

# USER'S MANUAL AND MAINTENANCE

## M70 OIL



TRANSLATION FROM ORIGINAL INSTRUCTIONS



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## DECLARATION OF CONFORMITY

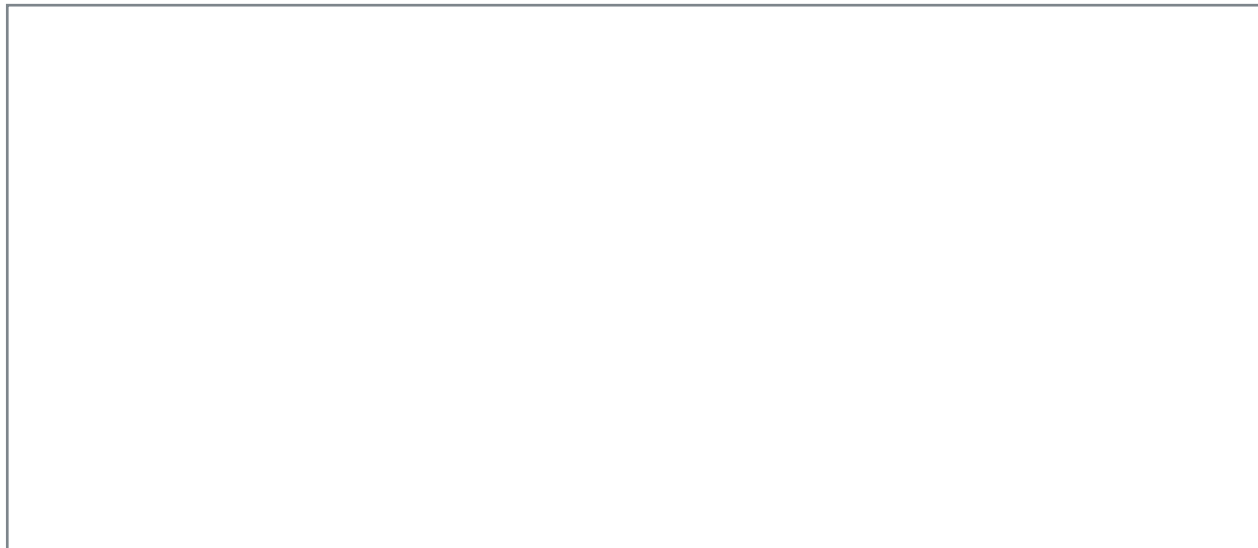
The manufacturing company:

**DEPURECO INDUSTRIAL VACUUMS S.r.l.** – Via Venezia, 32 – 10088 Volpiano (TO) – ITALIA |

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**e-mail:** [depureco@depureco.com](mailto:depureco@depureco.com) – [www.depureco.com](http://www.depureco.com)

declares under its own responsibility that the vacuum cleaner model described in this manual



complies with the essential safety requirements of the Machinery Directive 2006/42/EC, Directive 2014/30/EU on electromagnetic compatibility, Directive 2011/65/EU - ROHS - on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Compliance has been verified according to the requirements of standards or normative documents:

**UNI EN 1127-1:2019**

**UNI CEI EN ISO 80079-36:2016**

**UNI CEI EN ISO 80079-37:2016**

**Production control was carried out by Notified Body No.0474 RINA Services S.p.a.**

The standards used as reference for the design, implementation and testing of the vacuum cleaner are listed in the technical file filed at the DEPURECO S.r.l. Technical Office.

This statement loses its validity in the event of modifications on the vacuum cleaner, performed without the Manufacturer's authorization.

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PERFORMANCE ON VACUUM SINCE 1972

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# 1 INFORMATIVE SECTION

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## 1.1 PREFACE

Dear Customer

We thank you for preferring DEPURECO and congratulate you for choosing a DEPURECO M70 OIL series vacuum cleaner.

We have prepared this manual to enable you to fully appreciate the quality of this machine.

We recommend that you read it in its entirety before you approach its use for the first time.

It contains important information, tips and warnings for the use of the vacuum cleaner that will help you take full advantage of the technical qualities of your machine.

It is recommended that you carefully read the messages, warnings and directions, preceded by the symbols:



**for people's safety;**



**For the integrity of the vacuum cleaner;**



**For the preservation of the environment.**



This vacuum cleaner is designed to suck up oils, cooled liquids, emulsions and swarf and to return the filtered liquids back into the machine tool. It is equipped with an electrically operated level sensor that stops suction when the liquid level reaches the preset maximum limit, and (where provided) an internal pump for ejecting the sucked liquids.

The vacuum cleaner is mounted on sturdy wheels, one of which is equipped with a brake to lock it in place at the workplace.

This manual describes the following models:

## **M70 OIL**

The vacuum cleaner is equipped with the following filters:

### **❑ Oleophobic cartridge**

This manual provides you with all the information you need to use and maintain your vacuum cleaner.

This specific model has undergone rigorous testing to ensure maximum reliability; its smooth operation and longevity will depend on good maintenance and careful use.

This manual is an integral part of the vacuum cleaner and should accompany it, until its demolition.

In case of loss or damage, a replacement copy should be requested from DEPURECO INDUSTRIAL VACUUMS S.r.l. (hereafter referred to simply as DEPURECO).

The technical information contained in this manual is the property of DEPURECO and must be considered confidential in nature.

Reproduction, even in part, of the graphic design, text and illustrations is prohibited by law.

Some details depicted in the illustrations in this manual may differ from those in your vacuum cleaner, as some component may have been removed in order to ensure maximum clarity of the illustrations.

This manual, for ease of reference, is divided into sections identifiable by specific graphic symbolism

The topics covered in this manual, are those expressly required by the Machinery Directive 2006/42/EC and the technical data given are derived from the technical file filed at DEPURECO.





