



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP

PHENIX

Dry Waste Collection System
SR 0400 E, SR 0500 A

Instruction Manual



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1 Safety

We thank you for the choice and the trust placed in. Busch Vacuum Solutions is sure that this product will satisfy all your needs and expectations.

© Valid documentation for machines manufactured from 01/01/2021.

Before using the machine, read carefully and understand the instructions stated in this manual.

This manual, which is an integral part of the vacuum cleaner, has been compiled in order to give to whom is familiar with it the necessary information for:

- The information about the dangers.
- The correct use of the vacuum cleaner in safety condition.
- The good knowledge of the functioning and the limits of use of the vacuum cleaner.
- The maintenance routine services on the vacuum cleaner
- How to dismantle the vacuum cleaner under safety conditions and in respect of the laws in force on this subject.

The vacuum cleaner operator must read and learn the information described in this manual; the time spent on this purpose will be fully compensated from the correct use of the vacuum cleaner. Keep this manual for all the working life of the vacuum cleaner in a well-known place and accessible to everybody. Handle the manual with care, with cleaned hands, avoid leaving it on dirty surfaces. Keep the manual away from humidity and heat. Don't remove, tear or arbitrarily modify any parts of the manual. In case of problems with the comprehension of this manual, contact Busch Vacuum Solutions.

In order to point out important parts of this manual, different types of "graphic symbols of security" have been used:



DANGER

... indicates an imminent dangerous situation that will result in death or serious injuries if not prevented.



WARNING

... indicates a potentially dangerous situation that could result in death or serious injuries.



CAUTION

... indicates a potentially dangerous situation that could result in minor injuries.



NOTICE

... indicates a potentially dangerous situation that could result in damage to property.



NOTE

... indicates helpful tips and recommendations, as well as information for efficient and trouble-free operation.

2 Instructions

**WARNING**

Read and understand this manual before using the machine; always keep this manual in the machine.

2.1 Attached Documentation

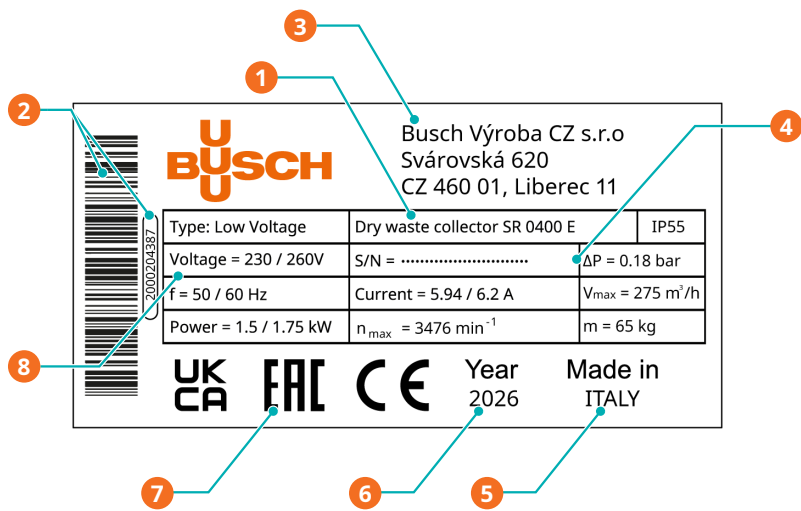
The following documents come with this manual:

- Exploded view
- Electrical drawing
- EU and UK Declarations of conformity

2.2 Identification Data (Name plate)

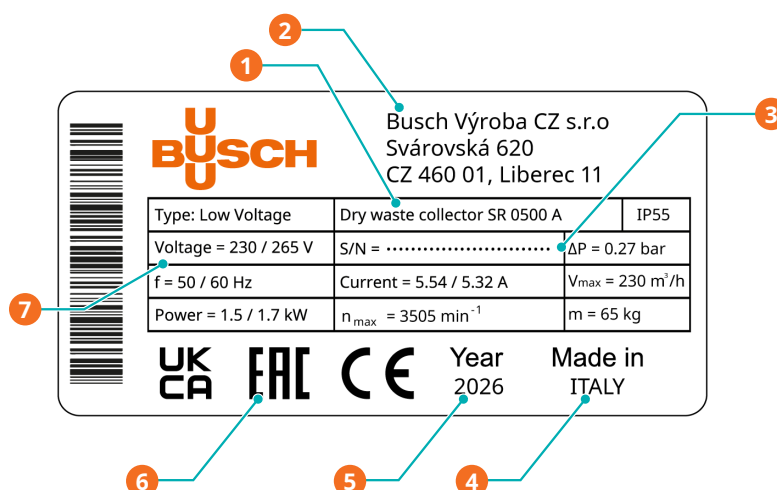
The identification plate (name plate) is directly applied to the vacuum cleaner. On the name plate, there are the identification data of the vacuum cleaner and the manufacturer.

PHENIX SR 0400 E



Description			
1	Model	2	Pump article number
3	Manufacturer	4	Manufacturer serial number
5	Manufacturing country	6	Manufacturing year
7	Marks of conformity	8	Technical data

PHENIX SR 0500 A



Description

1	Model	2	Manufacturer
3	Serial number	4	Manufacturing country
5	Manufacturing year	6	Marks of conformity
7	Technical data		

Model and Type Example

The instructions for use are to be applied for the following model(s).

Vacuum cleaner: **PHENIX SR 0400 E or PHENIX SR 0500 A**

Manufacturer

Busch Výroba CZ s.r.o
Svárovská 620
CZ 460 01, Liberec 11

www.buschvacuum.com

EU and UKCA Markings

This equipment conforms to the specifications established by Machine Directives; the conformity is certified and the EU and UKCA marks are on the machine, directly applied onto the identification plate (name plate).

2.3 Assistance

Contact the nearest after sales service of the Manufacturer in case of need.

When assistance is needed, specify the data described on the identification plate and the approximate working hours of the vacuum cleaner.

2.4 Spare Parts

Requests for spare parts should be addressed to the Manufacturer or to your nearest After-Sales Service Centre.



NOTE

Use only original spare parts and accessories delivered and authorized by the Manufacturer.

2.5 Testing and Guarantee

Each machine is subjected to a final test involving its operation and performances. This guarantees maximum efficiency during the work the machine must carry out.

2.5.1 Guarantee Conditions

Busch Vacuum Solutions undertakes, within the limits below indicated, to replace or to repair under guarantee the faulty parts for a period of 12 (twelve) months from the date of the shipment by the side of the manufacturer to the Customer.

If the Customer does not want to lose the right of guarantee, he shall notify immediately Busch Vacuum Solutions about the damage mentioning serial number of the machine. Busch Vacuum Solutions will decide under its unquestionable judgement to repair the faulty part or to ask the Customer to send the faulty part back for technical inspections and/or eventual reparation.

By replacing or repairing of the faulty part, Busch Vacuum Solutions fulfils completely his obligations of guarantee, and he is relieved from any responsibility and obligation related to transport expenses, travel and stay of technicians and assemblers.

For no reasons Busch Vacuum Solutions shall be considered responsible for expenses for standstill of works, for non-utilization of the machine or for any other accidental damages, consequent or special they could be.

The guarantee is not valid for damages due to an incorrect use or not in accordance to what specified in the manual which comes with the machine.

Besides the guarantee doesn't cover the components subject to wear and tear.

The following conditions are not covered by guarantee:

- transport damages.
- damages due to wrong installation of the machine.
- improper use of the machine or negligence.
- tampering or reparation made by unauthorized personnel or use of spurious spare parts.
- missing maintenance.
- parts which are subject to wear and tear in use.

In case the damage does not fall within the terms of guarantee, all the expenses for an eventual reparation will be debited to the Customer.

The only valid document to the guaranteed end, is the selling invoice of the vacuum cleaner. Departures from these guaranteed terms shall be authorized in writing by Busch Vacuum Solutions.

2.5.2 Exclusion of responsibility

The machine was delivered to the user according to the conditions that were valid at the time of purchase.



NOTICE

For no reason shall the user be authorized to tamper with the machine. Contact your nearest After-Sales Service Center in the event of faults. All attempts by the user or by unauthorized personnel to demount, modify or, more generally, tamper with any part of the machine shall void the guarantee and relieve the manufacturer of all responsibility for damage to either persons or property caused by such action.

The manufacturer shall also be relieved of liability in the following cases:

- incorrect installation,
- improper use of the machine by inadequately trained personnel,
- utilization contrary to the provisions in force in the country of use,

- incorrect or insufficient maintenance,
- use of spurious spares or use of spares that are not specifically made for the model in question,
- total or partial failure to comply with the instructions,
- failure to forward the guaranteed certificate,
- exceptional environmental events.

