and are multipurpose for suction of any kind of debris but not really recommended for fine dust. Their simplicity and completeness makes them among the most popular models on the market.

TECHNICAL FEATURES

MODELS	BT 751	WT 751	BT 753	WT 753
MOTORIZATION	Turbine	Turbine	Turbine	Turbine
POWER	2,2 kW	2,2 kW	3 kW	3 kW
VOLTAGE	230 V	230 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz
AMPERAGE	16 A	16 A	6,7 A	6,7 A
AIR FLOW	320 m ³ /h	320 m ³ /h	320 m ³ /h	320 m ³ /h
DEPRESSION	200 mBar	200 mBar	250 mBar	250 mBar
MAX DEPRESSION	300 mBar	300 mBar	320 mBar	320 mBar
Ø INLET	Tangential Ø 60 mm	Central Ø 70 mm	Tangential Ø 60 mm	Central Ø 70 mm
BODY DIAMETER	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm
DIMENSIONS	80 x 63 x 165 cm	80 x 63 x 165 cm	80 x 63 x 165 cm	80 x 63 x 165 cm
WEIGHT	100 Kg	100 Kg	100 Kg	100 Kg
FILTERING SYSTEM	BT 751	WT 751	BT 753	WT 753
FILTER TYPE	Stellar polyester	Stellar polyester	Stellar polyester	Stellar polyester
PRIMARY FILTER - SURFACE	22.000 cm ² / 30.000 cm ²	22.000 cm ² / 30.000 cm ²	22.000 cm ² / 30.000 cm ²	22.000 cm ² / 30.000 cm ²
STANDARD FILTER MEDIA	L	L	L	L
SECONDARY FILTER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
FILTER CLEANING	Manual shaking	Manual shaking	Manual shaking	Manual shaking
COLLECTION SYSTEM	BT 751	WT 751	BT 753	WT 753
CAPACITY	75 Liters	75 Liters	75 Liters	75 Liters
DRAIN HOSE	NO	NO	NO	NO
EMPTYING LIQUIDS	Gravity - Optional	Gravity - Optional	Gravity - Optional	Gravity - Optional
LONGOPAC CONTAINER INTERCHANGEABILITY	NO	NO	NO	NO
OTHER DEVICES	BT 751	WT 751	BT 753	WT 753
FLOATING	OPTIONAL Mechanical	OPTIONAL Mechanical	OPTIONAL Mechanical	OPTIONAL Mechanical
CYCLONE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
TELESCOPIC HEIGHT	NO	NO	NO	NO

BT 75 BASIC



Models with tangential inlet

WT 75 BASIC



Models with central inlet



	20.000 cm ²	30.000 cm ²	18.000 cm ²
L			
M			
M+Antistatic			
NOMEX			
M+PTFE			

SECONDARY HEPA FILTER OPTIONAL

Available in **ATEX** version



Tangential inlet



Easy system for container release.

CONE

Compulsory for BT 75 in case of liquid suction.

For WT 75 models the cone is required in case of installation of the mechanical floater.



The models TDC 22M - 30 BASIC are among the most popular turbine models on the market of industrial vacuum cleaners as they have excellent reliability thanks to the side channel turbine and have the ability to be multipurpose for the suction of any kind of debris, whether dusty, solid or liquid.

TECHNICAL FEATURES **TDC BASIC**

MODELS	TDC 22B	TDC 22W	TDC 30B	TDC 30W
MOTORIZATION	Turbine	Turbine	Turbine	Turbine
POWER	2,2 kW	2,2 kW	3 kW	3 kW
VOLTAGE	230 V	230 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50/60 Hz	50/60 Hz
AMPERAGE	16 A	16 A	6,7 A	6,7 A
AIR FLOW	320 m ³ /h	320 m ³ /h	320 m ³ /h	320 m ³ /h
DEPRESSION	200 mBar	200 mBar	250 mBar	250 mBar
MAX DEPRESSION	300 mBar	300 mBar	320 mBar	320 mBar
Ø INLET	Tangential Ø 60 mm	Central Ø 70 mm	Tangential Ø 60 mm	Central Ø 70 mm
BODY DIAMETER	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm
DIMENSIONS	85 x 65 x 199 cm	85 x 65 x 199 cm	85 x 65 x 199 cm	85 x 65 x 199 cm
WEIGHT	92 Kg	92 Kg	92 Kg	92 Kg
FILTERING SYSTEM	TDC 22B	TDC 22W	TDC 30B	TDC 30W
FILTER TYPE	Stellar polyester	Stellar polyester	Stellar polyester	Stellar polyester
PRIMARY FILTER - SURFACE	22.000 cm ² / 30.000 cm ²	22.000 cm ² / 30.000 cm ²	22.000 cm ² / 30.000 cm ²	22.000 cm ² / 30.000 cm ²
STANDARD FILTER MEDIA	L	L	L	L
SECONDARY FILTER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
FILTER CLEANING	Manual shaking	Manual shaking	Manual shaking	Manual shaking
COLLECTION SYSTEM	TDC 22B	TDC 22W	TDC 30B	TDC 30W
CAPACITY	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®
DRAIN HOSE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
EMPTYING LIQUIDS	Gravity - Optional	Gravity - Optional	Gravity - Optional	Gravity - Optional
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES	YES	YES
OTHER DEVICES	TDC 22B	TDC 22W	TDC 30B	TDC 30W
FLOATING	OPTIONAL Mechanical	OPTIONAL Mechanical	OPTIONAL Mechanical	OPTIONAL Mechanical
CYCLONE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

TDC 22-30B



Models with tangential inlet

TDC 22-30W



Models with central inlet



	20.000 cm ²	30.000 cm ²	18.000 cm ²
L			
M			
M+Antistatic			
NOMEX			
M+PTFE			

OPTIONAL SECONDARY HEPA FILTER

Available in **ATEX** version



Tangential inlet



▲ **CONE**
Compulsory for TDC B in case of liquid suction. For TDC W models the cone is required in case of installation of the mechanical floater.

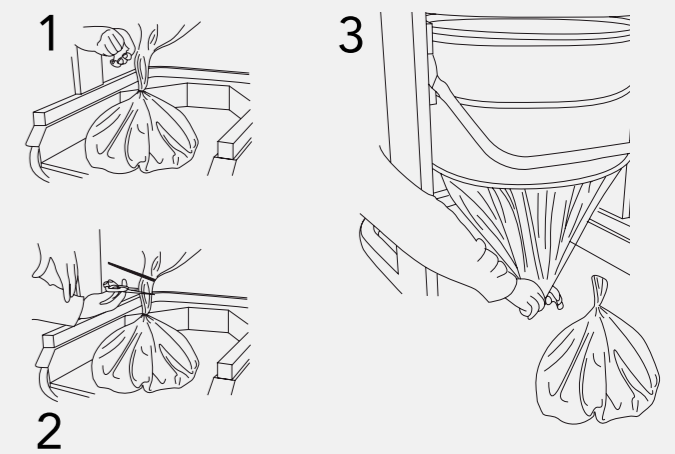
INTERCHANGEABLE COLLECTION SYSTEMS



▲ Easy system for container release.