In relation to Regulation 1907/2006/EC (REACH), DEPURECO declares that its products do not contain any of the substances, so-called substances of very high concern - SVHC i.e. Substances of Very High Concern - listed in the Candidate List.

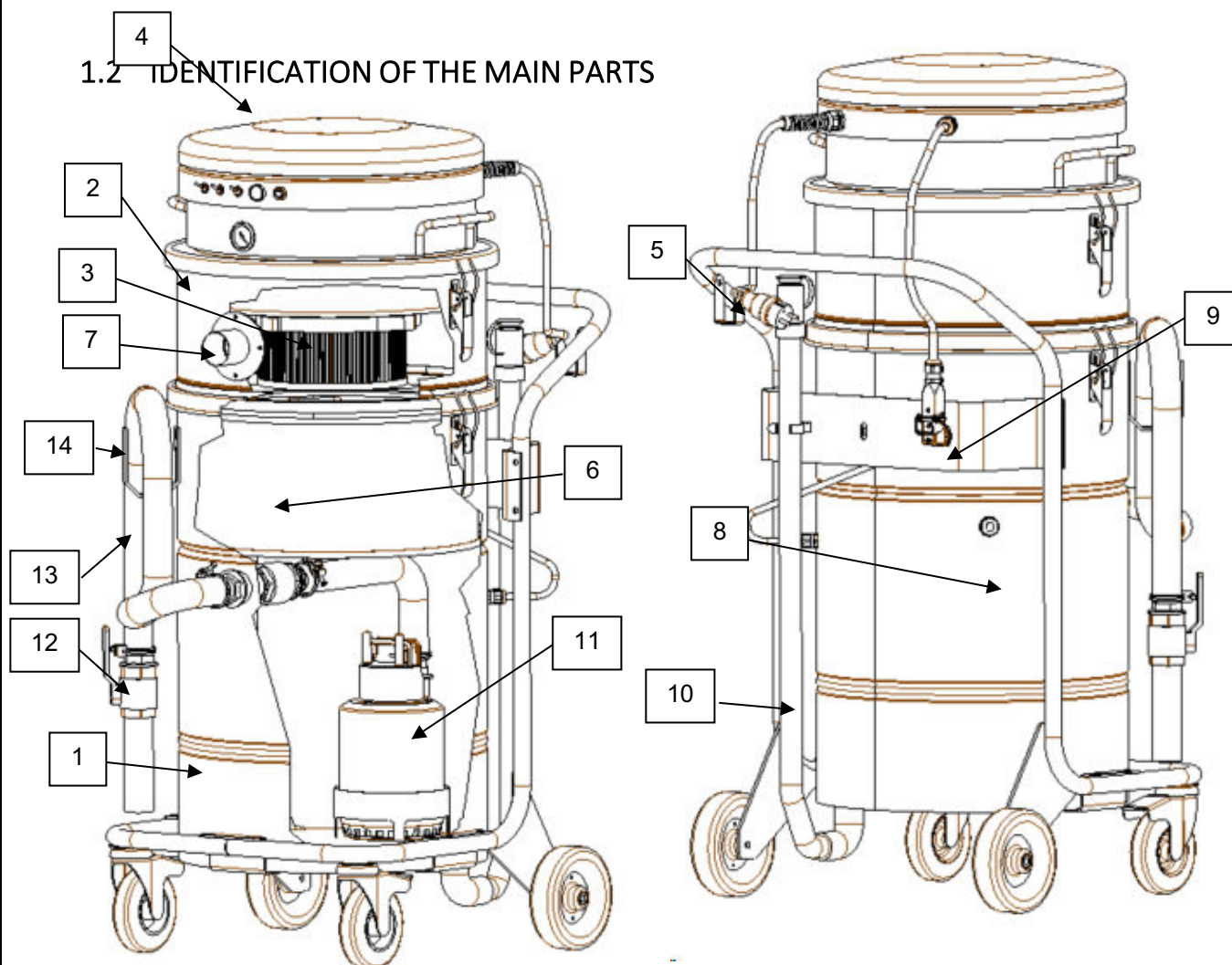
This manual should be kept in a place accessible to all personnel responsible for the operation and maintenance of the vacuum cleaner.

For any dispute, the Court of Turin (Italy) shall have jurisdiction.



**The manual must accompany the vacuum cleaner in case of resale!**

## 1.2 IDENTIFICATION OF THE MAIN PARTS



1	Collection container	8	Level indicator
2	Filter chamber	9	Detachable socket and plug
3	Filter or oleophobic cartridge	10	Drain hose (manual discharge)
4	Vacuum head	11	Drain pump (where applicable)
5	Chassis	12	Exhaust pipe (where applicable)
6	Collection basket	13	Discharge pump valve (where applicable)
7	Suction nozzle (material inlet)	14	Hook for exhaust pipe (where provided)



### 1.3 OPTIONAL PARTS

Depending on the application of the vacuum cleaner, a wide range of other optional accessories is available from DEPURECO.

### 1.4 MANUFACTURER'S IDENTIFICATION DATA

#### **DEPURECO INDUSTRIAL VACUUMS S.r.l.**

Via Venezia, 32 - 10088 Volpiano (TO) - ITALIA

tel. +39 011 98 59 117

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e-mail: [depureco@depureco.com](mailto:depureco@depureco.com)

website: [www.depureco.com](http://www.depureco.com)

P.I. 02258610357

### 1.5 IDENTIFICATION PLATE

The information on the vacuum cleaner's nameplate should always be cited in any communication with the manufacturer or dealer.