2.6 Glossary

During the drawing up of the manual, non-usual words were used. Here below a short explanation of them:

Machine operator

He carries out the following tasks:

- accomplishment of operations required in order to run the machine,
- operation of the machine controls,
- accomplishment of simple operations relating to machine operation,
- accomplishment of cleaning operations and daily inspections,
- parking of the machine at the end of work.



DANGER

The machine operator must only work with the protective casings mounted and the safety devices activated.

Mechanical servicing technician

Works in all operating conditions and at all protection levels. Carries out all mechanical repairs or adjustments but does not work on the electrical equipment. Each intervention of the mechanical servicing technician must be carried out with vacuum cleaner switched off and disconnected from its power source.

Servicing electrician

Operates in all operating conditions and at all protection levels. Carries out all repairs and adjustments to the electrical system. Disconnect the vacuum cleaner from its power source before each modification.

Manufacturer's technician

Carries out installation, setting up and modification work in accordance with the manufacturer. May also train other persons and recognize any negligence concerning use of the machine.

Routine maintenance

It groups all the necessary operations to ensure that the vacuum cleaner remains in a constantly reliable efficiency and safety condition. The routine maintenance operations are planned by the manufacturer and must be done according to the procedures described into the Instruction Manual.

Special maintenance

It groups all the necessary operations to ensure that the vacuum cleaner remains in a constantly reliable efficiency and safety condition.

2.7 Working Modes General Description

The PHENIX vacuum cleaners of Busch vacuum solutions collect the products by means of a strong airflow created by an integrated side channel blower.

The product is vacuumed into the vacuum cleaner where the filter element separates the product from the airflow; the product falls into the removable container placed at the base of the vacuum cleaner.

After vacuuming, it is possible to take the collecting bag off to remove the collected product. The advantages of the vacuum cleaners are clear:

- take up minimal space
- quick installation

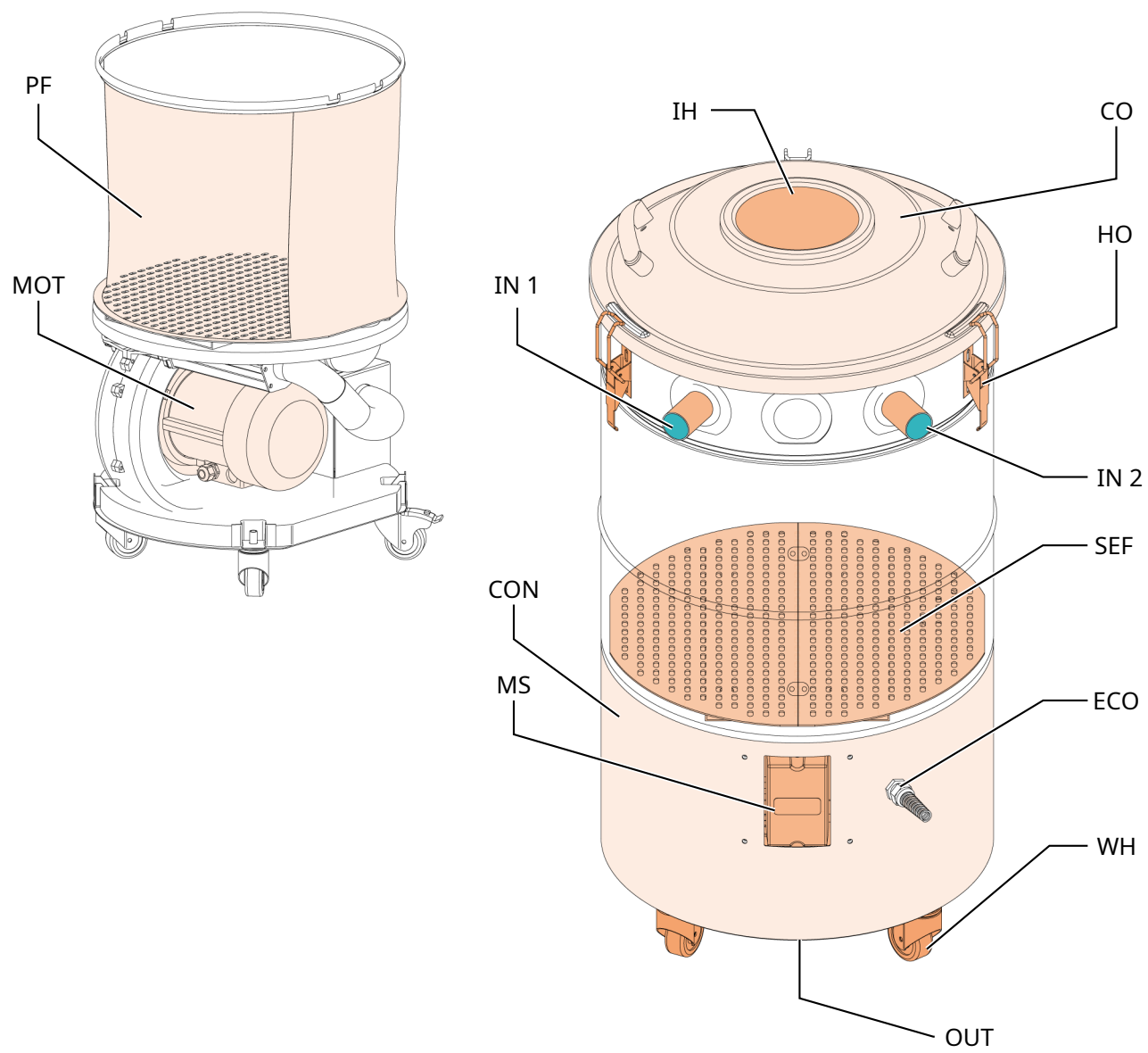
The complete vacuum cleaner is equipped with three phase motor and therefore is suitable for a "continuous" use. Besides, it is equipped with a particular filter in fabric to provide an efficient filtering system.

2.8 Applicable Directives and Standards

The vacuum cleaner has been designed in compliance with the directives and standards described in the chapters 'EU Declaration of Conformity' and 'UK Declaration of Conformity'.

