





Coynco is a company that is capable of quickly finding the perfect solution for any type of request



thanks to excellent customer service and a rapid exchange of information and a wide selection of machinery as well as constant and continuous access to all the necessary parts for the manufacturing of vacuum cleaners or side channel turbines. As can be seen from the photos, our industrial vacuum cleaners are entirely manufactured by us, starting from the raw materials to the finished product. The processes of laser cutting, punching, stamping, bending of metal sheets, shaft calendaring, MIG welding, shaft production, printing of polyurethane sealing, turning and production of turbines for vacuum cleaning are entirely produced in our company, guaranteeing maximum and constant control of the entire production chain. Standard conditions for obtaining the maximum qualitative results.











Guide for the choice of vacuum

In a market that offers numerous non-specialised standard vacuum cleaners, our mission is to fully satisfy and find perfect solutions for the specific needs of the client. Our specific products are not only of extremely high quality but also capable of guaranteeing complete efficiency and effectiveness, features that help to greatly reduce the time spent on cleaning and thereby reducing costs.

Every model is designed for a particular task that could be the removal of very fine dust particles, swarf and oil emulsions, dust that is damaging to health, suction over long distances, centralised suction, bagging of intake material, use in the pharmaceuticals or food sector etc..

To obtain maximum performance and perfect cleaning, it is essential to use the right machine for the job and our specialised staff at Coynco can provide a suitable solution for any kind of task.

Motorisation available

An important choice for industrial vacuum cleaners is whether to have brush motors that are used for commercial or professional cleaners or side channel turbines. The most important factor to consider is what type of tasks the cleaner will be used for.

When continuous or very frequent use is required, it is preferable to use models with a side channel turbine as they last longer than models with brush motors that would have to be replaced over time.

The side channel turbine doesn't create problems, even when it is necessary for the cleaner to work non-stop.

Turbine models





Collector motor models

The ATEX industrial vacuum cleaners can be in ELECTRIC or PNEUMATIC version

The ATEX directive (ATmosphere EXplosive) came into force in the EEC on 1st July 2003 and certifies the presence of the necessary requisites for vacuum cleaners, turbines and other machinery according to the directive 94/9/EC that can safely operate in environments at risk of explosion. These risks are subdivided into various levels of danger for the operator, classified in the directive 99/92/EC for the presence of gas, mist or dust that could cause a risk of explosion.

As a manufacturer, Coynco is required to supply its clients with machines from the appropriate category on the basis of a declaration from the client who should first define the zone where the vacuum cleaner is going to be used.

The presence and quantity of potentially explosive gas, mist or dust must be considered in order to define the characteristics of the environment where the vacuum cleaner will be used. The following table gives detailed information about the different zones.

In all the ATEX vacuum cleaners, the dust containers including the filtering box and the cover are all made with INOX AISI 304 steel.

The ATEX Zone 21 models also have a safety membrane which is placed at the tangential entrance

The Atex electric vacuum cleaners include the switch box certified by ATEX in conductible plastic.

ALL THE At Ex VERSIONS REQUIRE BEING CONNECTED TO THE COMPRESSED AIR NETWORK



CLASSIFICATION OF ZONES WITH THE RISK OF EXPLOSION

| TYPE OF SUBSTANCE | ZONE | DESCRIPTION |
|----------------------------|------|---|
| GAS, VAPOURS OR MIST | 0 | Areas in which explosive atmospheres caused by mixtures of air and gases, vapours or mists are present continuously or for long periods of time. |
| | 1 | Areas in which explosive atmospheres caused by mixtures of air and gases, vapours or mists are likely to occur occasionally during normal operation. |
| | 2 | Areas in which explosive atmospheres caused by mixtures of air and gases, vapours or mists are not likely to occur or only occur infrequently or for short periods of time. |
| DUST | 20 | Areas in which an explosive atmosphere in the form of a cloud of combustible dust in the air is present continuously or for long periods of time or frequently. |
| | 21 | Areas in which an explosive atmosphere in the form of a cloud of combustible dust in the air is likely to occur occasionally during normal operation. |
| | 22 | Areas in which an explosive atmosphere in the form of a cloud of combustible dust in the air is not likely to occur occasionally during normal operation but, if it does occur, will persist for a short period only. |

THE DIFFERENCES BETWEEN THE LINES

ARE THE FILTER CLEANING SYSTEMS





Semi-auto

Every industrial vacuum is equipped with a conductible cartridge filter, made available depending on the needs of the version:





The cleaning of the filter is done manually through a switch.