▲ Longopac® continuous bag collection system.



The Basic models WT 155 and BT 155 are vacuum cleaners that are used in all areas of application for the general suction of dust, solids and liquids. Their motorisation with a 5.5 kW side channel turbine makes them reliable models even for continuous services and a safe investment to be entrusted with the daily cleaning services of every company.

TECHNICAL FEATURES **HDC BASIC**

MODELS	B 155 P	W 155 P	B 155 S	W 155 S
MOTORIZATION	Turbine	Turbine	Turbine	Turbine
POWER	5,5 kW	5,5 kW	5,5 kW	5,5 kW
VOLTAGE	400 V	400 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz
AMPERAGE	10,4 A	10,4 A	10,4 A	10,4 A
AIR FLOW	520 m³/h	520 m³/h	320 m³/h	320 m³/h
DEPRESSION	250 mBar	250 mBar	450 mBar	450 mBar
MAX DEPRESSION	320 mBar	320 mBar	530 mBar	530 mBar
Ø INLET	Tangential Ø 60 mm	Central Ø 70 mm	Tangential Ø 60 mm	Central Ø 60 mm
BODY DIAMETER	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm
DIMENSIONS	100 x 60 x 140 cm	100 x 60 x 140 cm	100 x 60 x 140 cm	100 x 60 x 140 cm
WEIGHT	150 Kg	150 Kg	150 Kg	150 Kg

FILTERING SYSTEM	B 155 P	W 155 P	B 155 S	W 155 S
FILTER TYPE	Stellar polyester	Stellar polyester	Stellar polyester	Stellar polyester
PRIMARY FILTER - SURFACE	20.000 cm² / 30.000 cm²	20.000 cm² / 30.000 cm²	20.000 cm² / 30.000 cm²	20.000 cm² / 30.000 cm²
STANDARD FILTER MEDIA	L	L	L	L
SECONDARY FILTER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
FILTER CLEANING	Manual shaking	Manual shaking	Manual shaking	Manual shaking

COLLECTION SYSTEM	B 155 P	W 155 P	B 155 S	W 155 S
CAPACITY	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®
DRAIN HOSE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
EMPTYING LIQUIDS	Gravity - Optional	Gravity - Optional	Gravity - Optional	Gravity - Optional
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES	YES	YES

OTHER DEVICES	B 155 P	W 155 P	B 155 S	W 155 S
FLOATING	OPTIONAL Mechanical	OPTIONAL Mechanical	OPTIONAL Mechanical	OPTIONAL Mechanical
CYCLONE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

HDC B 155



Models with tangential inlet

HDC W 155



Models with central inlet



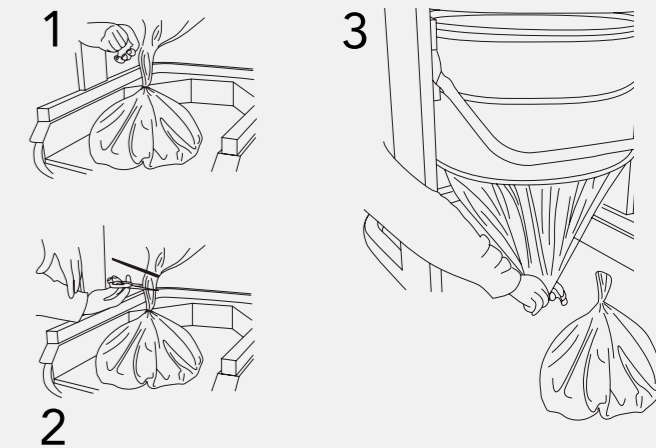
	20.000 cm²	30.000 cm²		18.000 cm²
L			SECONDARY HEPA FILTER OPTIONAL	
M				
M+Antistatic				
NOMEX				
M+PTFE				

INTERCHANGEABLE COLLECTION SYSTEMS



◀ Easy system for container release.

▶ Longopac® continuous bag collection system.



Available in ATEX® version.



◀ Tangential inlet

High power three-phase vacuum cleaner with manual shaking cleaning system. Can be used in heavy duty applications, or for centralised systems.

TECHNICAL FEATURES **HDC 111 BASIC**

MODELS	111 P	111 S
MOTORIZATION	2x Turbine	2x Turbine
POWER	11 kW	11 kW
VOLTAGE	400 V	400 V
FREQUENCY	50 Hz	50 Hz
AMPERAGE	21 A	21 A
AIR FLOW	1040 m³/h	640 m³/h
DEPRESSION	250 mBar	450 mBar
MAX DEPRESSION	320 mBar	530 mBar
Ø INLET	Tangential Ø 90 mm	Tangential Ø 90 mm
BODY DIAMETER	ø 560 mm	ø 560 mm
DIMENSIONS	150 x 78 x 174 cm	150 x 78 x 174 cm
WEIGHT		
FILTERING SYSTEM	111 P	111 S
FILTER TYPE	Stellar polyester	Stellar polyester
PRIMARY FILTER - SURFACE	50.000 cm²	50.000 cm²
STANDARD FILTER MEDIA	L	L
SECONDARY FILTER	OPTIONAL	OPTIONAL
FILTER CLEANING	Manual shaking / OPTIONAL AUTO	Manual shaking / OPTIONAL AUTO
COLLECTION SYSTEM	111 P	111 S
CAPACITY	160l / Longopac®	160l / Longopac®
DRAIN HOSE	OPTIONAL	OPTIONAL



Available in **ATEX** version



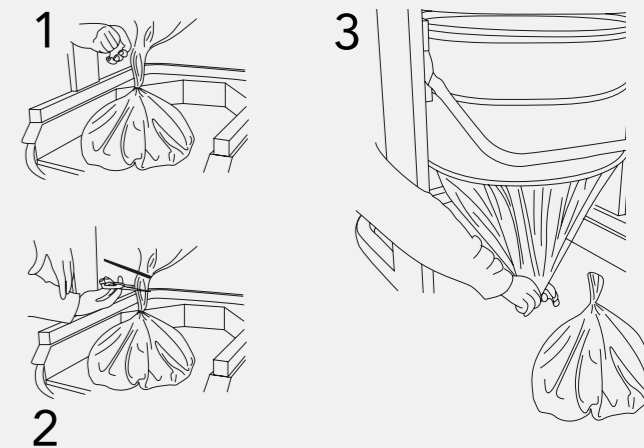
◀ Tangential inlet

INTERCHANGEABLE COLLECTION SYSTEMS



◀ Easy system for container release.