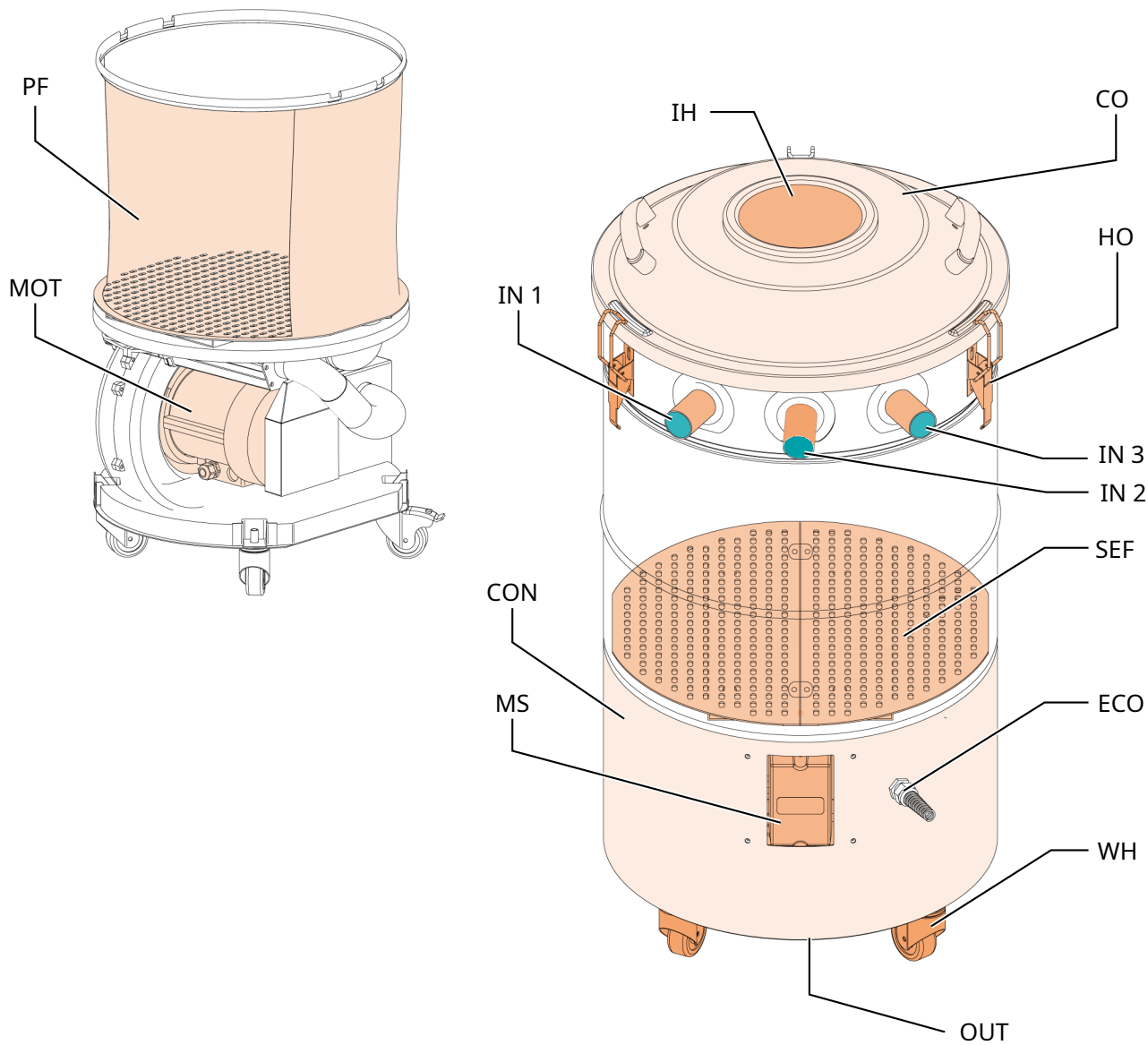
3 Product Description

PHENIX SR 0400 E



Description			
IN 1	Inlet connection (Inlet)	IN 2	Inlet connection (Inlet)
OUT	Exhaust connection (Outlet)	CO	Cover
CON	Container	ECO	Electrical connection
HO	Hook	IH	Inspection hole
MOT	Motor	MS	Magnetothermal switch
PF	Primary filter	SEF	Secondary filter
WH	Wheels		

PHENIX SR 0500 A



Description			
IN 1	Inlet connection (Inlet)	IN 2	Inlet connection (Inlet)
IN 3	Inlet connection (Inlet)	OUT	Exhaust connection (Outlet)
CO	Cover	CON	Container
ECO	Electrical connection	HO	Hook
IH	Inspection hole	MOT	Motor
MS	Magnetothermal switch	PF	Primary filter
SEF	Secondary filter	WH	Wheels

3.1 Operating Principle

The PHENIX vacuum cleaners of Busch vacuum solutions collect the products by means of a strong airflow created by an integrated side channel blower.

The product is vacuumed inside the vacuum cleaner and deposits on the primary filter.

After vacuuming, it is possible to take the filter out and clear away the product.

These vacuum cleaners are appliances designed for industrial use under the environmental conditions described in this instruction manual.

Any other use is considered **“Improper Use”**.

Only authorized and properly trained personnel with recognized competences in the specific field must be allowed to use the vacuum cleaner and to carry out maintenance and reparation works. It is also very important to observe all the accident-prevention rules and all the laws in force for ensuring safe and correct work.



NOTICE

All attempts by the user or by unauthorized personnel to demount, modify or, more generally, tamper with any part of the machine, except for ordinary maintenance works, are forbidden. All modifications which are not carried out by the manufacturer or authorized After Sales Services automatically void any kind of guaranty.

3.2 Improper Use

Never use the vacuum cleaner for different uses than those for which it is designed for.

Never use the vacuum cleaner when the environmental conditions are different from those acceptable.

Only use manufacturer-authorized spare parts.

Only use advised accessories which are suitable for the machine they will be fitted to.



WARNING

In case of improper use, Busch Vacuum Solutions denies any liability for possible damages to people or things and makes automatically void any guarantee. Never use the machine with accessories that are not original or that are not authorized by the Manufacturer.



WARNING

It is strictly forbidden to pump:

- Hybrid moistures (gas and dusts).
- Substances that can break out a fire.
- Toxic substances, bad for the human's health, radioactive or bio-fouling substances.



WARNING

It is strictly forbidden:

- to make any services on the machine, if in presence of uncertain situations.
- to use the machine without its protection carters or with safety devices which have been tampered with, or damaged or faulty.

3.3 Residual Hazards

The accurate evaluation of the risks developed by the Manufacturer and filed in the technical supplement, has given the opportunity to eliminate the most part of the risks related to the conditions of use of the vacuum cleaner.

The Manufacturer advises to strictly comply with the instructions, procedures and recommendations mentioned in this manual and with the laws in force in terms of safety, included the use of specific protection devices, both integrated in the vacuum cleaner and individual protecting devices. Possible residual hazards can be:

- **Electric risks during maintenance works due to the necessity to operate under power.**

Under the law D.LGs. 81/2008, only authorized and trained personnel can work under power source and in any case within the recommendation of the double earth insulation.

- **Risk of accidental vacuuming of explosive or flammables substances.**

Do not use the vacuum cleaner in environments containing liquid substances that can vaporize in condition of room temperature and do not use the vacuum cleaner to vacuum flammable dust and gases.

- **Possible hazards in dump areas.**

Fulfil the parameter mentioned in this manual under the environmental conditions of use allowed.

- **Risk of misinterpretation of the safety pictograms.**

As a consequence of the risks and of their detection, the Manufacturer has placed on the vacuum cleaner different warning stickers established in compliance with the regulation in force on the graphic symbols that shall be used. The machine operator must replace the safety plates in case they becomes illegible because of the wearing effect of time or because damaged.



WARNING

It is strictly forbidden to remove the warning stickers placed on the vacuum cleaner. The manufacturer denies any liability for the safety of the vacuum cleaner in case of failure to comply with this ban.

3.4 Safety Prescription

Machine operators must be people who have been specially trained for the purpose and who have read and understood the instructions of this manual.

The employer must inform and train the machine operator according to the laws in force.

Safe and successful operation of your vacuum cleaner is in the hands of the personnel that works with it every day.

- Never use the vacuum cleaner without the cable supplied with it.
- If the filters are not correctly installed, the product can bypass the filter and collect at the bottom of the unit.
- Make sure that the parked vacuum cleaner is steady on its 2 braked wheels.
- Do not place any objects on the protective casings. Watch out for other people when using the vacuum cleaner.
- Carefully move the vacuum cleaner on inclined floors and ramps and avoid changing direction abruptly.
- During use, watch out for the electric cables connected to the main power so to avoid crushes and tears.
- Regularly check that the electric cable does not show signs of damage or excessive wear.
- The vacuum cleaner must not be used if the cable is damaged. Always protect the vacuum cleaner from water sprays, when replacing cables, plugs, joints and always ensure the strength.

- It is forbidden to pull the vacuum cleaner by the electrical cable or the inlet hose.
- Keep the vacuum cleaner tidy from foreign objects, like debris, oil, tools and other materials that could jeopardize the running and cause hazards and damage for the machine operators and other people.
- Never touch the electric wires, switches, buttons, etc... with wet hands.
- Before plugging the vacuum cleaner into the electricity mains, make sure that the voltage rating and the frequency indicated on the machine plate correspond to those of the electricity mains.

If an extension lead is used:

- Make sure that it is in perfect condition, it has got the CE mark, and it is fit for the power draw of the vacuum cleaner.
- Only adults are allowed to operate with the vacuum cleaner.
- Do not climb up the vacuum cleaner.
- Never keep on items of clothing which are unbutton or dangling like ties, scarves, shoes, torn clothes that could snag on or be caught by the vacuum cleaner.
- Stop the vacuum cleaner before removing the waste container.
- The lighting where the machine is installed is an important issue both for safety and quality.
- Keep this manual at hand in a convenient location for consultation to everybody, so to check the correct use in case of doubts.
- Should this manual be lost or damaged, ask Busch Vacuum Solutions an equivalent copy.
- After 10 years of use, it is advisable to ask to have your vacuum cleaner serviced by Busch Vacuum Solutions.



NOTE

At the end of its working life, the vacuum cleaner shall be disposed of in compliance with the current laws in force.

The waste of the electric equipment can contain dangerous substances.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, dispose of the different parts of the vacuum cleaner and separate them from other types of wastes.



DANGER

The indications above cannot be kept away from all dangers arising from the use of the vacuum cleaner; they shall be completed common sense and by own experience of who operates with the vacuum cleaner, the sole preventative measures against accidents.

In each section there are listed additional safety prescriptions specific to the different operations.

4 Transport and Handling



WARNING

Always use lifting devices with suitable loading capacity for the weight to lift up.