Automatic

The filters are cleaned cyclically while maintaining the suction during the operation. Another switch for an eventual manual cleaning is also available. Every cleaner has multi filters and also has an inbuilt hEPA h14 filters.





SMArt 180 D - 280 D models + TOOLS Versions

Industrial vacuums for **DUST** with **SEMI AUTOMATIC** filter cleaning



SMART 180 D and 280 D are professional vacuum-cleaners equipped with a very efficient system for the cleaning of the filter that can be put into action by means of a switch.

A practical instrument for work, it cleans dust and refuse in an absolutely secure and silent way.

180 D

1 collector motor 280 D

2 collector motors

The **TOOLS** versions are supplied with a remote switch, so that the cleaner can be controlled by an electrical tool connected to an electrical socket.

SMART 235 D - 350 D - T 35 D - T 35 D ATEX models



These cleaners are ideal models to which all kinds of general in your company cleaning can be assigned.

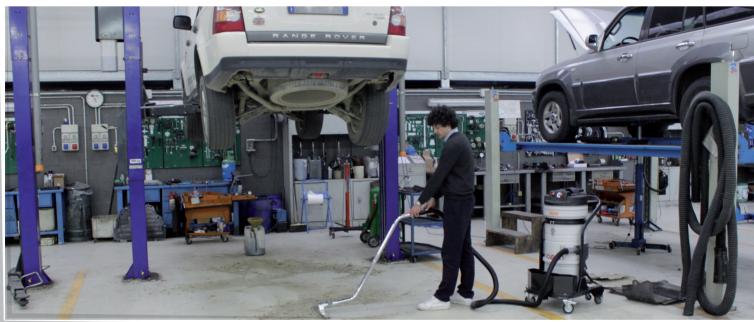
Their maneuverability combined with their compactness allow for easy movement even in small spaces, facilitating the work of cleaning your machines.

Technical data SMQr[†] 180 D - 280 D - 235 D - 350 D - T 35 D - T 35 D ATEX models

| | 180 D | 280 D | 235 D | 350 D | T 351 D | T 353 D | T 351 D At €2-22 | T 353 D At €2-22 |
|------------------|--------------|-----------------------|-------------------|-------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| POWER | 1 kW | 2 kW | 2 kW | 3 kW | 2,2 kW | 3 kW | 2,2 kW | 2,6 kW |
| VOLTAGE | 230V 50Hz | 230V 50Hz | 230V 50Hz | 230V 50Hz | 230V 50Hz | 400V+ 230V 50-60Hz | 230V 50Hz | 400V+ 230V 50-60Hz |
| FILTER SHAKER | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO |
| FILTER CLASS | M - H | M - H | M - H | M - H | M - H | M - H | M - H | M - H |
| AIR FLOW | 165 m³/h | 330 m ³ /h | 330 m³/h | 450 m³/h | 320 m ³ /h | 320 m ³ /h | 320 m³/h | 320 m³/h |
| MAX DEPRESSION | 230 mBar | 230 mBar | 230 mBar | 230 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar |
| VALVE DEPRESSION | | | | | 220 mBar | 260 mBar | 220 mBar | 260 mBar |
| CAPACITY | 25 L useful | 25 L useful | 35 L | 50 L | 35 L | 35 L | 35 L | 35 L |
| DIMENSIONS | ø42 x h92 cm | ø42 x h92 cm | 62 x 50 x h111 cm | 80 x 60 x h118 cm | 62 x 50 x h127 cm | 62 x 50 x h127 cm | 62 x 50 x h127 cm | 62 x 50 x h127 cm |
| WEIGHT | 22 Kg | 24 Kg | 42 Kg | 65 Kg | 72 Kg | 72 Kg | 72 Kg | 72 Kg |
| | | | | | | | | |
| | | | | | | | | |







SEMI-AUTOMATIC FILTER CLEANING SYSTEM

These models are equipped with a very efficient filter-cleaning system, which can be activated by means of a special switch positioned on the command panel.