		<b>DEPURECO</b>		Via Venezia, 32, 10088, Volpiano Tel. 011 98 59 117   Fax. 011 98 59 326 <a href="http://www.depureco.com">www.depureco.com</a> MADE IN ITALY		
Model		Serial No.		 		
Dust class	IP	Kg	Year			



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## 1.6 INTENDED USES

These vacuum cleaners are constructed and designed in accordance with Directive 2006/42/EC (Machinery Directive) for professional industrial use only; however, for purposes other than normal domestic use.

This model of vacuum cleaner is designed, constructed and protected for the exclusive professional industrial use of vacuuming dry and/or wet, non-flammable and non-harmful dust and chips.

The vacuum cleaner is designed to be used by a single operator.

A different use is considered **IMPROPER**

## 1.7 PERMITTED ENVIRONMENTAL CONDITIONS

To ensure proper operation, the vacuum cleaner must be located away from the weather (rain, hail, snow, fog, suspended dust, etc.) with an ambient temperature between 5° and 45°C and humidity not exceeding 70%.

The working environment must be clean, sufficiently bright and in the absence of a potentially explosive atmosphere.



## 1.8 NOISE LEVEL

Phonometric tests carried out on this specific vacuum cleaner model show a sound pressure level of

**M70 OIL**

**70 dB(A)**



### **Caution.**

**For sound pressure levels above 85 dB(A), workers exposed to must be protected by appropriate personal protective equipment (PPE), such as approved individual hearing protectors.**



**For such conditions, it is necessary to provide workers with training and information on the risks of noise exposure**



## 1.9 TECHNICAL DATA

Features	Units	M70 OIL
Weight *	Kg	60
Overall dimensions ** L x P	mm	565X770
Dimensioni di ingombro ** H	mm	1210
Supply voltage	V - Hz	400 – 50/60
Power	kW - HP	2,3 / 3,5
Maximum vacuum	mbar	250
Air flow rate	m³/h	380
Noise	dB (A)	70
Suction mouth diameter	mm	50
Tank capacity	L	70
Basket capacity	L	40

(\*) weight without packaging - packaging weight = 18 kg

(\*\*) machine footprint without packaging



## 1.10 WARRANTY

DEPURECO guarantees this vacuum cleaner model for a period of 12 months from the date of purchase, indicated on the fiscal document when the product is delivered.

The warranty shall be void if the vacuum cleaner has been repaired by unauthorized third parties or if equipment, accessories or components not supplied or authorized by DEPURECO or for which the serial number is found to have been removed (during the warranty period) are used.

DEPURECO agrees to repair or replace free of charge those parts or components that within the warranty period prove to be defective from manufacture.

The repair is carried out exclusively at our headquarters or at the Service Center indicated by us and must be received carriage paid (transportation costs to be paid by the user, unless otherwise agreed).

The warranty does not cover the cleaning of working parts.

The purchase tax document must be shown to the authorized technical personnel performing the repair or must accompany the vacuum cleaner in shipment.

Defects not clearly attributed to material or manufacture will be examined exclusively at our office or at the Technical Service Center indicated by us.

Should the claim prove to be unjustified, all costs of repair and/or replacement of parts, will be charged to the purchaser.

However, the following are excluded from the warranty: accidental damage due to transportation, carelessness or inadequate treatment, improper use, not in accordance with the warnings given in this booklet, or derived from phenomena not dependent on the normal use/operation of the vacuum cleaner.

DEPURECO declines any responsibility for any damage to persons or property, caused by bad or imperfect use of the vacuum cleaner.

For any dispute, the Court of Turin (Italy) is competent.



*In caso di dubbi non interpretate!  
Telefonate immediatamente al Vostro rivenditore.*



**To take advantage of the warranty, you must photocopy the appropriate form located on the last page of this manual, fill it in completely (preferably in block letters), and fax it to DEPURECO at +39 011 9859 326**





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## 2 SAFETY SECTION

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### 2.1 SAFETY INFORMATION



Pursuant to Legislative Decree 81/08 and subsequent additions and amendments, the Safety Officer is obliged to educate, inform and train workers on the risks associated with the use of the vacuum cleaner so that they are able to protect their own and others' safety.

Failure to observe basic safety rules or precautions, could result in accidents during the use, maintenance and repair of the vacuum cleaner. An accident can often be avoided by recognizing potential dangerous situations before they occur. Proper training is a prerequisite for this.

Under no circumstances can DEPURECO be held responsible for accidents or damage resulting from the use of the vacuum cleaner by personnel who have not been adequately trained or who have misused it, as well as from failure to comply, even partially, with the accident prevention regulations and intervention procedures contained in this manual.

Safety precautions and warnings are given in this manual and on the product itself.

Failure to heed these warning messages can result in accidents with serious consequences for oneself and others.

Safety messages are highlighted with the following symbology:



**Warning!**

**These messages, if not observed, could cause harm to the operator.**



**Warning!**

**These messages, if not observed, could cause damage to the vacuum cleaner.**



### **Warning!**

**These messages, if not observed, could cause damage to the environment.**

DEPURECO carefully designs and manufactures the equipment and its accessories, identifying and compensating for all possible risks associated with its use. In the event that tools, procedures, working methods or techniques are used, which are not explicitly provided for by DEPURECO, it will be necessary to ascertain in advance, that there are no dangers to oneself and others, with DEPURECO's responsibility remaining excluded in any case.



### **Utilizzate esclusivamente ricambi originali DEPURECO**

La Depureco declina ogni responsabilità  
per l'uso di ricambi non originali.



