



INDUSTRIAL VACUUMS





Coyngo is a company that operates in the field of industrial cleaning and vacuum cleaners that are suitable for all sectors. Its success is thanks to over thirty years of experience and the entrepreneurial spirit of Giancarlo Bettella, who also founded SOTECO S.p.A, a leading company in the production of commercial and professional vacuum cleaners, where he worked as the technical and product manager until 2001.

In 2001, he decided to try and fill a gap in the market in the vacuum-cleaning sector. His idea was to design, develop and produce a range of side channel turbines to be used for industrial vacuum cleaners. This quickly made his company, SOLARYS, an important point of reference in Europe for those in need of high quality, heavy-duty turbines.



After countless requests from many important retailers in the sector and with a clear propensity for industrial design, Giancarlo Bettella created COYNCO, a new division at Solarys, in 2004. As well as producing turbines, several new innovative concepts were introduced with regards to filtering systems, reverse flow and filter cleaning, all of which resulted in as many successful international patents.

Already with a wide range of products capable of satisfying the many different needs of the manufacturing world, Coynco presented its vacuum cleaners at the 2006 ISSA-INTERCLEAN trade fair in Amsterdam. The division's innovative technologies in the sector of industrial vacuum cleaners created great interest from international visitors and helped to widen their European and international market.

With the market's immediate consent, in 2008 the company decided to make considerable investments to create their own premises for Coynco where it would be possible to manufacture all the components in-house to assure the highest quality for their products. Thanks to their latest modern equipment for working with sheet metal, welding components and even in-house production of specific moulds, quality controls really do happen in real time!





Coyngo 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 Coyngo 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, Coyncó 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.



Electrical



Compressed air

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.



line filtering technology

Semi-automatic filter cleaning

With the simple movement of a lever, cleaning is rapid and automatic eliminating the tedious or unpleasant situations that are involved with removing and manually cleaning the filter..

Tangential inlet

The tangential inlet allows for the entrance of materials vacuum-cleaned with the highest speed, making possible the cyclonic effect and thus increasing the separation of filter dusts thereby reducing blockage.

Patented anti-clogging cyclone

The special slits in the upper part of the filter protection ensure that the sucked air flows evenly leaving a low velocity in the base. This prevents both the dust that is moving down towards the container and that which has already been deposited from moving and being sucked onto the filter.

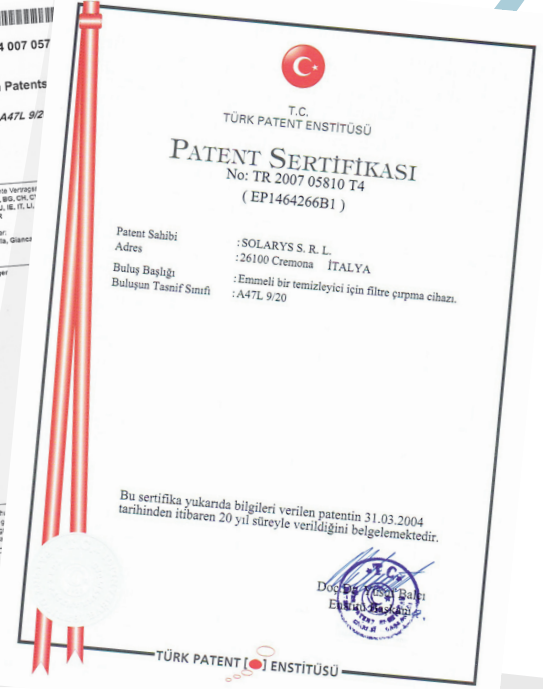
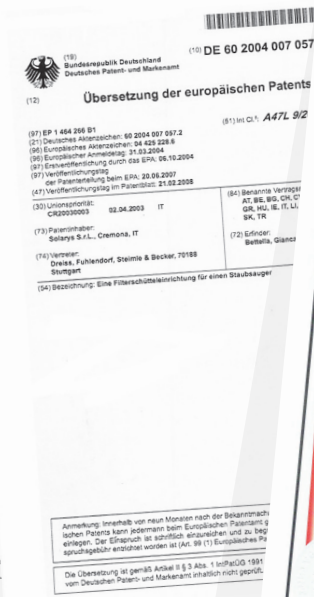
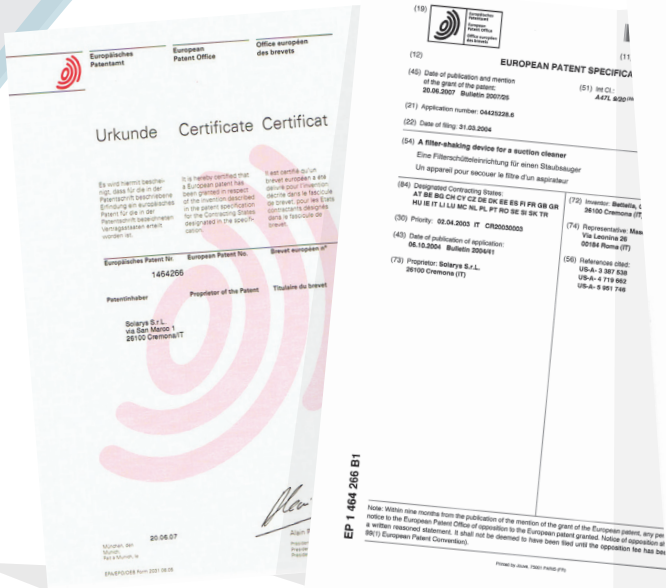
Conductive filters