This function allows of the re-establishment of the filtering capacity without any effort on the part of the operator in a few seconds.

FILTERING SYSTEM

The cleaner comes with a conductive filter cartridge, guaranteeing the discharge of the electrostatic current, and can be configured depending on the needs of the version in class H or M. For the protection of the filter, there is a special cyclone made of steel, which when joined to the dust tangential inlet allows for a cyclonic effect, thereby increasing the filtering effect and rendering possible the cleaning of abrasive materials.



SMART 240 WD - 235 WD - 350 WD models

WET e DRY industrial vacuums



FILTER PROTECTION

The filter protection has a double function:

DUST SUCTION

Joined to the tangential entrance favours the cyclonic effect, increasing the filtering efficiency, reducing the premature blockage of the filter.

LIQUID SUCTION

Protect the filter from liquids suction and act as a shield for abrasive materials collection.

Technical data **SMArt** 240 WD - 235 WD - 350 WD models

| | 240 WD | 235 WD | 350 WD |
|----------------|-------------------|-------------------|-------------------|
| POWER | 2,4 kW | 2,4 kW | 3,6 kW |
| VOLTAGE | 230V 50Hz | 230V 50Hz | 230V 50Hz |
| FILTER SHAKER | SEMI-AUTO | SEMI-AUTO | SEMI-AUTO |
| FILTER CLASS | М | М | М |
| AIR FLOW | 300 m³/h | 300 m³/h | 450 m³/h |
| MAX DEPRESSION | 230 mBar | 230 mBar | 230 mBar |
| CAPACITY | 40 L useful | 35 L | 50 L |
| DIMENSIONS | 52 x 43 x h110 cm | 62 x 50 x h111 cm | 80 x 60 x h118 cm |
| WEIGHT | 22 Kg | 42 Kg | 65 Kg |
| | | | |
| | | | |





THE FIRST LIQUIDS VACUUM WITH KEPT DUST FILTER

These innovative vacuum cleaners allow for the cleaning of dust and the liquids with the great advantage of maintaining the same configuration and allowing the filter to remain dry even during the cleaning of the liquids. Thus the continuous mounting and dismantling of the filter is no longer necessary.

STAINLESS STEEL SEPARATOR

ONLY FOR **SMART 350 WD** MODEL

These machines are capable of separating liquids from solids using a macro filtration process that allows the reuse of the oils for the machine tools involved in production. The unit that separates the chips can also be fitted with a nylon filter that increases the filtration of the oils before they are used again.



— AUTOMATIC ARREST OF THE LIQUIDS

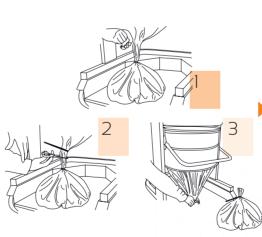
The cleaner is equipped with an automatic system of liquid arrest, which is ideal when it is necessary to clean large quantities of liquid even with the immersed pipe which allows for the switching off of the cleaner at the maximum level possible.

235 - 350 (CLGQQ) models

The first **SINGLE-PHASE** industrial vacuums with the complete **AUTOMATIC** filter cleaning integrated









Technical data 235 - 350 ICGON models

| | 235 ICLEAN 350 ICLEAN | | 235 BAG ICLEAN | 350 BAG ICLEAN | |
|----------------|-----------------------|-------------------|-----------------------|-------------------|--|
| | | | 235 Single BAG ICLEAN | | |
| POWER | 2 kW | 3 kW | 2 kW | 3 kW | |
| VOLTAGE | 230V 50Hz | 230V 50Hz | 230V 50Hz | 230V 50Hz | |
| FILTER SHAKER | AUTO | AUTO | AUTO | AUTO | |
| | | | SEMI-AUTO | | |
| FILTER CLASS | Н | Н | Н | Н | |
| | | | M - H | | |
| AIR FLOW | 300 m³/h | 450 m³/h | 300 m³/h | 450 m³/h | |
| MAX DEPRESSION | 230 mBar | 230 mBar | 230 mBar | 230 mBar | |
| CAPACITY | 35 L | 50 L | 20 M LONGOPAC ® | 20 M LONGOPAC ® | |
| | | | Disposable bag | | |
| DIMENSIONS | 62 x 50 x h111 cm | 80 x 60 x h118 cm | 65 x 55 x h145 cm | 73 x 60 x h157 cm | |
| WEIGHT | 42 Kg | 65 Kg | 45 Kg | 83 Kg | |

LONGOPAC®

THE BAG THAT SAFEGUARDS THE WORKING ENVIRONMENT

The LONGOPAC® collection system used in this series is often used in the construction industry but could easily be used in any other sector.