## 2.2 SAFETY PRESCRIPTIONS



### **Caution!**

**The directions below play an important role in completely preserving you from all the hazards you may incur when operating the vacuum cleaner. However, they cannot be divorced from the skill and common sense of the operator as an overall framework for careful accident prevention.**

**Additional safety requirements specific to different operations are listed in each section.**

# CAUTION!

- The use of this vacuum cleaner is allowed for adult, properly trained persons.
- This vacuum cleaner is suitable for industrial use, for example: factories, warehouses, workshops.
- Make the electrical connection to an efficiently grounded network.
- This vacuum cleaner is not intended for use in corrosive or explosive environments.
- Keep the vacuum cleaner clean of foreign materials such as debris, oil, tools and other objects that could damage operation and cause personal injury.
- Avoid using flammable or toxic solvents such as gasoline, benzene, ether and alcohol for cleaning.
- Avoid prolonged contact with solvents and inhalation of their vapors.
- Avoid use near open flames or heat sources; ensure adequate ventilation.
- Never use the vacuum cleaner without the mist filter.
- Do not vacuum lit cigarette butts: you may ignite the safety filter.
- Do not vacuum gasoline or generally flammable liquids.
- Make sure that all guards and protections are in place and that all safety devices are present and efficient.



- 
- Do not use the vacuum cleaner on uneven or sloping surfaces
  - Do not wear loose or dangling garments such as ties, scarves, torn clothing that may snag or be caught by the vacuum cleaner.
  - Do not move the vacuum cleaner by pulling it by the power cord
  - Extension lines, plug-in connection devices and adapters are not allowed.
  - Do not remove the hopper cover when the vacuum cleaner is in operation
  - It is forbidden to climb on the vacuum cleaner.
  - Do not touch electrical wires, switches, buttons, etc. with wet hands.
  - Check the integrity of the power cord periodically.
  - When using the industrial vacuum cleaner, some components (motor terminal board, motor body in particular) may reach high temperatures.
  - During operations to restore the original working conditions, the personnel in charge must verify that at the end of the operating procedure, the normal safe operating conditions of the vacuum cleaner and in particular the safety devices and protective guards affected by the operation are again guaranteed.
  - In case the Customer installs on the vacuum cleaner a tool not supplied by DEPURECO, it is necessary to verify that the safety conditions, required by the Machinery Directive 2006/42/CE, are maintained and in any case DEPURECO does not take responsibility for any inconvenience resulting from the use of such part.
  - Structural damage, modifications, alterations or improper repair may change the protective capabilities of the vacuum cleaner thus nullifying this certification and excluding any liability on the part of DEPURECO.
  - This manual should always be at hand for reference on the intended operating cycle and whenever in doubt.
  - If it is lost or damaged, a replacement copy should be requested from DEPURECO.

**WARNING.**

**This vacuum cleaner may contain dust harmful to health.**



**Chamber emptying procedures and maintenance should be performed only by trained personnel wearing proper protective equipment.**

**Never operate the vacuum cleaner without a complete filtration system.**

**This manual should always be available for reference on the intended operating cycle and whenever in doubt.**

**If it is lost or damaged, a replacement copy should be requested from DEPURECO.**



## 2.3 SAFETY PLATES AND SYMBOLS

Labels bearing safety symbols and/or messages are affixed to the vacuum cleaner and packaging.

These pages indicate their exact location and nature of the hazard.

### Warning!

Make sure all safety messages are readable.

Clean them using a cloth, soap and water. Do not use solvents, naphtha or gasoline.



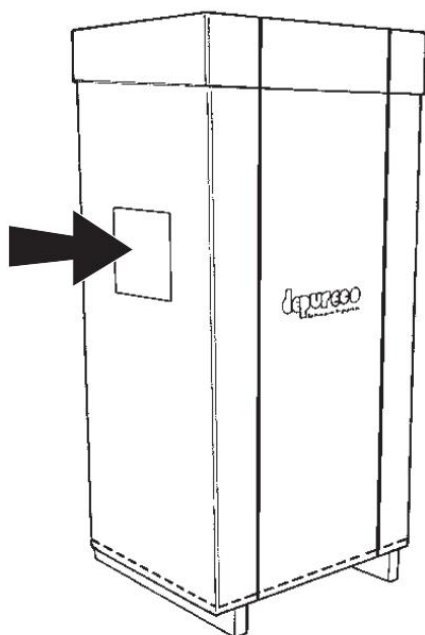
Replace damaged nameplates by requesting them from DEPURECO.

If a nameplate is on a part that is being replaced, make sure that a new nameplate is applied to the new piece a new nameplate is attached.



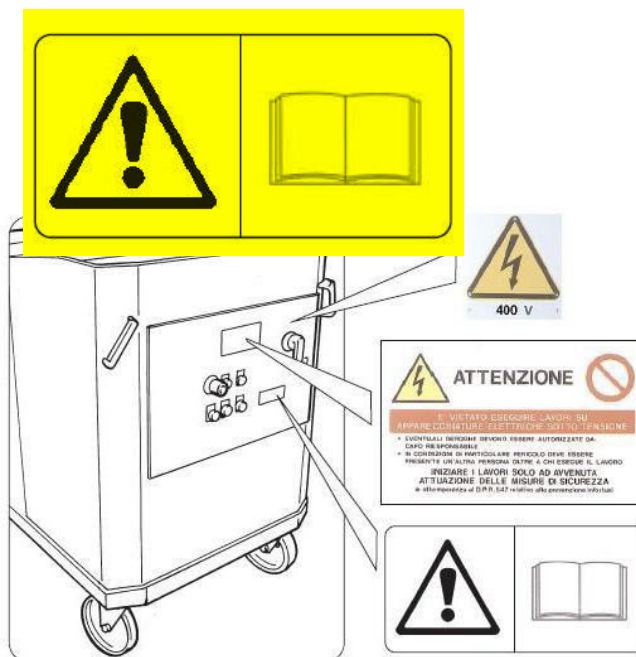
### Caution!