Our polyester cartridge filters are certified in the M class series and have a layer of aluminium that makes them conductive and subsequently antistatic, which is necessary for discharge of electrostatic forces that are generated with the suction of dust, especially very fine particles.

The use of an extremely smooth surface also allows dust to slip away thanks to the vibrations created by a shaker piston that perfectly clean the filter guaranteeing constant high suction performance.



OUR PATENTS



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S - ST - S PN models

WET & DRY vacuums with a capacity of 50 liters



S

S models

- S 102**
2 by-pass collector motors
- S 103**
3 by-pass collector motors



ST

ST models

- ST 22**
Single-phase single-stage turbine
- ST 3**
Three-phase single-stage turbine



ST ATEX

ST ATEX models

- ST 22 ATEX 2-22**
II 3GD EEx nA II T4 / T135°C IP 65
- ST 3 ATEX 2-22**
II 3GD EEx nA II T4 / T135°C IP 65
- ST 4 ATEX 21**
II 2D EEx nA 100 °C IP 65



S PN ATEX

S PN ATEX models

- S PN ATEX 2-22**
II 3 GD T6 / T 85 °C
- S PN ATEX 1-21**
II 2 GD T6 / T 85 °C

Powered by compressed air

TECHNICAL DATA S - ST - S PN models

	S 102	S 103	ST 22	ST 3	ST 22 At _{Ex} 22	ST 3 At _{Ex} 22	ST 4 At _{Ex} 22	S PN At _{Ex} 22
POWER	2,4 kW	3,6 kW	2,2 kW	3 kW	2,2 kW	2,6 kW	3,4 kW	
VOLTAGE	230 V 50Hz	230 V 50Hz	230 V 50Hz	400 V 50-60Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	
SUPPLY PRESSURE								4 a 6 Bar
AIR CONSUMPTION								1500 l/min
FILTER SHAKER	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO
FILTER CLASS	M	M	M	M	M	M	M	M
AIR FLOW	300 m³/h	450 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	380 m³/h
MAX DEPRESSION	230 mBar	230 mBar	320 mBar	320 mBar	320 mBar	320 mBar	320 mBar	350 mBar
VALVE DEPRESSION			220 mBar	260 mBar	220 mBar	260 mBar	260 mBar	
CAPACITY	50 L	50 L	50 L	50 L	50 L	50 L	50 L	50 L
DIMENSIONS	80 x 60 x h115 cm	80 x 60 x h115 cm	80 x 60 x h130 cm	80 x 60 x h130 cm	80 x 60 x h130 cm	80 x 60 x h130 cm	80 x 60 x h130 cm	80 x 60 x h115 cm
WEIGHT	67 Kg	69 Kg	85 Kg	85 Kg	85 Kg	85 Kg	85 Kg	64 Kg

Ergonomic

The large clevis placed at the back allows for the easy grip for the movement of the vacuum cleaner. The release of the shaft which also has a handle, allows for an easy extraction and an easy movement thanks to the pivoting wheels.