(CLEGO

COMPLETELY AUTOMATIC FILTER CLEANING

The models with the innovative I CLEAN filter cleaning ensure constant suction and guarantee autonomous filter cleaning without the intervention of the operator and without ever stopping the vacuum.

Each of the filters fitted is periodically cleaned by vibrating.

Coynco has developed this technology to respond to the demand for continuous suction over prolonged periods of time and is particularly suitable for connection to production machinery.





FILTERING SYSTEM

The external part is produced using conductive material to allow for the discharge of electrostatic currents during use. The internal part, thanks to the use of Hepa filters, is able to filter 99.995% of 0.3 micron dust, making the workplace safer and practically dust-free. The filters are protected by a special patented cyclone that joined to the tangential type inlet creates a cyclonic effect which much more separates the dusts from the filter, thus increasing the suction efficiency.

ST - STD - 1100 - CAR 1100 - CAR 2655 (CLEON models

TURBINE industrial vacuums with the complete AUTOMATIC filter cleaning integrated



ST ICLEAN models

STD ICLEAN models

100 - 1100 BAG

1100 BAG ICLEAN models



ST 22 ICLEAN

Single-phase single-stage turbine

ST 3 ICLEAN

Threephase single-stage turbine

STD 220 ICLEAN Single-phase single-stage turbine

STD 300 ICLEAN

Threephase single-stage turbine

1100 ICLEAN models

1122 ICLEAN

Single-phase single-stage turbine

1130 ICLEAN

Threephase single-stage turbine

1122 BAG ICLEAN

Single-phase single-stage turbine

1130 BAG ICLEAN

Threephase single-stage turbine

CAR 1100 - CAR 1100 BAG ICLEAN





CAR 1100 BAG ICLEAN models

CAR 2655 - CAR 2655 BAG ICLEAN





CAR 2655 BAG ICLEAN models

CAR 1122 ICLEAN

Single-phase single-stage turbine

CAR 1130 ICLEAN

Threephase single-stage turbine CAR 1155 P ICLEAN

5,5 kW double-stage turbine + air flow

5,5 kW double-stage + depression

CAR 1155 S ICLEAN

CAR 1122 BAG ICLEAN

Single-phase single-stage turbine

CAR 1130 BAG ICLEAN

Threephase single-stage turbine

CAR 1155 P BAG ICLEAN

5,5 kW double-stage turbine + air flow CAR 1155 S BAG ICLEAN

5,5 kW double-stage + depression

CAR 2655 P ICLEAN

11 kW + air flow

CAR 2655 S ICLEAN

11 kW + depression

CAR 2655 P BAG ICLEAN

11 kW + air flow

CAR 2655 S BAG ICLEAN

11 kW + depression

Technical data ST - STD - 1100 - CAR 1100 - CAR 2655 ICOON models

| | ST 22 ICLEAN ST 220 ICLEAN | ST 3 ICLEAN STD 300 ICLEAN | 1122 ICLEAN 1122 BAG ICLEAN | 1130 ICLEAN 1130 BAG ICLEAN | CAR 1122 ICLEAN CAR 1122 BAG ICLEAN | CAR 1130 ICLEAN CAR 1130 BAG ICLEAN | CAR 1155 P ICLEAN CAR 1155 P BAG ICLEAN | CAR 1155 S ICLEAN CAR 1155 S BAG ICLEAN |
|------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--|--|--|--|
| POWER | 2,2 kW | 3 kW | 2,2 kW | 3 kW | 2,2 kW | 3 kW | 5,5 kW | 5,5 kW |