Read the operation and maintenance manual carefully before using the vacuum cleaner or performing maintenance work.



### Caution!

Read the instructions on the packaging carefully before handling and unpacking the vacuum cleaner.





## 2.4 RESIDUAL RISKS

DEPURECO recommends strict adherence to the instructions, procedures and recommendations in this manual and to current safety regulations. In addition, DEPURECO recommends the use of the protective equipment provided, either integrated into the vacuum cleaner or individual.

With this in mind, the residual risks analyzed, present on the vacuum cleaner and/or its components may be:

### **Electrical hazards in maintenance due to the need to work under voltage**

Pursuant to Legislative Decree 81/08-Articles 80 to 87-it is forbidden to work under voltage, except for the exceptions stipulated in that decree.

### **Risk of misuse in the presence of liquid, deflagrating and flammable substances**

The vacuum cleaner should not be used in an environment containing liquid substances or in the form of liquids that can vaporize at room temperature, flammable dusts, gases.

### **Risks of operation in a humid environment**

Comply with the limits given in this manual in Section 1.5 "Allowable Environmental Conditions."

### **Risk of misinterpretation of safety pictograms**

With reference to the analysis of hazards and their identification, DEPURECO has installed hazard labels on the vacuum cleaner taken from the regulations on graphic symbols.

The user is required to immediately replace any safety labels that become illegible due to wear and tear or damage.



### **Warning!**

**It is absolutely forbidden to remove the safety plates on the vacuum cleaner and/or its components and packaging.**

**DEPURECO accepts no responsibility for the safety of the vacuum cleaner if this prohibition is not observed.**



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## 2.5 APPLIED DIRECTIVES

The following directives apply to the vacuum cleaner described in this manual:

- 2006/42/EC Machinery Directive
- 2014/30/EU Electromagnetic Compatibility Directive
- 2011/65/EU - ROHS Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Regulatory references, including mandatory requirements, are managed in the Quality Management System and archived at DEPURECO.



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## 3 HANDLING, UNPACKING AND INSTALLATION SECTION

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### 3.1 HANDLING



#### **Caution.**

**Instructions for proper transport and unpacking of the vacuum cleaner are given also on the packaging.**

The following instructions also indicate the steps to be taken if the vacuum cleaner needs to be repacked or unpacked for later transport.



**Lifting and subsequent handling of the vacuum cleaner should be done only by a forklift of appropriate capacity for the weight.**

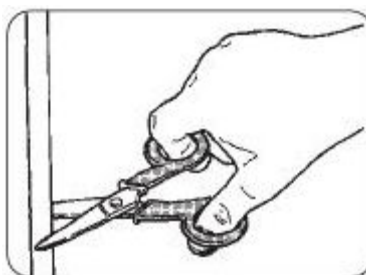
When moving with the forklift, lift the load 200 mm off the ground and swing backward.

When lifting loads, take into account the height of the environment in which you are working.

Before starting the movement, make sure the passage area is clear and there are no moving objects on the package. When lifting and handling, apply current accident prevention laws and normal forklift driving instructions.

### 3.2 UNPACKING

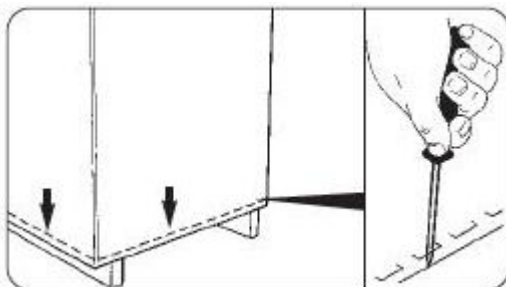
- Cut and pull off the two packaging fastening tapes.







- Using a screwdriver, remove the points that secure the cardboard packaging to the pallet (where provided)



- Completely slide out the cardboard (where provided)



**Cardboard packaging is recyclable, and in order not to create environmental impacts, it is recommended that it be given to separate collection.**



#### **Caution!**

**Keep the pallet and fixing brackets.**

**For any subsequent transport, the vacuum cleaner must be anchored to the pallet by means of the same locking system.**



### **3.3 INSTALLATION**

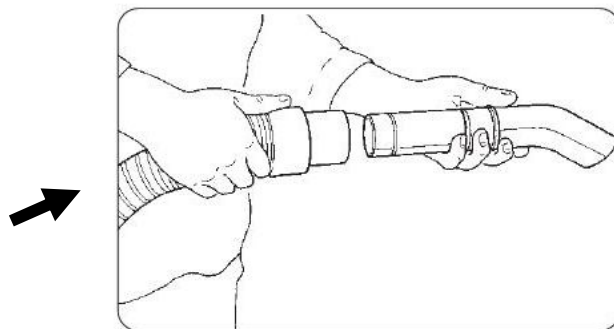


#### **Warning!**

**Before installing the vacuum cleaner, it is necessary to make a careful prior visual inspection in order to detect any damage incurred during the stages of transportation.**

In the event that one or more components are damaged, it is essential not to proceed further with the installation and report the anomaly found to DEPURECO, agreeing with it on the action to be taken.

insert from the opposite side of the hose the desired accessory for the type of suction







Note: The hose with its terminals and suction accessories are not included in the STANDARD equipment. Contact your dealer (or DEPURECO) for information regarding the different types of OPTIONAL accessories that can be used for this specific vacuum cleaner model.

**The following operation must be performed by an electrician.**

Verify that the electrical supply line corresponds to the voltage and frequency indicated on the vacuum cleaner nameplate and that it is efficiently grounded.