The filtering system

The quality of the work done is guaranteed by a polyester filter with an aluminized layer, a property which makes the filter conductive. The standard version includes a filter in the M class. The H version is available on request. The filters are protected by a special cyclone patented by us, which significantly slows down premature blockage of the filter and acts as a monitor against the most abrasive materials

Patented filter cleaning system

By inverting the position of a lever, a pneu-mechanic piston is automatically activated creating vibrations able to make the dust deposited in the filter slip into an underlying container, thereby restoring the original filtering capacity.



POLYVALENTS for various cleaning needs in each sector

Vacuum cleaners and Industrial liquid cleaners with a capacity of 50 litres extremely compact and handy, ideal for every type of vacuum cleaning from dust and solid to liquid. Perfect cleaning instrument for every type of environment and industrial machine. Their easy use and the use of units for the reduction of obstacles allows for their operation in limited spaces with absolute security.



SPN At  21

4 a 6 Bar

1500 l/min

SEMI-AUTO

M

380 m³/h

350 mBar

50 L

80 x 60 x h115 cm

64 Kg

SMD - STD - D1100 - CAR 1155 S - SD PN models

Industrial vacuums for **DUST** and **SOLIDS**

<p>SMD</p>  <p>SMD models</p> <ul style="list-style-type: none"> SMD 1020 2 by-pass collector motors SMD 1030 3 by-pass collector motors 	<p>STD</p>  <p>STD models</p> <ul style="list-style-type: none"> STD 220 Single-phase single-stage turbine STD 300 Three-phase single-stage turbine 	<p>D1100</p>  <p>D 1100 models</p> <ul style="list-style-type: none"> D 1122 Single-phase single-stage turbine D 1130 Three-phase single-stage turbine D 1155 5,5 kW double-stage turbine + air flow 	<p>CAR 1155 S</p>  <p>CAR 1155 S models</p> <ul style="list-style-type: none"> CAR 1155 S 5,5 kW double-stage turbine + depression
<p>SD PN ATEX</p>  <p>At  models</p> <ul style="list-style-type: none"> SD PN ATEX 2-22 II 3 GD T6 / T 85 °C SD PN ATEX 1-21 II 2 GD T6 / T 85 °C <p>Powered by compressed air</p>	<p>STD ATEX</p>  <p>At  models</p> <ul style="list-style-type: none"> STD 220 ATEX 2-22 II 3GD EEx nA II T4 / T135°C IP 65 STD 300 ATEX 2-22 II 3GD EEx nA II T4 / T135°C IP 65 STD 400 ATEX 21 II 2D EEx nA 100 °C IP 65 	<p>D 1100 ATEX</p>  <p>At  models</p> <ul style="list-style-type: none"> D 1122 ATEX 2-22 II 3GD EEx nA II T4 / T135°C IP 65 D 1130 ATEX 2-22 II 3GD EEx nA II T4 / T135°C IP 65 D 1155 ATEX 2-22 II 3GD EEx nA II T4 / T135°C IP 65 D 1140 ATEX 21 II 2D EEx nA 100 °C IP 65 	<p>CAR 1155 S ATEX</p>  <p>At  models</p> <ul style="list-style-type: none"> CAR 1155 S ATEX 2-22 II 3GD EEx nA II T4 / T135°C IP 65