▶ Longopac® continuous bag collection system.





PRO



Type of the waste to be vacuumed	ST 22 Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Cartridge
Collection system	Container 50l

Type of the waste to be vacuumed	ST 3 Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Cartridge
Collection system	Container 50l

Type of the waste to be vacuumed	ST 22 MAXI Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Cartridge
Collection system	Container 50l

Type of the waste to be vacuumed	ST 3 MAXI Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Cartridge
Collection system	Container 50l



Type of the waste to be vacuumed	STD 220 Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Cartridge
Collection system	Container 75l

Type of the waste to be vacuumed	STD 300 Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Cartridge
Collection system	Container 75l



Type of the waste to be vacuumed	155 P Dust and liquids
Power and motorization	5,5 kW - Turbine Greater Airflow
Type of filter	Cartridge
Collection system	Container or Longopac

Type of the waste to be vacuumed	155 S Dust and liquids
Power and motorization	5,5 kW - Turbine Higher depression
Type of filter	Cartridge
Collection system	Container or Longopac



Type of the waste to be vacuumed	TDC 22M Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Cartridge
Collection system	Container 100l or Longopac

Type of the waste to be vacuumed	TDC 30 Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Cartridge
Collection system	Container 100l or Longopac



Type of the waste to be vacuumed	D1122 Dust and liquids
Power and motorization	2,2 kW - Turbine - 230V
Type of filter	Cartridge
Collection system	Container 75l

Type of the waste to be vacuumed	D1130 Dust and liquids
Power and motorization	3 kW - Turbine - 400V
Type of filter	Cartridge
Collection system	Container 75l

Type of the waste to be vacuumed	D1155 Dust and liquids
Power and motorization	5,5 kW - Turbine - 400V
Type of filter	Cartridge
Collection system	Container 75l



Reliability and robustness

The models of the PRO LINE, designed for the suction of dust or solids, are built to meet the requirements of heavy-duty use and therefore offer extreme robustness and intrinsic efficiency for the specific use for which they are designed. Being machines with special technical features, they are very specific, mainly for dust suction.

Tangential inlet

The tangential inlet allows the suctioned materials to enter at greater speed, promoting the cyclonic effect and thus increasing the separation of dust from the filter, reducing clogging.

Semi-automatic filter cleaning with pneumatic piston

The filters are cleaned using a patented system which, by reversing the air flow, activates a pneumatic piston, making filter cleaning effective and extremely rapid. The cleaning action can be controlled by the operator thanks to a lever positioned on the head of the vacuum cleaner.

Filtering system

The primary filters fitted as standard are polyester cartridge filters with class M filter media, with an aluminised layer whose property is to make the filter conductive, a necessary feature for the discharge of electrostatic current. The search for a smooth surface also allows dust to slide off thanks to the vibrations created by a pneu-mechanical piston, which cleans the filter perfectly, guaranteeing constant suction performance. Filtration can be increased with secondary HEPA filters.

Patented Cyclone for filter protection

The special finned slots in the upper part of the guard ensure a balanced flow of suctioned air and therefore low velocity in the lower part, so as to prevent the dust descending towards the container and that already deposited from being moved and sucked onto the filter.



Pneu-mechanical piston detail.

Motorised wet/dry vacuums with side channel turbine suitable for continuous use, even 24 hours a day. Multipurpose and multifunctional vacuum cleaners are able to vacuum dust and liquids without the need to remove the filter.

Designed to meet all the needs of industry and ideal partners for general or specific machine cleaning thanks to its flexibility.

TECHNICAL FEATURES

MODELS	ST 22	ST 3	ST 22 MAXI	ST 3 MAXI
MOTORIZATION	Turbine	Turbine	Turbine	Turbine
POWER	2,2 kW	3 kW	2,2 kW	3 kW
VOLTAGE	230 V	400 V	230 V	400 V
FREQUENCY	50 Hz	50 / 60 Hz	50 Hz	50 / 60 Hz
AMPERAGE	16 A	6,7 A	16 A	6,7 A
AIR FLOW	320 m³/h	320 m³/h	320 m³/h	320 m³/h
DEPRESSION	300 mBar	320 mBar	300 mBar	320 mBar
MAX DEPRESSION	200 mBar	250 mBar	200 mBar	250 mBar
Ø INLET	60 mm	60 mm	60 mm	60 mm
BODY DIAMETER	460 mm	460 mm	460 mm	460 mm
DIMENSIONS	80x60h140 cm	80x60h140 cm	80x60h140 cm	80x60h140 cm
WEIGHT	85 Kg	85 Kg	85 Kg	85 Kg
FILTERING SYSTEM	ST 22	ST 3	ST 22 MAXI	ST 3 MAXI
FILTER TYPE	Cartridge	Cartridge	Cartridge	Cartridge
PRIMARY FILTER - SURFACE	13.000 cm²	13.000 cm²	18.000 cm²	18.000 cm²
FILTER MEDIA	M	M	M	M
SECONDARY FILTER	OPTIONAL - HEPA	OPTIONAL - HEPA	OPTIONAL - HEPA	OPTIONAL - HEPA
FILTER CLEANING	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston
COLLECTION SYSTEM	ST 22	ST 3	ST 22 MAXI	ST 3 MAXI
CAPACITY	50 Liters	50 Liters	50 Liters	50 Liters
OTHER DEVICES	ST 22	ST 3	ST 22 MAXI	ST 3 MAXI
FLOATING	OPTIONAL Mechanical	OPTIONAL Mechanical	NO	NO



- ◀ Possibility of secondary HEPA filters.
- ◀ Primary filter with conductive aluminized cartridge in class M.
- ◀ Finned filter protection for reduced clogging.



- ◀ Semi-automatic cleaning system with pneumatic piston.



- ◀ Easy system for container release.

Available in **ATEX** version



◀ Tangential inlet



The filtering features of the STD and D1100 models combined with our semi-automatic filter cleaning system result in industrial vacuum cleaners that are ideal for all applications where there are large amounts of dust to be removed in any industrial context or production process, reducing cleaning time and benefiting from totally dust-free environments.

Particularly effective in harsh environments, the D1100 is one of the most robust machines on the market in its category.