 <b>DEPURICO</b>		Via Venezia, 32, 10088, Volpiano Tel. 011 98 1117   Fax. 011 98 59 326 www.depurico.com MADE IN ITALY		
Model	Serial No.			 
<div>V</div> <div>Hz</div>				
Dust class	IP	Kg	Year	

The power outlet to power the vacuum cleaner must be protected by a **CE**-compliant mains disconnect switch. Finally, insert the plug (not standard equipment) into the power outlet.



**Caution!**

**Do not insert the plug into the outlet with wet hands.**

**The use of extension cords is not allowed.**



## 4 OPERATION SECTION

### 4.1 COMMAND DESCRIPTION

#### Caution!



Only authorized personnel who have read these operating and maintenance instructions are allowed to use the vacuum cleaner.



The user of the equipment and the maintenance technician who carry out permissible work on the vacuum cleaner must receive appropriate education, information and training, as required by current labor safety laws, and use for the various operations, the prescribed personal protective equipment (PPE), such as safety footwear, gloves, goggles, mask, etc. The user must observe the current regulations for sucked materials and their disposal.



1. Toggle switch: START/STOP SUCTION CYCLE
2. Red light: MAX LEVEL REACHING ALARM
3. Blue button: RESET AFTER STOP FOR REACHING MAX LEVEL
4. Toggle switch: START/STOP DISCHARGE CYCLE (optional, for versions with a discharge pump)
5. Vacuum gauge: DEPRESSION MEASUREMENT



## 4.2 WORK CYCLE

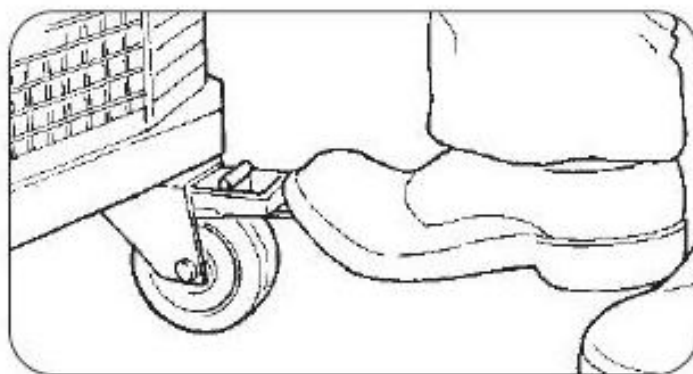


### Caution!

**Before plugging in, make sure that the voltage of the power line matches that indicated on the nameplate data label of the vacuum cleaner.**

Make sure the power cord is undamaged and in perfect condition.  
Make sure that the power plug is properly inserted into the power outlet.

Make sure the hose is properly inserted and locked into the suction nozzle (detail No. 7, para. 1.2)  
Lock the vacuum cleaner by means of the lever located on the swivel wheel, as depicted in the figure.



### Caution!

**Do not move the vacuum cleaner when it is in operation.**

For suction of liquids, proceed as follows:

- Use the appropriate hose, equipped with the original Depureco accessories, to start suction;
- Make sure that the hose for manual discharge (detail #10, par. 1.2) is closed with the appropriate cap and properly positioned, inside its attachment hook, with the end for discharge facing upward (see image below)



### **Caution!**

**Make sure the cap is tightly closed, an incomplete closure could cause liquid leakage during normal use**

- For versions with a discharge pump, make sure the discharge valve located at the end of the discharge pipe (details #12-13, Sec. 1.2) is in the closed position (see image below)



- Grip the end of the hose with the chosen suction accessory;
- Move the levers of the "1" START/STOP SUCTION switches to the up position (ON position) to start the motors;
- Proceed with suction. Suction stops when the maximum level, i.e. full container, is reached, signaled by turning on the red light "2"
- To stop suction (i.e. to stop the motors), turn the levers of switches "1" START/STOP SUCTION (OFF position) to the low position.



### **Warning!**

**If the vacuum cleaner does not work properly after cleaning the filter, it is possible that the filter is clogged and needs to be replaced.**



### **Warning!**

**Never operate the machine with a clogged filter.**



---

### **Warning!**



**Before starting the vacuum cleaner again, make sure the motors have stopped completely.**

During suction, when the maximum level of sucked liquid is reached, the machine will automatically stop suction, as a result, it will be necessary to proceed with the ejection of the liquid from the container.

The interruption of suction is indicated by the illumination of the red light "2" ALERT REACHING MAX LEVEL. Reaching maximum level inhibits further suction cycles. Therefore, it will be necessary to empty the liquid in the container and at the same time clean both the basket and the container of solid residues, if necessary.



Depending on the version you have (aspirator with or without discharge pump), you can discharge liquids from the container in two different ways:

- Manual discharge through special hose attached to the bottom of the container
- Discharge with dedicated discharge pump positioned inside the container

In the case of discharge pump version, for liquid ejection, proceed as follows:

- Open the valve lever (detail #13, par. 1.2) as shown in the figure to allow the liquid to escape;

NOTE At the outlet of the discharge pipe, prepare a suitable collection container and direct the outflow jet toward this container in order not to disperse the liquids into the environment and not to soil the working area with them.



- Turn the toggle of switch "4" START/STOP DISCHARGE (ON position) to the high position for starting the discharge pump;
- To stop the discharge (thus for stopping the discharge pump), turn the toggle of switch "4" START/STOP DISCHARGE (OFF position) to the low position.





For both versions (with and without a drain pump), to proceed with complete emptying of residual liquids from the container, use the manual drain hose attached to the bottom of the container.

NOTE Emptying through the hose attached to the bottom of the container represents the allowable mode for draining liquids from the container for the version without a drain pump.

Only once the container has been emptied can suction be resumed.