| VOLTAGE | 230V 50Hz | 400V+230V 50/60Hz | 230V 50Hz | 400V+230V 50/60Hz | 230V 50Hz | 400V+230V 50/60Hz | 400V+230V 50/60Hz | 400V+230V 50/60Hz |
| FILTER SHAKER | AUTO | AUTO | AUTO | AUTO | AUTO | AUTO | AUTO | AUTO |
| FILTER CLASS | Н | Н | Н | Н | Н | Н | Н | Н |
| AIR FLOW | 320 m³/h | 320 m³/h | 320 m³/h | 320 m³/h | 320 m³/h | 320 m³/h | 560 m³/h | 380 m ³ /h |
| MAX DEPRESSION | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 500 mBar |
| VALVE DEPRESSION | 220 mBar | 260 mBar | 220 mBar | 260 mBar | 260 mBar | 260 mBar | 260 mBar | 460 mBar |
| CAPACITY | 50 L | 50 L | 75 L | 75 L | 100 L | 100 L | 100 L | 100 L |
| | 75 L | 75 L | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® |
| DIMENSIONS | 80 x 60 h152 cm | 80 x 60 h152 cm | 80 x 60 h158 cm | 80 x 60 h158 cm | 115 x 65 h160 cm | 115 x 65 h160 cm | 115 x 65 h160 cm | 115 x 65 h160 cm |
| | 80 x 60 h163 cm | 80 x 60 h163 cm | TRANSPORT MODE | TRANSPORT MODE | | | | |
| WEIGHT | 105 Kg | 105 Kg | 158 Kg | 158 Kg | 185 Kg | 185 Kg | 215 Kg | 215 Kg |



FILTERS THAT GUARANTEE A DUST-FREE ENVIRONMENT

The external part is produced using conductive material to allow for the discharge of electrostatic currents during use.

The internal part, thanks to the use of Hepa filters, is able to filter 99.995% of 0.3 micron dust, making the workplace safer and practically dust-free.





FILTER B SUCTION
FILTER C SUCTION



FILTER B SUCTION
FILTER B BLOWING
+
VIBRATION

FILTER C SUCTION



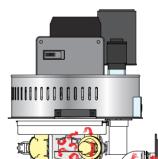
FILTER B SUCTION
FILTER C BLOWING
VIBRATION

FILTERS ALWAYS CLEAN

The CYCLIC FILTER CLEANING phases occur EVERY MINUTE, alternately cleaning each mounted filter for 1.5 seconds.

The process uses vibrations and the blowing of air produced by the machine itself so an air compression unit is not necessary. During each phase, suction is closed off to the filter being cleaned producing more effective results.







The three filters are protected by a special patented cyclone effect that prevents the problem of rapid filter clogging.

2

The filters are separated by plates to prevent the falling dust of the filter being cleaned from depositing on the other filters during use.

3

For the suction of any type of waste material, the vibrations and the air blown onto the filter combine to produce perfect filter cleaning.

4

Suction continues even during the cyclic filter cleaning phases.

ST - STD - 1100 - CAR 1100 - CAR 2655 (CLOCAL At (20 models

TURBINE At (industrial vacuums with the complete AUTOMATIC filter cleaning integrated



Single-phase single-stage turbine

STD 300 ICLEAN

STD 220 ICLEAN

Threephase single-stage turbine

100 - 1100 BAG ICLEAN version equipped with a telescopic structure fitted to make transport easier. 1100 ICLEAN models 1100 BAG ICLEAN models