TECHNICAL DATA SMD - STD - D1100 - CAR 1155 S - SD PN models

	SMD 1020	SMD 1030	STD 220	STD 300	D 1122	D 1130	D 1155	CAR 1155 S
POWER	2,4 kW	3,6 kW	2,2 kW	3 kW	2,2 kW	3 kW	5,5 kW	5,5 kW
VOLTAGE	230 V 50Hz	230 V 50Hz	230 V 50Hz	400 V 50-60Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	400 V 50-60Hz
SUPPLY PRESSURE								
AIR CONSUMPTION								
FILTER SHAKER	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO
FILTER CLASS	M	M	M	M	M	M	M	M
AIR FLOW	300 m³/h	450 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	560 m³/h	380 m³/h
MAX DEPRESSION	230 mBar	230 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	460 mBar
CAPACITY	75 L	75 L	75 L	75 L	75 L	75 L	75 L	100 L
DIMENSIONS	80 x 60 h150 cm	80 x 60 h150 cm	80 x 60 h165 cm	80 x 60 h165 cm	80 x 63 h165 cm	80 x 63 h165 cm	80 x 63 h180 cm	118 x 63 h169 cm
WEIGHT	78 Kg	81 Kg	90 Kg	90 Kg	126 Kg	126 Kg	151 Kg	205 Kg

Filtering system

These models were conceived on the basis of COYNCO's experience in the extraction of fine dust and provides a notably higher efficiency when it comes to suction performance thanks to a greater filter surface area and a new patented cyclone that gives much higher resistance to clogging and protection against abrasive materials. The class of the filtration standard is M. The H version is available on request.

THE EASIEST AND FASTEST CLEANING OF INDUSTRIAL ENVIRONMENTS.

The filter characteristics integrated with our patented filter cleaning system are responsible for industrial cleaners that are ideal for every kind of application in which there is a great quantity of dust to be removed in every type of industrial contest or production process, reducing the time dedicated to cleaning and taking advantage of totally vacuum-cleaned environment

Design and Motorization

SMD - STD - D 1100 MODELS

The configuration in the models SMD-STD and D1100 finds the cleaning group, connected in the upper part, in order to supply the most possible direction combination between the extractor unit and the dust separation group, avoiding loss of extraction loads due to eventual connections due to pipe network and thus taking advantage of the maximum transportation of oil available. The 5.5kw models with a two-stage turbine are available at the same time (maximum air flow) mounted on D1155 model or the CAR 1155 S equipped with turbine in series (maximum depression) ready to operate and respond to the needs of vacuum-cleaning fast of heavy materials, of every nature, in large quantities and/or a significant distance.

The design of the turbine in a series constraints us to put it at the back of the vacuum cleaner.



VACUUMS FOR GREAT QUANTITIES OF DUST

These vacuum cleaners are ideal for large quantities of dust and are designed for safe, simple and consistently efficient operation in the vicinity of production machines and also people. Companies operating in the ceramic, chemical/pharmaceutical, electronic, nautical, food and building sectors can now put their trust in industrial vacuum cleaners that have been designed for the needs of each sector in terms of maintenance work, cleaning of industrial plants or removal of dust resulting from their production processes.

SD PN At 22	SD PN At 21	STD 220 At 22	STD 300 At 22	STD 400 At 21	D 1122 At 22	D 1130 At 22	D 1140 At 21	D 1155 At 22	CAR 1155 S At 22
		2,2 kW	2,6 kW	3,4 kW	2,2 kW	2,6 kW	3,4 kW	5,2 kW	5,2 kW
		230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	400 V 50-60Hz	400 V 50-60Hz
4 a 6 Bar	4 a 6 Bar								
1500 l/min	1500 l/min								
SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO
M	M	M	M	M	M	M	M	M	M
380 m³/h	380 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	560 m³/h	380 m³/h
350 mBar	350 mBar	320 mBar	320 mBar	320 mBar	320 mBar	320 mBar	320 mBar	320 mBar	500 mBar
		220 mBar	260 mBar	260 mBar	220 mBar	260 mBar	260 mBar	460 mBar	460 mBar
75 L	75 L	75 L	75 L	75 L	75 L	75 L	75 L	75 L	100 L
80 x 60 x h150 cm	80 x 60 x h150 cm	80 x 60 x h165 cm	80 x 60 x h165 cm	80 x 60 x h165 cm	80 x 60 x h165 cm	80 x 60 x h165 cm	80 x 60 x h165 cm	80 x 60 x h180 cm	118 x 63 x h169 cm
72 Kg	72 Kg	90 Kg	90 Kg	90 Kg	126 Kg	126 Kg	126 Kg	151 Kg	205 Kg