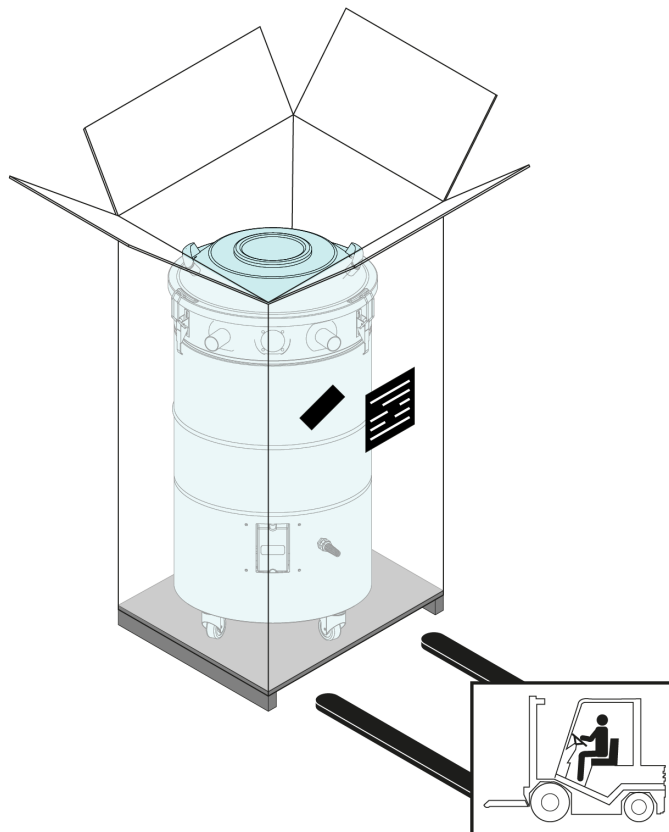
Risk of injuries!

Handling the vacuum cleaner

Use a lift truck to lift and transport the vacuum cleaner.

Proceed as indicated.

- Adjust the distance between the forks
- Completely Insert the forks under the pallet
- Lift the package of about 20 cm from floor and draw the load towards the operator.
- Move to the destined placed
- Softly pull down the forks till when the load lays on the floor
- Lightly tilt the post forward to free the forks and carefully drive back avoiding to hit the package



CAUTION



Risk of injuries!

Wood and nails could cause serious wounds

- Use personal protective gloves

Unpacking the machine

The vacuum cleaner travels into wooden case or on pallets. In case the vacuum cleaner has been packed on pallet:

- Take away the cardboard protection,
- Remove the fixing straps and finally take the vacuum cleaner out.

**NOTE**

Separate the packing materials according to their nature and dispose them in compliance with the laws in force.

5 Installation

Shipment checking

The vacuum cleaner has been properly packed by the manufacturer so that to protect it from crashes during transportation. When unpacking the vacuum cleaner, check the integrity of all its components and handle the vacuum cleaner as per the recommended instructions written on the package self.



NOTE

In case parts are damaged or missing, contact the manufacturer so that to agree relative procedures for problems solving. Keep the packing material for eventually reuse it.



NOTICE

The equipment must be installed by qualified machine operators who have read and understood the given instructions. The final user is responsible to make sure that the installation has been carried out in compliance with the specific laws in force.

Prior operations before the installation

The installation of the vacuum cleaner is not a difficult operation, but it requires planning to determine the best installation area.

In case of fixed positioning, allow space around the vacuum cleaner for ease of operation and maintenance operations.

Connecting to the electricity main power

The three phase vacuum cleaner is supplied with electric cable 9 meters long.

The cable will be connected to a power socket that must be protected by a differential thermal-magnetic circuit-breaker.



DANGER



Only authorized personnel must be allowed to work on the electrical parts of the vacuum cleaner

6 Electrical Connection



DANGER



Only authorized personnel must be allowed to work on the electrical parts of the vacuum cleaner



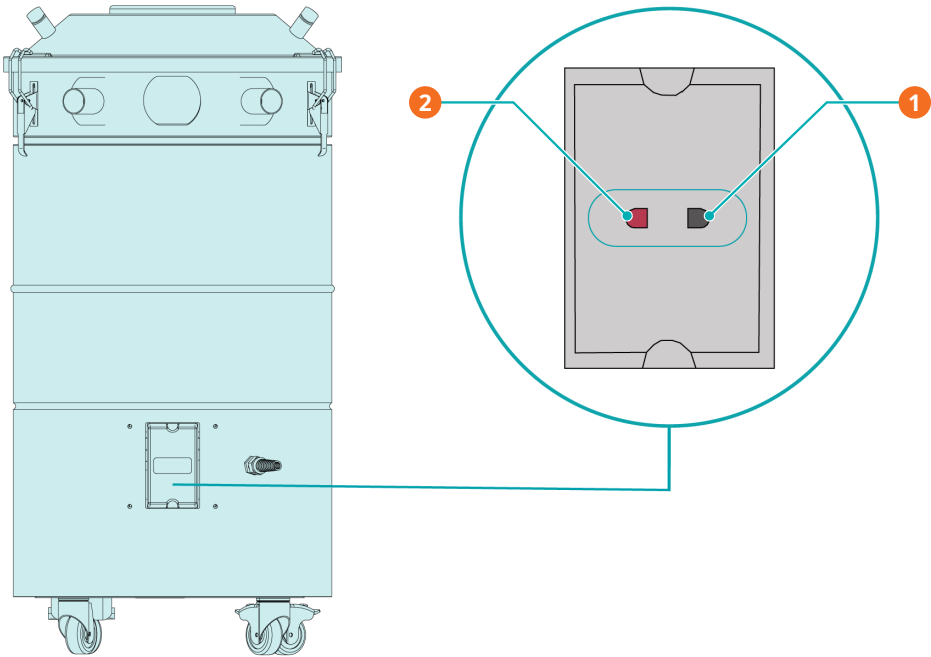
WARNING

Only authorized personnel must be allowed to work on the electrical parts of the vacuum cleaner.

6.1 Description of Controls

Start and Stop

- To stop the vacuum cleaner, turn the on/off switches on position "0".
- To start the vacuum cleaner, turn the on/off switches on position "1".



Description			
1	Black key: vacuuming ON	2	Red key: vacuuming OFF

The **ON/OFF switch** serves to start and stop the vacuum cleaner.



WARNING

When the extractor is running, regularly check through the inspection hole how the filter is full; if it is full, provide for its emptying.

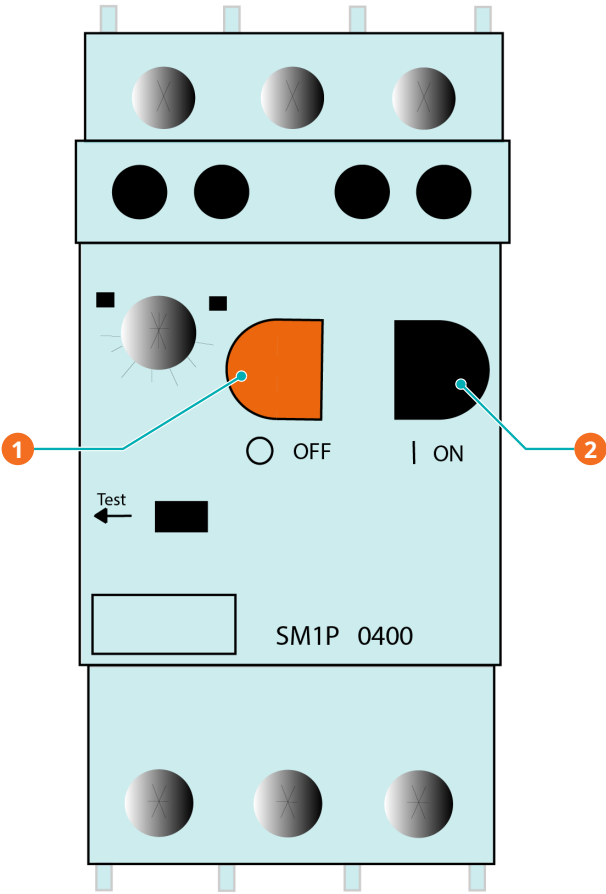
- Make sure that the power supply for the motor is compatible with the data on the name plate of the motor.
- If the machine is equipped with a power connector, install a residual current protective device to protect persons in case of isolation default.
 - Busch recommends installing a type B residual protective device suitable for the electrical installation.
- Provide a lockable disconnect switch or an emergency stop switch on the power line so that the machine is completely secured in case of an emergency situation.

The machine is equipped with an overload protection for the motor according to EN 60204-1.

The machine is equipped with a lockable disconnecting switch to ensure complete protection against unintentional startup during maintenance procedures.

- Ensure the motor protection circuit breaker is set to the OFF position throughout the maintenance process. This measure guarantees that the machine remains securely deactivated, preventing any unintended operation.

When the red OFF button is pressed inward, the black ON button is automatically pushed outward. The ON button features a locking hole designed for additional safety. By inserting a lock through this hole while the ON button is in the outward position, it becomes impossible to reactivate the pump. This lockout mechanism ensures that the machine is fully secured against inadvertent start-up, providing a fail-safe for maintenance personnel.