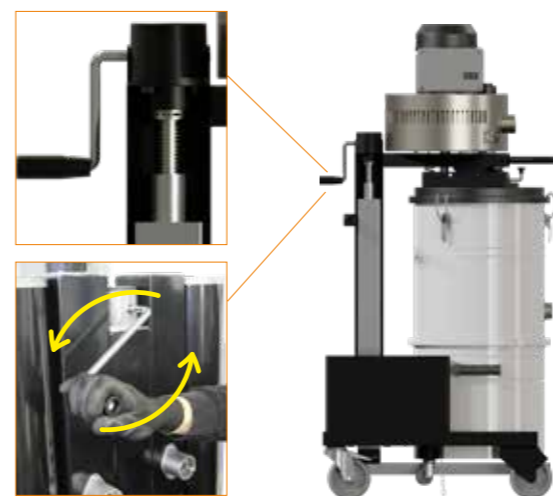
TECHNICAL FEATURES	TDCLINE STD PRO				
MODELS	STD 220	STD 300	D 1122	D 1130	D 1155
MOTORIZATION	Turbine	Turbine	Turbine	Turbine	Turbine
POWER	2,2 kW	3 kW	2,2 kW	3 kW	5,5 kW
VOLTAGE	230 V	400 V	230 V	400 V	400 V
FREQUENCY	50 Hz	50/60 Hz	50 Hz	50/60 Hz	50/60 Hz
AMPERAGE	16 A	6,7 A	16 A	6,7 A	73 A
AIR FLOW	320 m³/h	320 m³/h	320 m³/h	320 m³/h	520 m³/h
DEPRESSION	200 mBar	250 mBar	200 mBar	250 mBar	250 mBar
MAX DEPRESSION	300 mBar	320 mBar	300 mBar	320 mBar	320 mBar
Ø INLET	Tangential ø 60 mm	Tangential ø 60 mm	Tangential ø 60 mm	Tangential ø 60 mm	Tangential ø 60 mm
BODY DIAMETER	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm
DIMENSIONS	80 x 63 x 165 cm	80 x 63 x 165 cm	80 x 63 x 165 cm	80 x 63 x 165 cm	80 x 63 x 180 cm
WEIGHT	90 Kg	90 Kg	126 Kg	126 Kg	151 Kg
FILTERING SYSTEM	STD 220	STD 300	D 1122	D 1130	D 1155
FILTER TYPE	Cartridge	Cartridge	Cartridge	Cartridge	Cartridge
PRIMARY FILTER - SURFACE	22.000 cm²	22.000 cm²	22.000 cm²	22.000 cm²	22.000 cm²
FILTER MEDIA	M Conductive	M Conductive	M Conductive	M Conductive	M Conductive
SECONDARY FILTER	OPTIONAL - HEPA	OPTIONAL - HEPA	OPTIONAL - HEPA	OPTIONAL - HEPA	OPTIONAL - HEPA
FILTER CLEANING	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston	Semi - Automatic Pneumatic piston
COLLECTION SYSTEM	STD 220	STD 300	D 1122	D 1130	D 1155
CAPACITY	75 Liters	75 Liters	75 Liters	75 Liters	75 Liters
LONGOPAC CONTAINER INTERCHANGEABILITY	NO	NO	NO	NO	NO



- ◀ Possibility of secondary HEPA filters.
- ◀ Primary filter with conductive aluminized cartridge in class M.
- ◀ Finned filter protection for reduced clogging.



- ◀ Semi-automatic cleaning system with pneumatic piston.



- ◀ Reliable lifting system, suitable for heavy duty applications (D1100).

Available in ATEX version



Easy container release system for STD PRO.



The TDC 22M PRO and TDC 30 PRO models are vacuum cleaners suitable for continuous use, 24/7, without the need for special maintenance. The main feature of these machines is their versatility of use, focusing on the suction of both dust and solids.

TECHNICAL FEATURES

MODELS	TDC 22M	TDC 30
MOTORIZATION	Turbine	Turbine
POWER	2,2 kW	3 kW
VOLTAGE	230 V	400 V
FREQUENCY	50 Hz	50/60 Hz
AMPERAGE	16 A	6,7 A
AIR FLOW	320 m ³ /h	320 m ³ /h
DEPRESSION	200 mBar	250 mBar
MAX DEPRESSION	300 mBar	320 mBar
Ø INLET	Tangential ø 60 mm	Tangential ø 60 mm
BODY DIAMETER	ø 460 mm	ø 460 mm
DIMENSIONS	85 x 65 x 199 cm	85 x 65 x 199 cm
WEIGHT	92 Kg	92 Kg
FILTERING SYSTEM	TDC 22M	TDC 30
FILTER TYPE	Cartridge	Cartridge
PRIMARY FILTER - SURFACE	22.000 cm ²	22.000 cm ²
FILTER MEDIA	M Conductive	M Conductive
SECONDARY FILTER	OPTIONAL - HEPA	OPTIONAL - HEPA
FILTER CLEANING	Semi Automatic Pneumatic Piston	Semi Automatic Pneumatic Piston
COLLECTION SYSTEM	TDC 22M	TDC 30
CAPACITY	100l / Longopac®	100l / Longopac®
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES



Class M conductive aluminized cartridge primary filter, HEPA secondary filter.

Finned filter protection for reduced clogging.



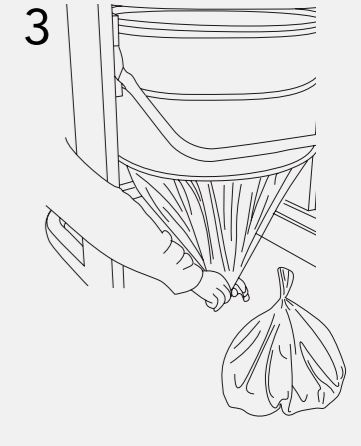
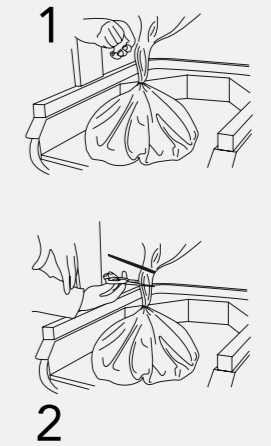
Semi-automatic cleaning system with pneumatic piston.

INTERCHANGEABLE COLLECTION SYSTEMS



Easy system for container release.

Longopac® continuous bag collection system.



Available in **ATEX** version



Motorised industrial vacuum cleaner with a 5.5 kW three-phase side channel turbine in series, configurable according to requirements in series, ideal for suctioning heavy, high specific weight materials or over long distances as it can reach a maximum vacuum of 500 mBar, or in parallel for greater air flow.

They are characterised by a construction designed to meet the requirements of solidity and robustness, ideal for heavy duty applications.