BAG series

Industrial vacuums for **DUST** and **BAGGING** of sucked material

S BAG



S BAG models

- S 2 BAG**
2 by-pass collector motors
- S 3 BAG**
3 by-pass collector motors

ST BAG



ST BAG models

- ST 2 BAG**
Single-phase single-stage turbine
- ST 3 BAG**
Three-phase single-stage turbine

ST BAG ATEX



ST BAG models

- ST 22 BAG ATEX 2-22**
II 3GD EEx nA II T4 / T135°C IP 65
- ST 3 BAG ATEX 2-22**
II 3GD EEx nA II T4 / T135°C IP 65
- ST 4 BAG ATEX 21**
II 2D EEx nA 100 °C IP 65

PN BAG ATEX



PN BAG models

- PN BAG ATEX 2-22**
II 3 GD T6 / T 85 °C
- PN BAG ATEX 1-21**
II 2 GD T6 / T 85 °C

Powered by compressed air

TECHNICAL DATA BAG series

	S 2 BAG	S 3 BAG	ST 22 BAG	ST 3 BAG	ST 22 BAG AtEx 22	ST 3 BAG AtEx 22	ST 4 BAG AtEx 21	PN BAG AtEx 22
POWER	2,4 kW	3,6 kW	2,2 kW	2,6 kW	2,2 kW	2,6 kW	3,4 kW	
VOLTAGE	230 V 50Hz	230 V 50Hz	230 V 50Hz	400 V 50-60Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	
SUPPLY PRESSURE								4 a 6 Bar
AIR CONSUMPTION								1500 l/min
FILTER SHAKER	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO
FILTER CLASS	M	M	M	M	M	M	M	M
AIR FLOW	300 m³/h	450 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	320 m³/h	380 m³/h
MAX DEPRESSION	230 mBar	230 mBar	320 mBar	320 mBar	320 mBar	320 mBar	320 mBar	350 mBar
VALVE DEPRESSION			220 mBar	260 mBar	220 mBar	260 mBar	260 mBar	
COLLECTION SYSTEM	LONGOPAC® 20 mt	LONGOPAC® 20 mt	LONGOPAC® 20 mt	LONGOPAC® 20 mt	LONGOPAC® 20 mt	LONGOPAC® 20 mt	LONGOPAC® 20 mt	LONGOPAC® 20 mt
DIMENSIONS	80 x 60 x h160 cm	80 x 60 x h160 cm	80 x 60 x h175 cm	80 x 60 x h175 cm	80 x 60 x h175 cm	80 x 60 x h175 cm	80 x 60 x h175 cm	80 x 60 x h150 cm
WEIGHT	90 Kg	93 Kg	107 Kg	107 Kg	107 Kg	107 Kg	107 Kg	87 Kg



The system
for the gathering of dust
LONGOPAC®

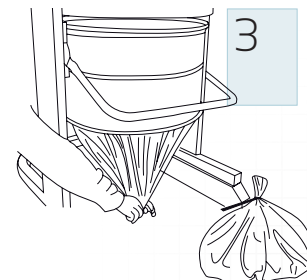
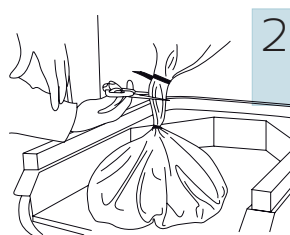
The principal advantage is the safety for the operator who doesn't come into contact with the extracted dust, which is a common problem during the usual pouring of the conventional shafts. Thus the risks of dispersion of dusts in the environment and contamination are overcome.