Description			
1	"OFF" position	2	"ON" position

6.2 Inspections Prior to Starting

Prior to starting, check that:

- The electrical cable is in perfect condition
- The filters do not present any sign of damage
- The vacuum hose has been correctly fitted into the inlet
- The voltage rating of the vacuum cleaner corresponds to that of the electricity supply
- The protection devices are installed and in perfect condition
- The accessories and the optional are compatible with the vacuumed materials and with the machine they are fitted to.

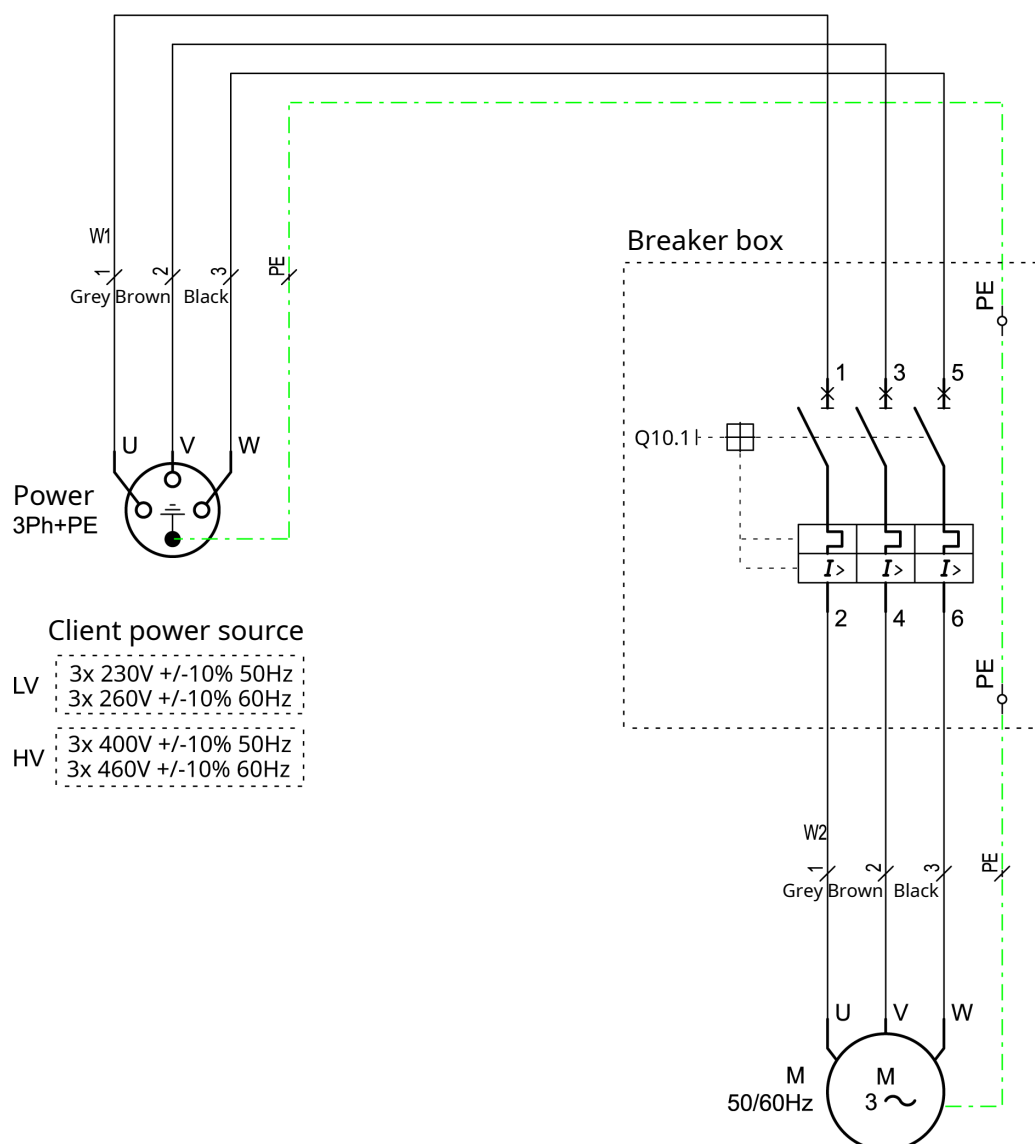
6.3 Changing the Process

To prevent products from becoming contaminated when changed, it is necessary to clean:

- The filter
- The container inside
- The flexible inlet hose

6.4 Electrical Drawing

PHENIX SR 0400 E / SR 0500 A



NOTE

After connecting the electrical supply, verify that the blower is rotating in the correct direction, ensuring that the PHENIX unit is drawing air into the system.

7 Maintenance

The correct use and servicing are essential if the efficiency and safety are to be guaranteed.



NOTE

The non-observation of the maintenance services described in this manual automatically voids all types of guaranty.



WARNING

Switch off the vacuum cleaner and disconnect it from its power source before cleaning and servicing; the operator shall keep the full control of the machine plug.

7.1 Maintenance Services Summary

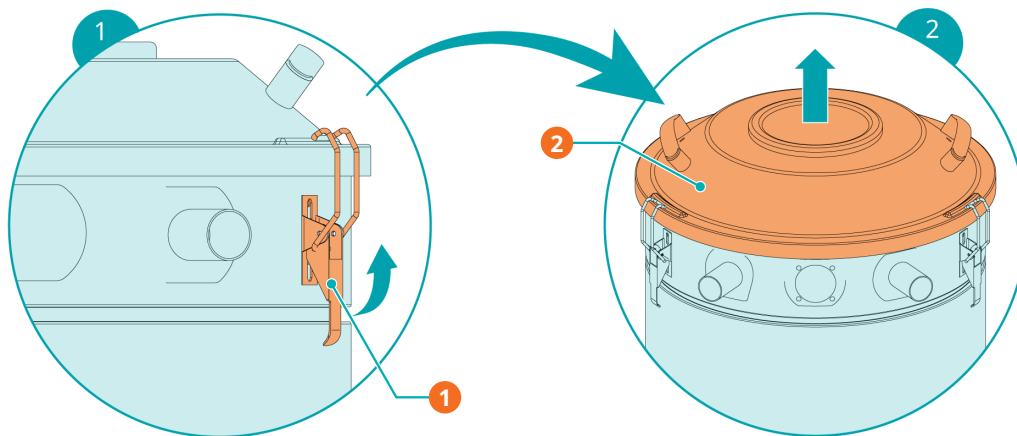
Strictly comply with the following operations to ensure that your vacuum cleaner remains in a constantly reliable condition.

Interval	Maintenance work
Every 200 operating hours	• Check condition of the seals. • Make sure that the flexible hoses are in a good condition. • Check condition of the power cable. • Check condition of the primary filter.

7.2 How to Replace the Primary Filter

Check the primary filter condition and if necessary, replace it as follows:

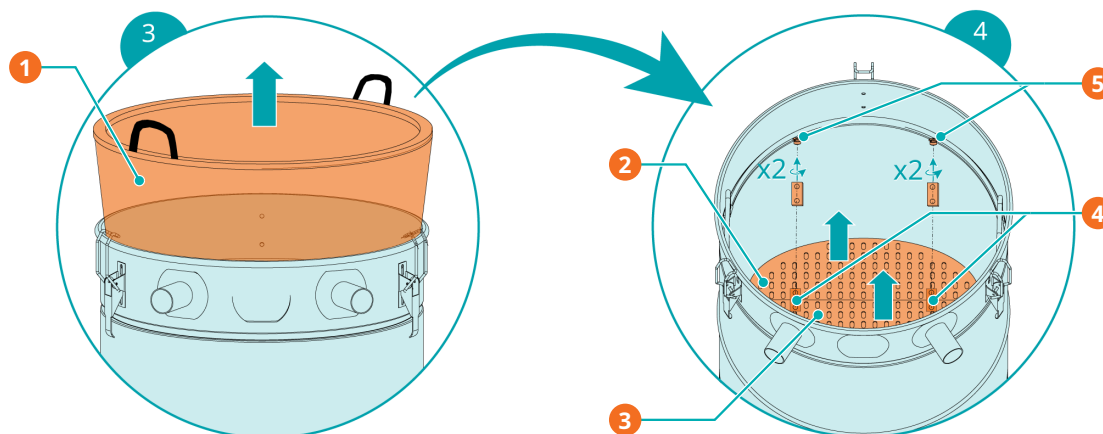
- Switch off and disconnect the vacuum cleaner from the electrical mains.
- Remove the 3 fixing hooks (FXH).
- Lift the cover (CO).