At (2) 2-22 | I 3GD EEx nA | I T4 / T | 135°C | P 65

1122 ICLEAN

Single-phase single-stage turbine

1130 ICLEAN

Threephase single-stage turbine

1122 BAG ICLEAN

Single-phase single-stage turbine

1130 BAG ICLEAN

Threephase single-stage turbine

At (2) 2-22 | I 3GD EEx nA | T4 / T135°C | P 65



ST 22 ICLEAN

ST 3 ICLEAN

CAR 1100 - CAR 1100 BAG ICLEAN

Single-phase single-stage turbine

Threephase single-stage turbine

CAR 1100 ICLEAN models

CAR 1100 BAG ICLEAN models

CAR 2655 - CAR 2655 BAG ICLEAN

CAR 2655 ICLEAN models





CAR 2655 BAG ICLEAN models

CAR 1122 ICLEAN

Single-phase single-stage turbine

CAR 1130 ICLEAN

Threephase single-stage turbine

CAR 1155 P ICLEAN

5,5 kW double-stage turbine + air flow

CAR 1155 S ICLEAN

5,5 kW double-stage + depression

CAR 1122 BAG ICLEAN

Single-phase single-stage turbine

CAR 1130 BAG ICLEAN

Threephase single-stage turbine

CAR 1155 P BAG ICLEAN

5,5 kW double-stage turbine + air flow

CAR 1155 S BAG ICLEAN

5,5 kW double-stage + depression

CAR 2655 P ICLEAN

11 kW + air flow

CAR 2655 S ICLEAN

11 kW + depression

CAR 2655 P BAG ICLEAN

11 kW + air flow

CAR 2655 S BAG ICLEAN

11 kW + depression

Technical data ST - STD - 1100 - CAR 1100 - CAR 2655 (CQQ∩ At 262-22 models

| | ST 22 ICLEAN ST 220 ICLEAN | ST 3 ICLEAN STD 300 ICLEAN | 1122 ICLEAN 1122 BAG ICLEAN | 1130 ICLEAN 1130 BAG ICLEAN | CAR 1122 ICLEAN CAR 1122 BAG ICLEAN | CAR 1130 ICLEAN CAR 1130 BAG ICLEAN | CAR 1155 P ICLEAN CAR 1155 P BAG ICLEAN | |
|------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--|--|--|-------------------|
| POWER | 2,2 kW | 3 kW | 2,2 kW | 3 kW | 2,2 kW | 3 kW | 5,5 kW | 5,5 kW |
| VOLTAGE | 230V 50Hz | 400V+230V 50/60Hz | 230V 50Hz | 400V+230V 50/60Hz | 230V 50Hz | 400V+230V 50/60Hz | 400V+230V 50/60Hz | 400V+230V 50/60Hz |
| FILTER SHAKER | AUTO | AUTO | AUTO | AUTO | AUTO | AUTO | AUTO | AUTO |
| FILTER CLASS | Н | Н | Н | Н | Н | Н | Н | Н |
| AIR FLOW | 320 m³/h | 320 m³/h | 320 m³/h | 320 m³/h | 320 m³/h | 320 m³/h | 560 m³/h | 380 m³/h |
| MAX DEPRESSION | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 320 mBar | 500 mBar |
| VALVE DEPRESSION | 220 mBar | 260 mBar | 220 mBar | 260 mBar | 260 mBar | 260 mBar | 260 mBar | 460 mBar |
| CAPACITY | 50 L | 50 L | 75 L | 75 L | 100 L | 100 L | 100 L | 100 L |
| | 75 L | 75 L | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® | 20 M LONGOPAC® |
| DIMENSIONS | 80 x 60 h152 cm | 80 x 60 h152 cm | 80 x 60 h158 cm | 80 x 60 h158 cm | 115 x 65 h160 cm | 115 x 65 h160 cm | 115 x 65 h160 cm | 115 x 65 h160 cm |
| | 80 x 60 h163 cm | 80 x 60 h163 cm | TRANSPORT MODE | TRANSPORT MODE | | | | |
| WEIGHT | 105 Kg | 105 Kg | 158 Kg | 158 Kg | 185 Kg | 185 Kg | 215 Kg | 215 Kg |



versions require being connected to the compressed air network

The design of the **1100 ICLEAN models** allows for the modification of the height, making for easy transportation.





A version equipped with a telescopic structure fitted to make transport easier.



MODULAR VACUUM CLEANERS

Models with the LONGOPAC® collection system are INTER-CHANGEABLE with standard drums

11 kW 11 kW 400V+230V 50/60Hz AUTO AUTO H H 1000 m³/h 700 m³/h 320 mBar 500 mBar 260 mBar 460 mBar 100 L 100 L 20 M LONGOPAC® 20 M LONGOPAC® 130 x 65 h160 cm

LONGOPAC®, THE CONTINUOUS BAG FOR THE SAFEST COLLECTION OF DUST

The LONGOPAC® is a special continuous bag formed from a tube of highly resistant plastic that is 20 metres long and positioned under the collection hopper. The principal characteristic of this system is that the amount of waste determines the size and weight of the bag which can be sealed and easily transported and disposed being easily storable. Once the disposal bag has been created, the refilling operation for the successive one is automatic: all that is needed is to pull the remaining edge thus unrolling the cartridge placed in the appropriate container under the hopper of the cleaner.





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