This new concept for single and 3-phase vacuum cleaners is the result of COYNCO's research to maximise practicality and respect the operator's working conditions combined with better suction performance.

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.



PN BAG At 21

4 a 6 Bar

1500 l/min

SEMI-AUTO

M

380 m³/h

350 mBar

LONGOPAC® 20 mt

80 x 60 x h150 cm

87 Kg

LONGOPAC®, THE CONTINUOUS BAG FOR THE SAFEST THE 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.

OIL series

Industrial vacuums for workshops suitable for the suction of **METAL CHIPS** and **LIQUIDS**

M1003 OIL



M 1003 OIL model

M 1003 OIL
3 by-pass collector motors

1100 OIL



1100 OIL models

- 1122 OIL**
Single-phase single-stage turbine
- 1130 OIL**
Three-phase single-stage turbine
- 1140 OIL**
Three-phase single-stage turbine
- 1155 OIL**
5,5 kW double-stage turbine + air flow

CAR 1155 OIL



CAR 1155 OIL model

CAR 1155 OIL
5,5 kW Double-stage turbine + depression

TECHNICAL DATA OIL series

	M 1003 OIL	1122 OIL	1130 OIL	1140 OIL	1155 OIL	CAR 1155 OIL
POWER	3,6 kW	2,2 kW	3 kW	4 kW	5,5 kW	5,5 kW
VOLTAGE	230 V 50Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	400 V 50-60Hz	400 V 50-60Hz
DUST FILTER	filter 3µ	filter 3µ	filter 3µ	filter 3µ	filter 3µ	filter 3µ
FILTER SHAKER	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO
LIQUID EJECTION	REVERSE FLOW	REVERSE FLOW	REVERSE FLOW	REVERSE FLOW	REVERSE FLOW	REVERSE FLOW
AIR FLOW	320 m ³ /h	320 m ³ /h	320 m ³ /h	320 m ³ /h	560 m ³ /h	380 m ³ /h
MAX DEPRESSION	230 mBar	320 mBar	320 mBar	320 mBar	320 mBar	500 mBar
VALVE DEPRESSION		220 mBar	260 mBar	260 mBar	260 mBar	460 mBar
CAPACITY	100 L	100 L	100 L	100 L	100 L	100 L
DIMENSIONS	80 x 63 h148 cm	80 x 63 h165 cm	80 x 63 h165 cm	80 x 63 h165 cm	80 x 63 h180 cm	118 x 63 h169 cm
WEIGHT	120 Kg	130 Kg	130 Kg	130 Kg	155 Kg	210 Kg



A vast range of industrial vacuum cleaners
**DESIGNED SPECIFICALLY FOR THE
MECHANICAL ENGINEERING SECTOR**
and the simultaneous suction of
METAL CHIP, OIL AND LUBRICANTS.

— Polyvalent

As opposed to other appliances, the vacuum-cleaner it also has dust filter, making the general cleaning of the industrial environment possible, without having to purchase another vacuum cleaner for this purpose.

— The automatic liquid arrest system

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

— Stainless steel separation basket

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.

— Ejecting liquids with reverse flow system

Emptying liquids is simple, efficient and rapid thanks to COYNCO's reverse flow system that takes advantage of the air produced in the turbine to discharge the sucked liquids. In this way, there is no need for the use of pumps or the more primitive and basic methods that use the force of gravity. The system not only guarantees speed but also, in terms of reliability, the best alternative to pumps that are usually used, which are often prone to blockage due to the type of material that is not always filtered successfully or the presence of sludge in milling machinery.

REVERSE series

Industrial vacuums cleaners for **LIGHT** and **VOLUMINOUS** materials

RVS 180



RVS 180 model

RVS 180
1 collector motor

RVS 22/3/55



RVS 22/3/55 models

RVS 22
Single-phase single-stage turbine

RVS 3
Three-phase single-stage turbine

RVS 55 P
5,5 kW double-stage turbine + air flow

RVS 55 S
5,5 kW double-stage turbine + depression

RVS 22/3/55 ATEX



At

RVS 22/3/55 models

RVS 22 ATEX 2-22
II 3 GD EEx nA II T4 / T 135°C IP 65

RVS 3 ATEX 2-22
II 3 GD EEx nA II T4 / T 135°C IP 65

RVS 55 P ATEX 2-22
II 3 GD EEx nA II T4 / T 135°C IP 65

RVS 55 S ATEX 2-22
II 3 GD EEx nA II T4 / T 135°C IP 65

Operation

The suction flows from top to bottom forcing the waste material downwards into the filtering nylon bag. With the bag stretched open, the force of the suction compresses the waste material inside allowing the bag to be filled completely before its disposal.

Filter Option

It's possible to fix the principal filter container in polyester for the cleaning of very dusty materials. The standard filter is a filter made of nylon.



TECHNICAL DATA REVERSE series

	RVS 180	RVS 22	RVS 3	RVS 55 P	RVS 55 S	RVS 22 At	RVS 3 At	RVS 55 P At
POWER	1,1 kW	2,2 kW	3 kW	5,5 kW	5,5 kW	2,2 kW	2,6 kW	5,2 kW
VOLTAGE	230 V 50Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz	400 V 50-60Hz	230 V 50Hz	400 V 50-60Hz	400 V 50-60Hz
FILTER CONTAINER	NYLON STANDARD	NYLON STANDARD	NYLON STANDARD	NYLON STANDARD	NYLON STANDARD	NYLON STANDARD	NYLON STANDARD	NYLON STANDARD
FILTER SECONDARY	CARTRIDGE 3µ	CARTRIDGE 3µ	CARTRIDGE 3µ	CARTRIDGE 3µ	CARTRIDGE 3µ	CARTRIDGE 3µ	CARTRIDGE 3µ	CARTRIDGE 3µ
AIR FLOW	165 m³/h	320 m³/h	320 m³/h	560 m³/h	380 m³/h	320 m³/h	320 m³/h	560 m³/h
MAX DEPRESSION	230 mBar	320 mBar	320 mBar	320 mBar	500 mBar	320 mBar	320 mBar	320 mBar
VALVE DEPRESSION		220 mBar	260 mBar	260 mBar	460 mBar	220 mBar	260 mBar	260 mBar
CAPACITY	80 L	120 L	120 L	120 L	120 L	120 L	120 L	120 L
DIMENSIONS	ø 52 h92 cm	100 x 60 h135 cm	100 x 60 h135 cm	100 x 60 h135 cm	100 x 60 h135 cm	100 x 60 h135 cm	100 x 60 h135 cm	100 x 60 h135 cm
WEIGHT	28 Kg	114 Kg	114 Kg	134 Kg	134 Kg	114 Kg	114 Kg	134 Kg

REVERSE

The REVERSE was designed specifically for the removal of light but voluminous material such as paper, textiles or plastic of any type. Being very volatile, this kind of material makes suction problematic for conventional vacuum cleaners as the filters rapidly become clogged.

The design of this model makes it ideal for pairing with production machinery thanks to its reduced dimensions and the use of a powerful side channel turbine that provides not only reliability but the possibility to use continuously, even 24 hours a day.

LARGE CAPACITY

THE SUCTION COMPRESSES THE SCRAPS INSIDE THE BAG

A SECONDARY FILTER IS MOUNTED ORIGINALLY FOR SAFETY DURING THE CLEANING OF DUSTY MATERIALS

RVS 55 S At  22

5,2 kW

400 V 50-60Hz

NYLON STANDARD

CARTRIDGE 3µ

380 m³/h

500 mBar

460 mBar

120 L

100 x 60 h135 cm

134 Kg



For use in the following sectors:

PAPER: Suitable for the suction of scraps of paper or card as well as the dust produced during the trimming phase.

TEXTILES: For the suction of any type of fibre (e.g. cotton, glass wool, etc.) during production.

For the suction of absorbent material often of a light but very voluminous nature.

PACKAGING: For the suction of packing material or waste from packaging machinery in any sector.

WOOD: For the suction of dust or wood chips in the environments or coming from any machine.



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