Description

1	Fixing hook (FXH)	2	Cover (CO)
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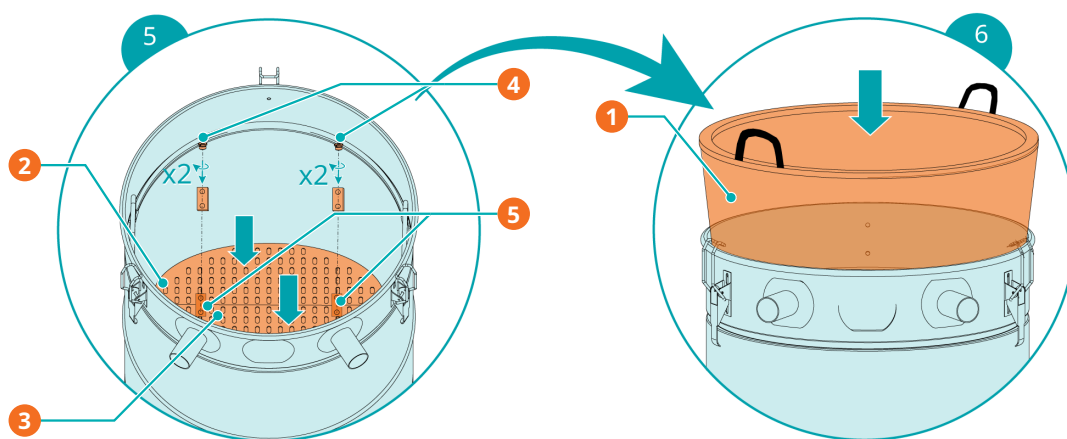
- Remove the filter (FIL) from the upper part of the container.
- Check the conditions of the eventually secondary filters (SEF 1 & 2):
by removing the 4 head cap screws and the 2 fixing plates then the two secondary filters (SEF 1 & 2) and if needed, clean it out of eventual product residues.



Description

1	Filter (FIL)	2	Secondary filter 1 (SEF 1)
3	Secondary filter 2 (SEF 2)	4	Fixing plates (x 2)
5	Head cap screw (x 2 each plate)		

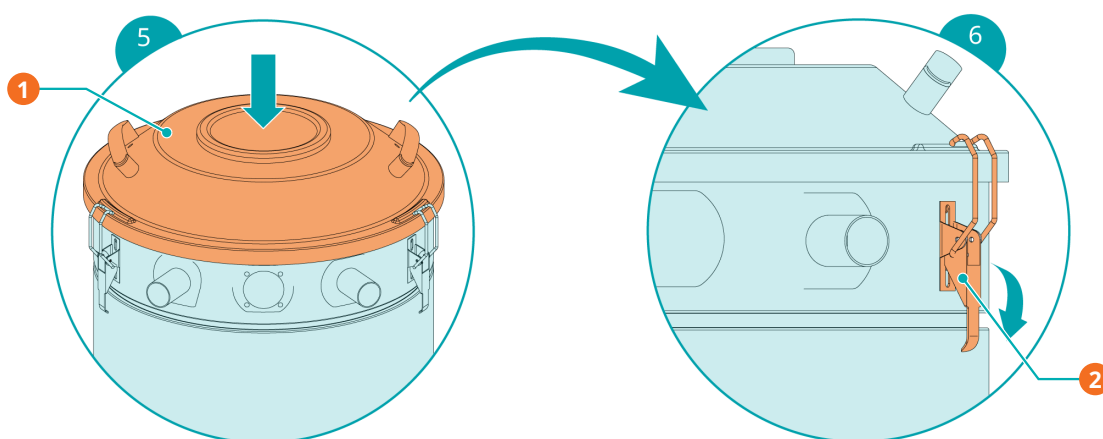
- Then remount the secondary filters (SEF 1 & 2), then the 2 fixing plates and the 4 head cap screws.
- After you have emptied or replaced the filter (FIL), put it inside the container supported on the ledge 3-4 cm from the upper edge of the container.



Description

1	Filter (FIL)	2	Secondary filter 1 (SEF 1)
3	Secondary filter 2 (SEF 2)	4	Head cap screw (x 2 each plate)
5	Fixing plates (x 2)		

- Put the cover (CO) back.
- Close the 3 fixing hooks (FXH).



Description

1	Cover (CO)	2	Fixing hook (FXH) (x 3)
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8 Options and Accessories

Includes all possible options and accessories for the different vacuum cleaners. For their installation, use and servicing, refer to the instructions which come along with the supplied options and accessories.

Description	Part Number PHENIX SR 0400 E	Height mm]	Diameter [mm]	Real volume [l]
Mesh bag	0537245515	400	490	75
Mesh basket, stainless steel	0920245441	361.5	446	55

Description	Part Number PHENIX SR 0500 A	Height mm]	Diameter [mm]	Real volume [l]
Mesh bag	2000292099	450	540	100
Mesh basket, stainless steel	2000292996	357	506	70

9 Troubleshooting

The indications described in the table have got the aim to help the users in finding out possible troubleshooting.

Problem	Possible causes	Possible remedies
Reduced vacuuming capacity	The waste bin is full.	• Empty the container.
	Broken seals or worn out.	• Change the seals.
	Container not closed tight.	• Check condition of the seals.
	Clogged inlet hose.	• Clean the hose.
	Inlet hose not completely connected to.	• Check hose connection.
Vacuuming completely missed	Missing of power supply.	• Check that electric power reaches the electrical panel.
	The motor is burned out.	• Check the reasons why and replace the motor.
	Electrical connections are disconnected.	• Check electrical connections and connect them.
	Voltage not correct.	• Check the data shown in the identification plate and, if needed, contact the nearest After Sales Service.

10 Technical Data

The table represents the technical data and the vacuum cleaner performances.

Description		SR 0400 E (50 Hz)	SR 0400 E (60 Hz)	SR 0500 A (50 Hz)	SR 0500 A (60 Hz)
Nominal motor rating	kW	1.5	1.75	2.2	2.55
Nominal motor speed	min ⁻¹	2879	3476	2844	3457
Nominal pumping speed	m ³ /h	230	275	300	355
Max. differential pressure	hPa (mbar)	180	180	180	160
Sound pressure level (ISO 2151), KpA = 3 dB	dB(A)	68	71	70	73
Gas inlet	mm	2 x Ø40		3 x Ø40	
Weight approx.	kg	65		80	

Environmental conditions of use

Unless established differently in order, the vacuum cleaner is designed to operate in the following environmental conditions:

- Altitude: no more than **800 m**.
- Room temperature:

Minimum: **5°C**

Maximum: **+40°C**

- Relative humidity: not more than **50%** at **40°C**

Vibrations

The vibrations transmitted by the vacuum cleaner are not significant and, in any case, less than 2,5 mm/s.