To **resume liquid suction**, proceed as follows:

- Move switch levers "1" START/STOP EXHAUST (OFF position) to the down position for stopping the motors;
- Move the lever of switch "4" START/STOP DISCHARGE (OFF position) to the low position for stopping the discharge pump; and
- press the blue "3" RESET button,
- the red light "2" MAX LEVEL will turn off;
- proceed as described above to start the suction.

For convenience, wrap the exhaust hose around the hook (detail No. 14, par.1.2) and use the handle on the frame (detail No. 5, par.1.2) to handle the vacuum cleaner



**Caution!**

**Close the ball valve before proceeding with suction again.**



**Caution!**

**Do not use the vacuum cleaner in liquid ejection mode with the exhaust valve closed.**

**In this condition, failure to expel liquids could damage the discharge pump.**



**Caution!**

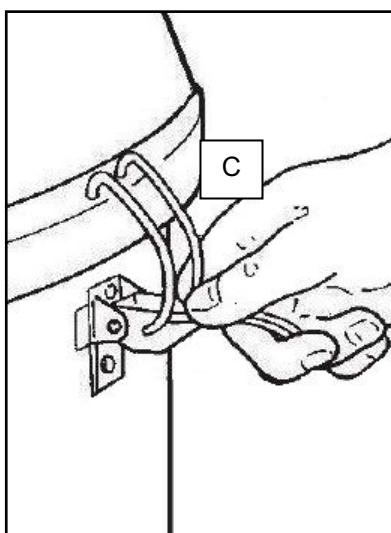
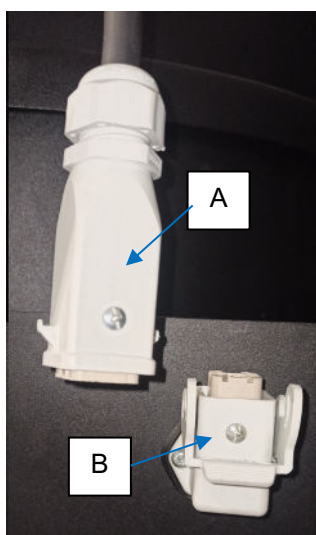
**Waste disposal must be in accordance with the laws in force in the country where the vacuum cleaner is used - for Italy D.Lgs 152/2006 as amended.**



### 4.3 EMPTYING SOLID WASTE CONTAINER

To proceed with emptying the container of solid waste, make sure the machine is not running and proceed as follows:

- Remove plug "A" from detachable socket "B" located on frame "5";
- NOTE The red indicator light "2" will light up.
- Unlock the two hooks "C" that secure the head "4" to the chamber "2" in which the filter "3" is housed then gently remove the head;
- Unlock the two hooks "C" that secure chamber "2" in which the filter is housed to container "1" then gently remove the chamber;
- Gently pull out the basket "6" from the container then carefully remove the solid residue of the sucked liquid both from the basket and possibly from the container if necessary;
- For reinsertion and reassembly, proceed backwards from what has just been described.
- NOTE Red light "2" remains lit, so suction interrupted. Suction will be active again after pressing the blue button "3" RESET with the subsequent turning off of the red light "2".



#### Caution!

**Waste disposal must be in accordance with the laws in force in the country where the vacuum cleaner is used - for Italy D.Lgs 152/2006 as amended.**



## 4.4 STORAGE – DECOMMISSIONING

Remove the oleophobic filter, empty and clean the container and basket from liquid and solid residues inside it, and store the vacuum cleaner in a place sheltered from the weather with temperatures between 0° and 40°C, covering it with a nylon cloth so as to prevent dust accumulation

# 5 MAINTENANCE SECTION



### Caution!

**Extraordinary maintenance of the vacuum cleaner must be carried out only by specialized technicians recognized by the DEPURECO dealer.**

## 5.1 INFORMATIVE NOTES

This section describes the routine inspection and maintenance operations that are essential to ensure the smooth operation of the vacuum cleaner.

Maximum vacuum cleaner reliability and minimum maintenance cost are the result of a planned maintenance and inspection program that is scrupulously followed throughout the life of the vacuum cleaner.

Scrupulously respect the established maintenance time intervals and cadence the interventions according to the specific needs in relation to the production cycle of the vacuum cleaner.

Always use tools in perfect condition and specially made for the operation to be carried out; the use of unsuitable and inefficient equipment may cause serious damage.

Any other work that may be necessary to eliminate faults or malfunctions must be expressly authorized by the manufacturer.

In such cases always communicate the vacuum cleaner's identification data-see Section 1.4 of this manual.

For major repairs, it is advisable to contact the authorized dealer whose specialized personnel, equipped with all the technological experience of the original factory construction, are always on call and able to intervene promptly.

Disassembly, cleaning, and servicing of the vacuum cleaner should be carried out by the user whenever possible without leading to hazards to maintenance personnel and third parties. Suitable precautionary



measures include decontamination before disassembly, measures for filtered forced ventilation of the room where the unit is disassembled, cleaning of the maintenance area, and suitable personal protective equipment.

The manufacturer or qualified person should perform, at least once a quarter (or more frequently depending on the work cycle and conditions of use), an inspection to the filters checking that they are not damaged, also check the proper functioning of the control devices.

When maintenance or repair work is carried out, all contaminated items that cannot be satisfactorily cleaned shall be placed in impermeable bags and disposed of in accordance with applicable laws.