TECHNICAL FEATURES



MODELS	155 P	155 S
MOTORIZATION	Turbine	Turbine
POWER	5,5 kW	5,5 kW
VOLTAGE	400 V	400 V
FREQUENCY	50 Hz	50 Hz
AMPERAGE	10,4 A	10,4 A
AIR FLOW	520 m³/h	320 m³/h
DEPRESSION	250 mBar	450 mBar
MAX DEPRESSION	320 mBar	530 mBar
Ø INLET	Tangential Ø 60 mm	Central Ø 60 mm
BODY DIAMETER	ø 460 mm	ø 460 mm
DIMENSIONS	120 x 60 x 140 cm	120 x 60 x 140 cm
WEIGHT	155 Kg	155 Kg
FILTERING SYSTEM	155 P	155 S
FILTER TYPE	Cartridge	Cartridge
PRIMARY FILTER - SURFACE	22.000 cm²	22.000 cm²
FILTER MEDIA	M Conductive	M Conductive
SECONDARY FILTER	OPTIONAL - HEPA	OPTIONAL - HEPA
FILTER CLEANING	Semi Automatic Pneumatic Piston	Semi Automatic Pneumatic Piston
COLLECTION SYSTEM	155 P	155 S
CAPACITY	100l / Longopac®	100l / Longopac®
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES



- Conductive aluminized cartridge primary filter in class M.
- Finned filter protection for reduced clogging.

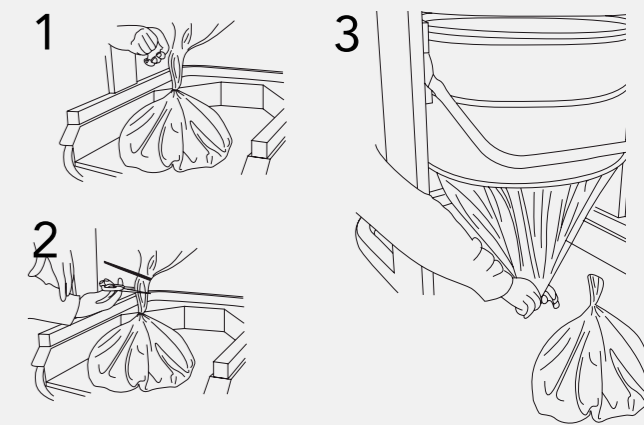


- Semi-automatic cleaning system with pneumatic piston.

INTERCHANGEABLE COLLECTION SYSTEMS



- Easy system for container release.
- Longopac® continuous bag collection system.



Available in ATEX® version





PULSE 121

PULSE 121

Type of waste to be vacuumed	Fine dust
Power and motorization	Turbine - 3 kW
Type of filter	Cartridge
Collection system	Longopac

FILTERING SYSTEM PULSE

PULSE line models are vacuums designed to meet the customer's request for a competitive vacuum cleaner ensuring good suction performance and the best possible filtration. The renewal of the design with the installation of the motors in the lower rear part has allowed the creation of a low vacuum, compact and easy to handle for transport. The center of gravity, which has moved lower, has also made it much more stable.



COMPACT

SAFE

EASY TO TRANSPORT

MANEUVERABLE



Filter design

Cartridge filter with an innovative design, without lower bottom plate to ensure perfect dust discharge from the filter once cleaned.



Differential pressure filter cleaning system

The filter cleaning system, defined as "differential pressure", uses a vacuum generated in the filter chamber to create a sudden jet of air in the cartridge.



Secondary HEPA filters

In order to guarantee absolute filtration quality, the PULSE models are equipped with secondary HEPA filters positioned on the back of the machine.



Longopac® collection system

All models of the PULSE line are equipped with a Longopac® continuous bag discharge system

121 PULSE is a compact and vertical vacuum cleaner, designed to meet the customer's demand for a competitive vacuum cleaner, ensuring good suction performance, and the best possible filtration.

The renewal of the design with the installation of the motor in the lower rear part has allowed the creation of a low, compact and highly manoeuvrable vacuum for easy transport. The center of gravity, which has moved lower, has also made the extractor much more stable.

TECHNICAL FEATURES **LINE PULSE**

MODELS 121 PULSE ☺

MOTORIZATION	Turbine
POWER	3 kW
VOLTAGE	400 V
FREQUENCY	50/60 Hz
AMPERAGE	6,7 A
AIRFLOW	320 m³/h
DEPRESSION	250 mBar
Ø INLET	Tangential Ø 60 mm
BODY DIAMETER	Ø 370 mm
DIMENSIONS	41x73x129 cm
WEIGHT	39 Kg

FILTERING SYSTEM 121 PULSE

FILTER TYPE	Cartridge
PRIMARY FILTER - SURFACE	22.000 cm²
FILTER MEDIA	HEPA+PTFE
SECONDARY FILTER	Nr.2 ULPA 15 - 19.000 cm²
FILTER CLEANING	Reverse flow

COLLECTION SYSTEM 121 PULSE

CAPACITY	Longopac® - 22 m
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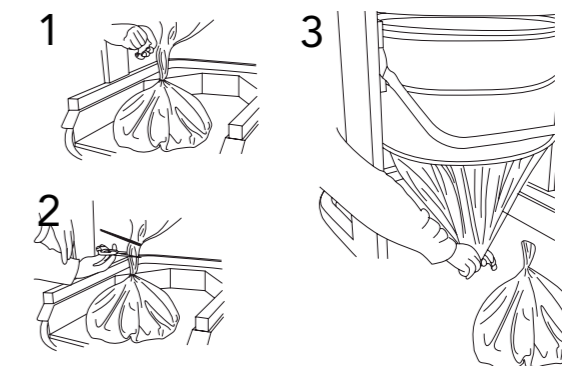
Primary filter with HEPA + PTFE filter media, useful for ensuring a smooth surface and reducing the impact of dust.

HEPA D.O.P. filters secondary for absolute filtering efficiency.

Side channel turbine engine.

Bottomless cartridge filter for perfect dust discharge.

Longopac® continuous bag collection system.





22M - 30 ICLEAN

Type of the waste to be vacuumed	22M Fine dust
Power and motorization	2,2 kW - Turbine
Type of filter	3 x cartridges
Collection system	Container or Longopac

Type of the waste to be vacuumed	30 Fine dust
Power and motorization	3 kW - Turbine
Type of filter	3 x cartridges
Collection system	Container or Longopac



HDC 511 ICLEAN

Type of the waste to be vacuumed	511 P Fine dust
Power and motorization	11 kW - 2x Turbine Greater Airflow
Type of filter	5 x cartridges
Collection system	Container 160l or Longopac

Type of the waste to be vacuumed	511 S Fine dust
Power and motorization	11 kW - 2x Turbine Higher depression
Type of filter	5 x cartridges
Collection system	Container 160l or Longopac



HDC 355 ICLEAN

Type of the waste to be vacuumed	355 P Fine dust
Power and motorization	5,5 kW - Turbine Greater Airflow
Type of filter	3 x cartridges
Collection system	Container 100l or Longopac

Type of the waste to be vacuumed	355 S Fine dust
Power and motorization	5,5 kW - Turbine Higher depression
Type of filter	3 x cartridges
Collection system	Container 100l or Longopac



HDC 822 ICLEAN

Type of the waste to be vacuumed	822 P Fine dust
Power and motorization	22 kW - 4x Turbine Greater Airflow
Type of filter	8 x cartridges
Collection system	Container 160l

Type of the waste to be vacuumed	822 S Fine dust
Power and motorization	22 kW - 4x Turbine Higher depression
Type of filter	8 x cartridges
Collection system	Container 160l

CLEAN

PATENTED FILTER CLEANING SYSTEM CLEAN

Thanks to this technology, models equipped with a cleaning system ensure constant suction performance, guaranteeing independent filter cleaning without any intervention by the operator and without ever interrupting suction. Filter efficiency is ensured by our patented filter cleaning system, which keeps the filters clean at all times.



3 FILTER CLEANING OPTIONS

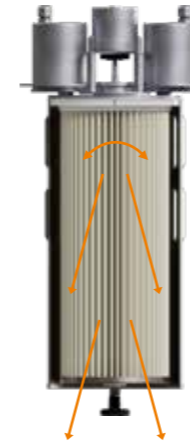
VIBRATION
I CLEAN

COMPRESSED AIR
AIR CLEAN

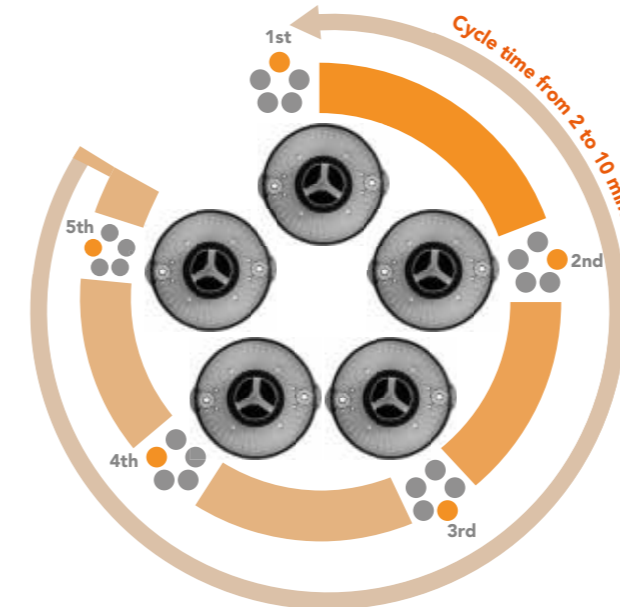
VIBRATION + COMPRESSED AIR
AIR CLEAN + I CLEAN

The filter cleaning cycle consists of phases in which the suction of one element is interrupted at a time with seal hermetic closure. The other filtering components remain active, guaranteeing the continuity of the suction action.

PATENTED FILTER CLEANING SYSTEM WITH SEAL HERMETIC CLOSURE



The filters are completely closed during cleaning, which greatly increases cleaning efficiency.



MULTIFILTER SYSTEM



HEPA + PTFE
3 FILTERS

HEPA + CONDUCTIVE + PTFE FOR ATEX MODELS



HEPA + PTFE
5 FILTERS

HEPA + CONDUCTIVE + PTFE FOR ATEX MODELS



HEPA + PTFE
8 FILTERS

HEPA + CONDUCTIVE + PTFE FOR ATEX MODELS

Industrial vacuum cleaner with three-phase turbine ideal for the suction of fine dust. The modular trolley makes it possible to install a drum or the Longopac collection system as required.

TECHNICAL FEATURES MODELS	ICLEAN		AIRCLEAN		AIRCLEAN + ICLEAN	
	TDC 22 M	TDC 30	TDC 22 M	TDC 30	TDC 22 M	TDC 30
MOTORIZATION	Turbine	Turbine	Turbine	Turbine	Turbine	Turbine
POWER	2,2 kW	3 kW	2,2 kW	3 kW	2,2 kW	3 kW
VOLTAGE	230 V	400 V	230 V	400 V	230 V	400 V
FREQUENCY	50 Hz	50/60 Hz	50 Hz	50/60 Hz	50 Hz	50/60 Hz
AMPERAGE	16 A	6,7 A	16 A	6,7 A	16 A	6,7 A
AIR FLOW	320 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h
DEPRESSION	200 mBar	250 mBar	200 mBar	250 mBar	200 mBar	250 mBar
MAX DEPRESSION	300 mBar	320 mBar	300 mBar	320 mBar	300 mBar	320 mBar
Ø INLET	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm
BODY DIAMETER	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm
DIMENSIONS	85 x 65 x 199 cm	85 x 65 x 199 cm	85 x 65 x 199 cm	85 x 65 x 199 cm	85 x 65 x 199 cm	85 x 65 x 199 cm
WEIGHT	92 Kg	92 Kg	92 Kg	92 Kg	92 Kg	92 Kg
FILTERING SYSTEM	TDC 22 M	TDC 30	TDC 22 M	TDC 30	TDC 22 M	TDC 30
FILTER TYPE	3 x Cartridge	3 x Cartridge	3 x Cartridge	3 x Cartridge	3 x Cartridge	3 x Cartridge
PRIMARY FILTER - SURFACE	21.000 cm²	21.000 cm²	21.000 cm²	21.000 cm²	21.000 cm²	21.000 cm²
FILTER MEDIA	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE
FILTER CLEANING	Automatic Vibration	Automatic Vibration	Automatic Compressed Air	Automatic Compressed Air	Automatic Vibration+Compressed Air	Automatic Vibration+Compressed Air
D.O.P.	OPTIONAL - 34.500 cm²	OPTIONAL - 34.500 cm²	OPTIONAL - 34.500 cm²	OPTIONAL - 34.500 cm²	OPTIONAL - 34.500 cm²	OPTIONAL - 34.500 cm²
COLLECTION SYSTEM	TDC 22 M	TDC 30	TDC 22 M	TDC 30	TDC 22 M	TDC 30
CAPACITY	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES	YES	YES	YES	YES



Filter protection for improved cyclonic efficiency and protection from abrasive materials.

Fully automatic filter cleaning as standard.



- ◀ Suction always present and efficient.
- ◀ 3 HEPA cartridge filters + PTFE membrane for standard models.
- ◀ 3 conductive HEPA cartridge filters for ATEX models.



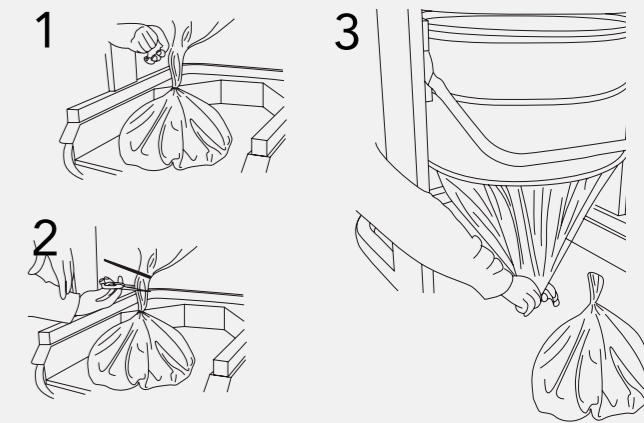
◀ Tangential dust inlet for greater dust separation from the filter.

INTERCHANGEABLE COLLECTION SYSTEMS



◀ Easy system for container release.

◀ Longopac® continuous bag collection system.



Available in ATEX® version

3 cleaning options

VIBRATION
ICLEAN

COMPRESSED AIR
AIRCLEAN

VIBRATION + COMPRESSED AIR
AIRCLEAN + ICLEAN



The HDC 355 ICLEAN models are among the most popular three-phase models in our range, as they guarantee maximum reliability and a filtering capacity that is always efficient thanks to the ICLEAN automatic filter cleaning system, which never interrupts suction and makes it ideal for responding to requests for continuous and prolonged suction over time, particularly suitable when connected to machinery in production.

TECHNICAL FEATURES MODELS	ICLEAN		AIR CLEAN		AIR CLEAN + ICLEAN	
	HDC 355 P	HDC 355 S	HDC 355 P	HDC 355 S	HDC 355 P	HDC 355 S
MOTORIZATION	Turbine	Turbine	Turbine	Turbine	Turbine	Turbine
POWER	5,5 kW	5,5 kW	5,5 kW	5,5 kW	5,5 kW	5,5 kW
VOLTAGE	400 V	400 V	400 V	400 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
AMPERAGE	10,4 A	10,4 A	10,4 A	10,4 A	10,4 A	10,4 A
AIR FLOW	520 m³/h	320 m³/h	520 m³/h	320 m³/h	520 m³/h	320 m³/h
DEPRESSION	250 mBar	450 mBar	250 mBar	450 mBar	250 mBar	450 mBar
MAX DEPRESSION	320 mBar	530 mBar	320 mBar	530 mBar	320 mBar	530 mBar
Ø INLET	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm	Tangential Ø 60 mm
BODY DIAMETER	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm	ø 460 mm
DIMENSIONS	110 x 60 x 168 cm	110 x 60 x 168 cm	110 x 60 x 168 cm	110 x 60 x 168 cm	110 x 60 x 168 cm	110 x 60 x 168 cm
WEIGHT	163 Kg	163 Kg	163 Kg	163 Kg	163 Kg	163 Kg
FILTERING SYSTEM	HDC 355 P	HDC 355 S	HDC 355 P	HDC 355 S	HDC 355 P	HDC 355 S
FILTER TYPE	3 x Cartridge	3 x Cartridge	3 x Cartridge	3 x Cartridge	3 x Cartridge	3 x Cartridge
PRIMARY FILTER - SURFACE	30.000 cm²	30.000 cm²	30.000 cm²	30.000 cm²	30.000 cm²	30.000 cm²
FILTER MEDIA	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE
FILTER CLEANING	Automatic Vibration	Automatic Vibration	Automatic Compressed Air	Automatic Compressed Air	Automatic Vibration+Compressed Air	Automatic Vibration+Compressed Air
D.O.P.	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
COLLECTION SYSTEM	HDC 355 P	HDC 355 S	HDC 355 P	HDC 355 S	HDC 355 P	HDC 355 S
CAPACITY	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®	100l / Longopac®
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES	YES	YES	YES	YES



- ◀ Suction always present and efficient.
- ◀ 3 HEPA cartridge filters + PTFE membrane for standard models.
- ◀ 3 conductive HEPA cartridge filters for ATEX models.
- ◀ Filter guard for improved cyclonic efficiency and protection from abrasive materials.
- ◀ Fully automatic filter protection as standard.

Available in **ATEX** version ▶

3 cleaning options ▶

VIBRATION
ICLEAN

COMPRESSED AIR
AIR CLEAN

VIBRATION + COMPRESSED AIR
AIR CLEAN + ICLEAN

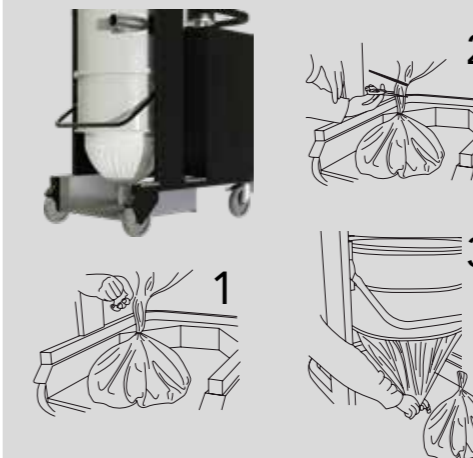


INTERCHANGEABLE COLLECTION SYSTEMS



Longopac® continuous bag collection system. ▶

▶ Easy system for container release.



High power three-phase vacuum cleaner with automatic cleaning system. Ideal for severe applications or centralized systems.

TECHNICAL FEATURES	ICLEAN		AIRCLEAN		AIRCLEAN + ICLEAN	
	HDC 511 P	HDC 511 S	HDC 511 P	HDC 511 S	HDC 511 P	HDC 511 S
MOTORIZATION	2x Turbine	2x Turbine	2x Turbine	2x Turbine	2x Turbine	2x Turbine
POWER	11 kW	11 kW	11 kW	11 kW	11 kW	11 kW
VOLTAGE	400 V	400 V	400 V	400 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
AMPERAGE	21 A	21 A	21 A	21 A	21 A	21 A
AIR FLOW	1040 m³/h	640 m³/h	1040 m³/h	640 m³/h	1040 m³/h	640 m³/h
DEPRESSION	250 mBar	450 mBar	250 mBar	450 mBar	250 mBar	450 mBar
MAX DEPRESSION	320 mBar	530 mBar	320 mBar	530 mBar	320 mBar	530 mBar
Ø INLET	Tangential Ø 90 mm	Tangential Ø 90 mm	Tangential Ø 90 mm	Tangential Ø 90 mm	Tangential Ø 90 mm	Tangential Ø 90 mm
BODY DIAMETER	ø 560 mm	ø 560 mm	ø 560 mm	ø 560 mm	ø 560 mm	ø 560 mm
DIMENSIONS	155 x 77 x 185 cm	155 x 77 x 185 cm	155 x 77 x 185 cm	155 x 77 x 185 cm	155 x 77 x 185 cm	155 x 77 x 185 cm
WEIGHT	350 Kg	350 Kg	350 Kg	350 Kg	350 Kg	350 Kg
FILTERING SYSTEM	HDC 511 P	HDC 511 S	HDC 511 P	HDC 511 S	HDC 511 P	HDC 511 S
FILTER TYPE	5 x Cartridge	5 x Cartridge	5 x Cartridge	5 x Cartridge	5 x Cartridge	5 x Cartridge
PRIMARY FILTER - SURFACE	50.000 cm²	50.000 cm²	50.000 cm²	50.000 cm²	50.000 cm²	50.000 cm²
FILTER MEDIA	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE
FILTER CLEANING	Automatic Vibration	Automatic Vibration	Automatic Compressed Air	Automatic Compressed Air	Automatic Vibration+Compressed Air	Automatic Vibration+Compressed Air
COLLECTION SYSTEM	HDC 511 P	HDC 511 S	HDC 511 P	HDC 511 S	HDC 511 P	HDC 511 S
CAPACITY	160l / Longopac®	160l / Longopac®	160l / Longopac®	160l / Longopac®	160l / Longopac®	160l / Longopac®
LONGOPAC CONTAINER INTERCHANGEABILITY	YES	YES	YES	YES	YES	YES



- ▶ Suction always present and efficient.
- ▶ 5 HEPA cartridge filters + PTFE membrane for standard models.
- ▶ 5 conductive HEPA cartridge filters for ATEX models.
- ▶ Filter guard for improved cyclonic efficiency and protection from abrasive materials.
- ▶ Fully automatic filter protection as standard.

Available in **ATEX** version

3 cleaning options

VIBRATION
ICLEAN

COMPRESSED AIR
AIRCLEAN

VIBRATION + COMPRESSED AIR
AIRCLEAN + ICLEAN

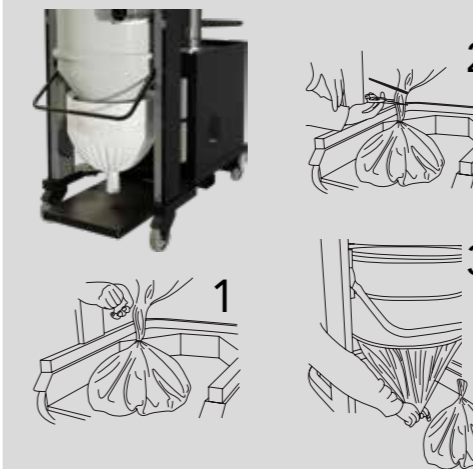


INTERCHANGEABLE COLLECTION SYSTEMS



Longopac® continuous bag collection system.

▶ Easy system for container release.



Three-phase high-power industrial vacuum cleaner. The advantage of this machine is to have a modular power. Motorized with 4x5.5 kW turbines, its power can be adjusted as needed. It finds its ideal use in centralized systems, having manageable power, automatically allows a considerable saving in energy consumption.

TECHNICAL FEATURES MODELS	ICLEAN		AIR CLEAN		AIR CLEAN + I CLEAN	
	HDC 822 P	HDC 822 S	HDC 822 P	HDC 822 S	HDC 822 P	HDC 822 S
MOTORIZATION	4x Turbine	4x Turbine	4x Turbine	4x Turbine	4x Turbine	4x Turbine
POWER	22 kW	22 kW	22 kW	22 kW	22 kW	22 kW
VOLTAGE	400 V	400 V	400 V	400 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
AMPERAGE	42 A	42 A	42 A	42 A	42 A	42 A
AIR FLOW	2200 m³/h	1300 m³/h	2200 m³/h	1300 m³/h	2200 m³/h	1300 m³/h
DEPRESSION	250 mBar	400 mBar	250 mBar	400 mBar	250 mBar	400 mBar
MAX DEPRESSION	320 mBar	530 mBar	320 mBar	530 mBar	320 mBar	530 mBar
Ø INLET	Tangential Ø 150 mm	Tangential Ø 150 mm	Tangential Ø 150 mm	Tangential Ø 150 mm	Tangential Ø 150 mm	Tangential Ø 150 mm
BODY DIAMETER	ø 800 mm	ø 800 mm	ø 800 mm	ø 800 mm	ø 800 mm	ø 800 mm
DIMENSIONS	170 x 88 x 225 cm	170 x 88 x 225 cm	170 x 88 x 225 cm	170 x 88 x 225 cm	170 x 88 x 225 cm	170 x 88 x 225 cm
WEIGHT	850 Kg	850 Kg	850 Kg	850 Kg	850 Kg	850 Kg
FILTERING SYSTEM	HDC 822 P	HDC 822 S	HDC 822 P	HDC 822 S	HDC 822 P	HDC 822 S
FILTER TYPE	8 x Cartridge	8 x Cartridge	8 x Cartridge	8 x Cartridge	8 x Cartridge	8 x Cartridge
PRIMARY FILTER - SURFACE	130.000 cm²	130.000 cm²	130.000 cm²	130.000 cm²	130.000 cm²	130.000 cm²
FILTER MEDIA	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE
FILTER CLEANING	Automatic Vibration	Automatic Vibration	Automatic Compressed Air	Automatic Compressed Air	Automatic Vibration+Compressed Air	Automatic Vibration+Compressed Air
COLLECTION SYSTEM	HDC 822 P	HDC 822 S	HDC 822 P	HDC 822 S	HDC 822 P	HDC 822 S
CAPACITY	160 Liters	160 Liters	160 Liters	160 Liters	160 Liters	160 Liters



Filter guard for improved cyclonic efficiency and protection from abrasive materials.

Fully automatic filter protection as standard.



Suction always present and efficient.

8 HEPA cartridge filters + PTFE membrane for standard models.

8 conductive HEPA cartridge filters for ATEX models.



Control panel on the back.

Management of 4 independent turbines for significant energy savings.

Nr 4x5.5 kW turbines, double stage, with thermal protection. Total power 22 kW.



Robust release system with forks and worm screw.

Available in ATEX version

3 cleaning options

VIBRATION
ICLEAN

COMPRESSED AIR
AIR CLEAN

VIBRATION + COMPRESSED AIR
AIR CLEAN + I CLEAN





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