Gas or radiation emissions

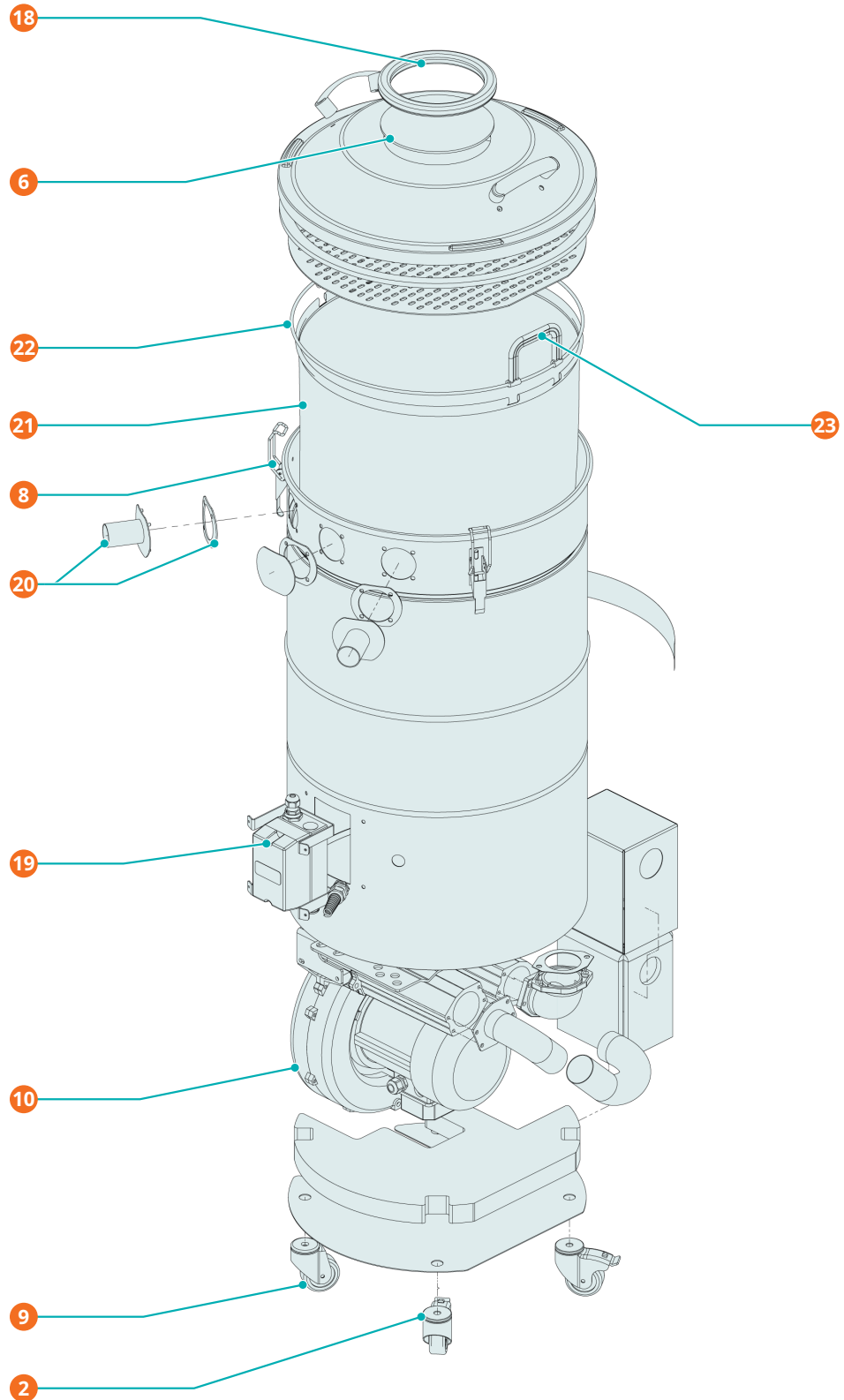
The vacuum cleaner does not emit gas or harmful radiations.

Electromagnetic fields

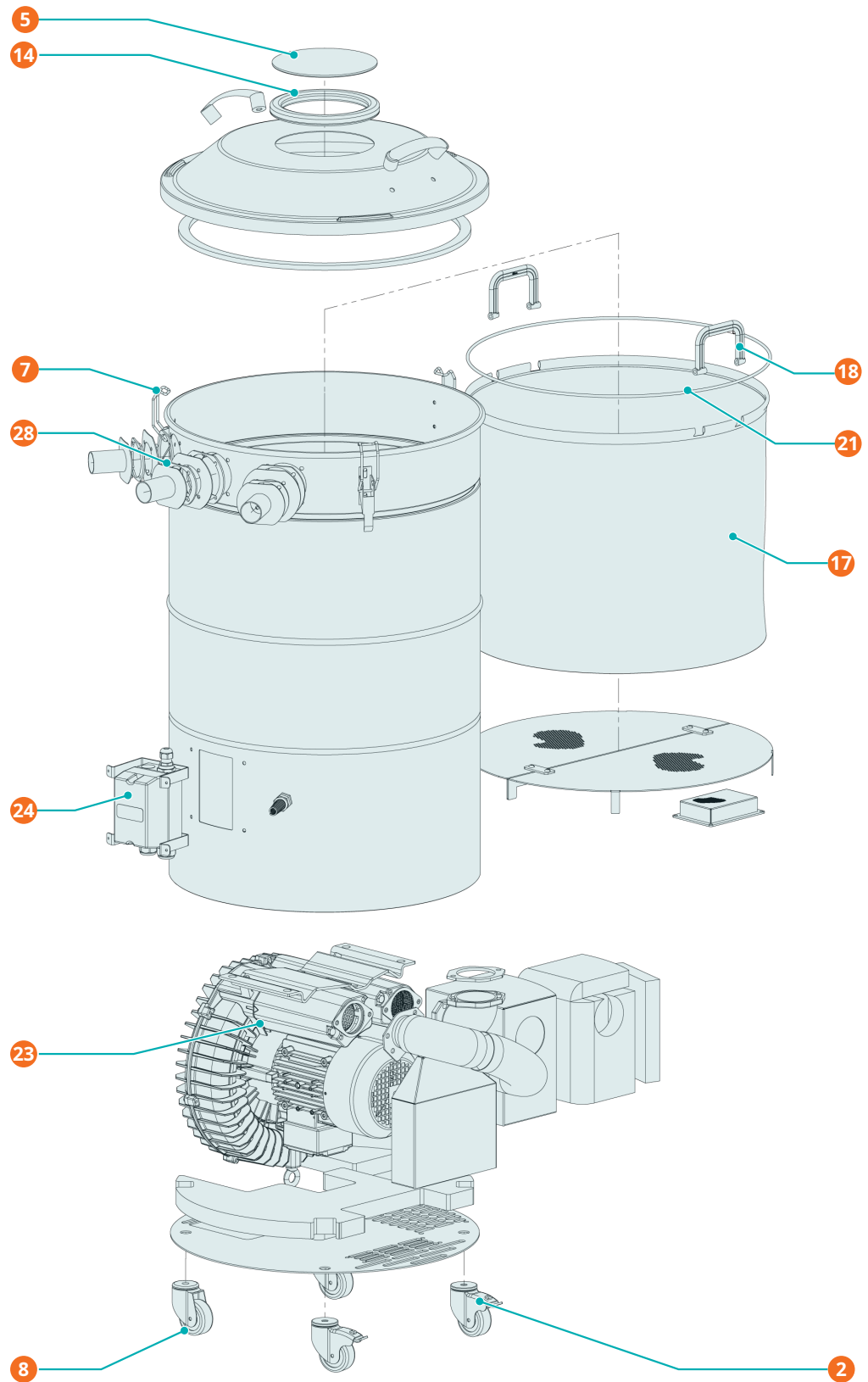
The high frequency electromagnetic fields are not significant.

11 Exploded View and Overall Dimensions

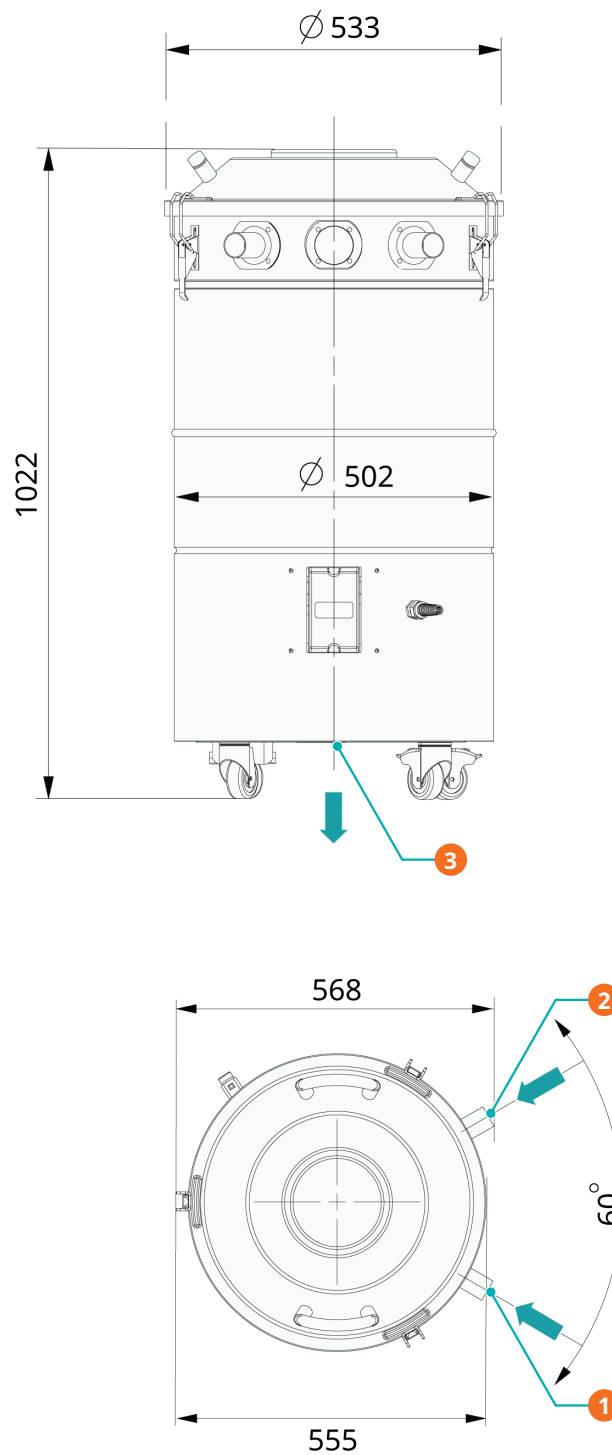
PHENIX SR 0400 E



Position	Part number	Description	Qty.
2	0568246205	Pivoting wheel - brake supports	2
6	0713246232	Porthole	1
8	0563246180	Hat Closing Hook	3
9	0568246203	Pivoting wheel	2
10	0910246201	Blower	1
18	0482246233	Gasket for porthole	1
19	0648246198	Housing for SM1P	1
	0640246200	Main switch – Low Voltage	
	2000210503	Main switch – High Voltage	
20	0930245447	D40 mm inlet with gasket	2
21+22+23	2000206228	Spare nylon filter bag assembly	1

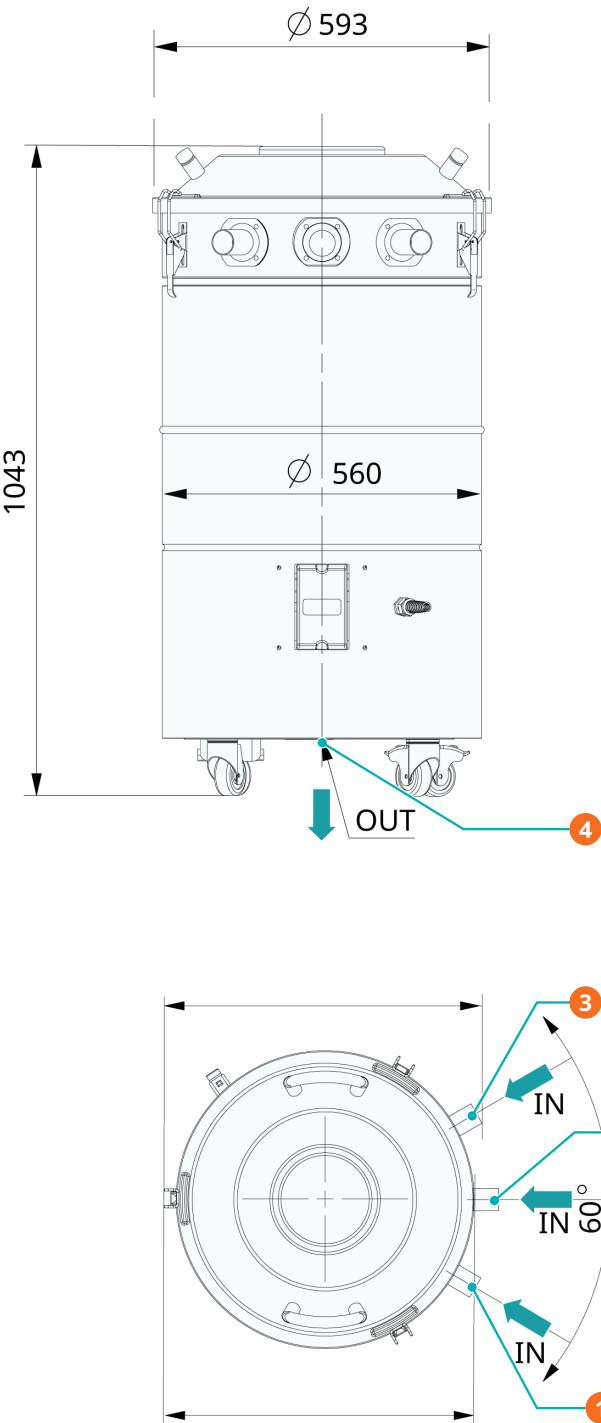
PHENIX SR 0500 A

Position	Part number	Description	Qty.
2	0568246205	Pivoting wheel - brake supports	2
5	0713246232	Porthole	1
7	0563246180	Hat Closing Hook	3
8	0568246203	Pivoting wheel	2
23	2000293228	Blower	1
14	0482246233	Gasket for porthole	1
24	0648246198	Housing for SM1P	1
	0640246200	Main switch – Low Voltage	
	2000210503	Main switch – High Voltage	
28	2000275251	2 x D60 mm inlets with one blank and gaskets	2
28	2000275252	2 x D80 mm inlets with one blank and gaskets	2
17+18+21	2000292099	Spare nylon filter bag assembly	1

Overall dimensions PHENIX SR 0400 E:**Description**

1	IN 1: Inlet connection DN40	2	IN 2: Inlet connection DN40
3	OUT: Exhaust		

Overall dimensions PHENIX SR 0500 A:



Description			
1	IN 1: Inlet connection DN40	2	IN 2: Inlet connection DN40
3	IN 3: Inlet connection DN40	4	OUT: Exhaust

12 EU Declaration of Conformity

This Declaration of Conformity and the CE-markings affixed to the name plate are valid for the machine within the Busch scope of delivery. This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

When this machine is integrated into a superordinate machinery, the manufacturer of the superordinate machinery (this can be the operating company, too) must conduct the conformity assessment process for the superordinate machine or plant, issue the Declaration of Conformity for it and affix the CE-marking.

The manufacturer

Busch Výroba CZ s.r.o.
Svárovská 620
CZ 460 01, Liberec 11

declares that the machine: vacuum cleaner PHENIX SR 0400 E; PHENIX SR 0500 A

fulfill(s) all the relevant provisions from EU directives:

- 'Machinery Directive' 2006/42/EC, if the serial number is less than or equal to CZM126999999
- 'Machinery Regulation' (EU) 2023/1230, if the serial number is greater than or equal to CZM127000000
- 'Electromagnetic Compatibility' (EMC) 2014/30/EU
- 'RoHS' 2011/65/EU Restriction of the use of certain hazardous substances in electrical and electronic equipment (incl. all related applicable amendments)

and comply(-ies) with the following harmonized standards that have been used to fulfill those provisions:

Standard	Title of the Standard
EN ISO 12100 : 2010	Safety of machinery - Basic concepts, general principles of design
EN 60204-1 : 2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN IEC 61000-6-2 : 2019	Electromagnetic compatibility (EMC) - Generic standards. Immunity for industrial environments
EN IEC 61000-6-4 : 2019	Electromagnetic compatibility (EMC) - Generic standards. Emission standard for industrial environments

Legal person authorized to compile the technical file and authorized representative in the EU (if the manufacturer is not located in the EU):
Busch Dienste GmbH, Schauinslandstr. 1, DE-79689 Maulburg

Liberec, 2025.04.07



Michael Dostalek, General Manager
Busch Výroba CZ s.r.o.

13 UK Declaration of Conformity

This Declaration of Conformity and the UKCA-markings affixed to the name plate are valid for the machine within the Busch scope of delivery. This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

When this machine is integrated into a superordinate machinery, the manufacturer of the superordinate machinery (this can be the operating company, too) must conduct the conformity assessment process for the superordinate machine or plant, issue the Declaration of Conformity for it and affix the UKCA-marking.

The manufacturer

Busch Výroba CZ s.r.o.
Svárovská 620
CZ 460 01, Liberec 11

declares that the machine: vacuum cleaner PHENIX SR 0400 E; PHENIX SR 0500 A

fulfill(s) all the relevant provisions from UK legislations:

- Supply of Machinery (Safety) Regulations 2008
- Electromagnetic Compatibility Regulations 2016
- Restriction of the use of certain hazardous substances in Electrical and Electronic Equipment Regulations 2012

and comply(-ies) with the following designated standards that have been used to fulfill those provisions:

Standard	Title of the Standard
EN ISO 12100 : 2010	Safety of machinery - Basic concepts, general principles of design
EN 60204-1 : 2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN IEC 61000-6-2 : 2019	Electromagnetic compatibility (EMC) - Generic standards. Immunity for industrial environments
EN IEC 61000-6-4 : 2019	Electromagnetic compatibility (EMC) - Generic standards. Emission standard for industrial environments

Legal person authorized to compile the technical file and importer in the UK (if the manufacturer is not located in the UK):

Busch (UK) Ltd, 30 Hortonwood, Telford - UK

Liberec, 2025.04.07



Michael Dostalek, General Manager

Busch Výroba CZ s.r.o.

Notes

Grid of dots for notes.

BUSCH GROUP

The Busch Group is one of the world's largest manufacturers of vacuum pumps, vacuum systems, blowers, compressors and gas abatement systems. Under its umbrella, the group houses two well-known brands: Busch Vacuum Solutions and Pfeiffer Vacuum+Fab Solutions. Together, they offer solutions to a wide range of industries. A global network of highly competent local teams in 44 countries ensures that expert, tailor-made support is always available near you. Wherever you are. Whatever your business.



● Busch Group companies

▲ Busch Group production sites

● Busch Group service centers

■ Busch Group local representatives

www.buschvacuum.com

www.pfeiffer-vacuum.com