## 5.2 GENERAL SAFETY STANDARDS



### **Caution!**

**All operations described must be carried out with the plug disconnected from the power outlet.**

**Before starting any maintenance or cleaning operation, wear appropriate PPE (protective clothing, goggles and/or gloves, etc.) depending on the work to be done.**



**Affix a sign on the vacuum cleaner indicating:**

**"MACHINE UNDER MAINTENANCE  
DO NOT START."**



**Before resuming service, recheck the entire system in accordance with start-up procedures.**

**After each maintenance operation, perform a few test cycles to check the proper operation of the machine.**

**Failure to observe these precautions may result in serious injury to personnel.**

Maintenance work must be performed by technicians who are skilled and trained in the specific areas, which for this machine are:

- Mechanical maintenance
- Electrical maintenance



It is the specific duty of the Safety Manager to ensure the professionalism and competence of the above persons.

**Before starting a maintenance task, the Safety Officer must:**

- Have the work area cleared of outsiders.



- ☞ Ensure that the necessary tools are within reach of the maintainer and are in good condition.
- ☞ Ensure that the maintainer is equipped with the necessary personal protective equipment for the specific operation (gloves, goggles, shoes, mask, etc.).
- ☞ Ensure that the maintainer has carefully read the instructions in this manual and is fully familiar with the operation of the vacuum cleaner and its components.

- Check for sufficient lighting and provide 24-volt powered portable lamps if necessary.

**Before starting any maintenance work, the Maintainer must:**

Disconnect all electrical supplies and put the vacuum cleaner in a safety lockout condition.

**Caution!**



**If it is absolutely necessary to operate with the power on, when required by D. Lgs. 81/08, the maintainer must keep a safe distance, have stop buttons within reach, and never put hands in the discharge volume.**

Upon completion of the work and before resuming service, the maintainer must recheck the functionality of safety devices and the integrity of protections.

Work on motors or other electrical components should be carried out only by the specially trained Electrical Maintainer authorized by the Safety Officer.

**Caution!**



**After any maintenance work, the Safety Officer is obliged to ensure the safe condition of the vacuum cleaner and its protective devices.**



### Before each work shift

- Check that the power cord and plug are not damaged: replace it immediately if it shows signs of wear and tear, using a cord of the same type (information c/o DEPURECO) operation the sole responsibility of an electrician.
- Check the integrity of the safety symbols (pictograms) attached to the vacuum cleaner.
- Check the integrity of the suction hose and accessories to be used.



#### Caution!

**The hose, if punctured, will decrease suction power and leak liquids.**



#### Caution!

**Wear appropriate PPE (dust mask, latex gloves, goggles, etc.).**

## 5.3 CLEANING AND REPLACEMENT OF OLEOPHOBIC FILTER

To **clean or replace the oleophobic filter**, proceed as follows:

- Turn off the machine
- Disconnect the vacuum cleaner from the power supply
- Remove the plug from the releasable socket on the container frame;
- Unlock the two hooks that attach the head to the chamber in which the filter is housed then gently remove the head;
- Lift the filter holder support ring then remove the oleophobic filter;
- Proceed to clean the filter or, if necessary, replace the spent filter with a new one;
- For reinsertion and reassembly, proceed backwards from what has just been described



#### Caution!

**Remove the filter, place it inside a plastic bag, close it and dispose of it according to current laws for the type of material sucked in**



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## 5.4 CONTAINER EMPTYING AND CLEANING

**To totally empty the container** of liquid and solid residue, as mentioned in Sec.4.2 and 4.3, proceed as follows:

- Turn off the machine;
- Disconnect the vacuum cleaner from the power supply;
- With manual discharge, perform complete evacuation of liquids through the hose attached to the bottom of the container (see par. 4.2);
- To clean the inside of the container and basket from liquid and solid residue, remove the head and chamber, pull out the basket (see par. 4.2), then with a jet of water clean the inside walls and bottom of the container.



Working hours	Date of replacement	Cartridge code	Quantity

Filter replacement control chart

USE ONLY ORIGINAL DEPURECO FILTERS





## 5.5 IN CASE OF MALFUNCTION

ANOMALY DISCOVERED	POSSIBLE CAUSE	REMEDY RECOMMENDED
The vacuum cleaner does not start	- Lack of power supply	<ul style="list-style-type: none"><li>- Verify the presence of voltage in the power outlet</li><li>- Check the integrity of the plug and power cord</li><li>- Contact DEPURECO technical support</li></ul>
Irregular suction	- Oleophobic filter	- Perform a filter cleaning. If it is not sufficient, replace it.
	- Clogged suction pipe	- Check the suction pipe and clean it.
Irregular or absent liquid expulsion	- Faulty liquid ejector pump	- Contact DEPURECO Technical Support.
Excessively noisy engine	- Faulty pump	- Contact DEPURECO Technical Support.



## 5.6 SCRAPPING

This product falls under the scope of Directive 2012/19/EU re and electronic equipment (WEEE). The equipment should not be disposed of with d waste can be recycled at the appropriate facilities. Inform yourself through the aut ecological platforms suitable to receive the product for disposal and its equivalent equipment purchase s, the distributor is required to take back free potentially hazardous to human health and the environment, not containing so abandoned in the environment negatively impacts the ecosystem. Read att the first time. Absolutely do not use the product for electric shock use if used improperly.



The crossed-out bin symbol on the label on the equipment indicates the responds electrical and electronic equipment. The abandonment in the environment of the equipment or law.

**REGISTRATION IN THE RAEE REGISTER N IT18090000010711**



**If in doubt, do not interpret! Phone your dealer immediately!**



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MAINTENANCE ACTION LOG:



INTERVENTION 1:

DATE:

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TECHNICAL ASSISTANCE:

TYPE OF INTERVENTION:



MAINTENANCE ACTION LOG:

INTERVENTION 2:

DATE:

TECHNICAL ASSISTANCE:

TYPE OF INTERVENTION:



MAINTENANCE ACTION LOG:

INTERVENTION 3:

DATE:

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TECHNICAL ASSISTANCE:

TYPE OF INTERVENTION: