



KRAI100OIL

Industrial vacuum cleaner



*Operator's and maintenance manual
Original and official manual*

Read this manual carefully before using the vacuum cleaner

This manual provides all the information needed to use and service your vacuum cleaner. Good operation and durability depend on proper maintenance and careful use.

Before leaving the factory, this particular model has undergone stringent tests to ensure utmost reliability. Always check however to make sure the vacuum cleaner has not been damaged during transport in such a way as to affect operation and safety.

This manual should be considered an integral part of the vacuum cleaner and must be kept together with the unit until this is scrapped. In case of loss of or damage to the manual, ask **KRÜGER TECHNOLOGY S.L.** for a new copy.

The technical details contained in this manual are the property of **KRÜGER TECHNOLOGY S.L.** and should be deemed of a confidential nature.

Even partial reproduction of the graphic project, the text and the illustrations is legally forbidden.

Some details shown in the illustrations in this manual may be different from those of your vacuum cleaner. Some component parts may have been removed for greater clarity.

For easier reference, this manual is split into sections, identifiable by specific graphic symbols.

The subjects dealt with in this manual are those expressly required by "**Machine Directive 2006/42/CE**" and the technical details shown are those provided by the manufacturer at the time of compilation.

This manual must be kept in a place accessible to all the personnel charged with operating and servicing the vacuum cleaner.

In case of any doubts, always immediately phone the **After-Sales Service**.

The competent Law Court for all disputes is that of PAMPLONA (Spain).

The manual must be kept with the vacuum cleaner in case of resale!

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1.1 Identification of main parts



- 1) Reversed air flow valve
- 2) Release fastening
- 3) Suction point
- 4) Push handle
- 5) Level indicator
- 6) Fixed wheels
- 7) Vacuumed material container
- 8) Castors
- 9) Switch

1.2 Accessories provided



FI.0284.0000- D. 477 H. 175 20 MICRON SUPERWEB 3D FILTER

(ONLY SPARE PART)

1.3 Identification details of manufacturer

KRÜGER TECHNOLOGY S.L.

Pol. Agustinos C/G Parc. B2
31013 Pamplona (Navarra) SPAIN
Tel. +34 948 343 393
www.kruger.es
info@kruger.es

1.4 Marking plate

In compliance with the **Machine Directive 2006/42/CE** on vacuum cleaners, the machine is fitted with **CE** plates.

When contacting the manufacturer or dealer, always quote the details shown on the vacuum cleaner plate.



Pol. Agustinos C/G Parcela B2 - 31013 Pamplona (Navarra)
948 343 393 - info@kruger.es - www.kruger.es



MOD. S/N

DESC YEAR

50 Hz FILTER

60 Hz

www.kruger.es

Made in CEE

1.5 Intended uses

These specific vacuum cleaner models have been designed, built and protected for vacuuming specifically liquids, dusts solid materials, using special filters.

Warning!

Always use specific filters for the type of dust or materials to be vacuumed.

Any other use is considered **IMPROPER**.

The vacuum cleaner is in any case intended for professional industrial use.

1.6 Allowed environmental conditions

To ensure the correct operation of the vacuum cleaner, this must be positioned protected against atmospheric agents (rain, hail, snow, fog, dusts in suspension, etc.) with an environmental running temperature between 5°C and 45°C and relative humidity not above 70%.

The work environment must be clean, well-enough lit and devoid of explosive atmosphere.

1.7 Noise level

Noise level readings were taken in accordance with the provisions of **Machine Directive 2006/42/CE** standards.

Sound tests performed on this specific vacuum cleaner model have been taken from a distance of 1 meter and from a height of 1,60 meters, showing an acoustic pressure no higher than:

78 dB (A)

The vibrations transmitted by the machine are lower than 2,5 m²/s.

Attention!

Pursuant to articles L.D. 81/08, workers exposed to sound pressure levels above 85 dB (A) must be protected by special individual protection devices.

It is therefore necessary, if such working conditions exist, to provide workers with such approved individual protection devices and to inform them of the risks relating to noise exposure.

1.8 Storage

Remove the filter and clean it, empty the container and store the vacuum cleaner in a place protected against atmospheric agents with a temperature between 0°C and 40°C. Cover with a nylon sheet to prevent accumulation of dust.

1.9 Scrapping

In case of scrapping, all the component parts of the vacuum cleaner will have to be disposed of through adequate disposal channels in accordance with applicable legislation.

Before scrapping, all plastic and rubber parts will have to be separated from the electrical material. Parts made of plastic, aluminium and steel only may be recycled if collected by special centres.

1.10 Technical details

KRAI100OIL

Power	<i>kW</i>	3
Voltage	<i>Volts</i>	400
Max. vacuums rate	<i>mm H₂O</i>	3.000
Max. air flow rate	<i>m³/h</i>	300
Noise level	<i>dB (A)</i>	78
Filter type		SUPERWEB 3D
Capacity	<i>lt</i>	100
Suction inlet	<i>∅</i>	50
Dimensions	<i>cm.</i>	67 X 66 x 125

1.11 Warranty

KRÜGER TECHNOLOGY S.L. guarantees this vacuum cleaner model for a period of 24 months from the date of purchase indicated on the tax document at the time of delivery of the vacuum cleaner by the seller.

The warranty shall be invalidated in the event of the vacuum cleaner having been repaired by unauthorised third parties or of equipment or accessories being used that have not been supplied by **KRÜGER TECHNOLOGY S.L.** or which have not been recommended or approved by **KRÜGER TECHNOLOGY S.L.** or whose serial number has been removed or altered during the warranty period.

KRÜGER TECHNOLOGY S.L. undertakes to repair or replace, free of charge, those parts which, during the warranty period show manufacturing faults. Repairs shall be made in the **KRÜGER TECHNOLOGY S.L.** facilities only or in a **Technical Assistance Centre** indicated by us and machines shall be sent to us carriage free (transport costs to be paid by the user, unless otherwise agreed).

The warranty does not cover any cleaning of working parts.

Faults not directly attributable to materials or manufacture shall be examined only in our facility or in a **Technical Assistance Centre** indicated by us. If claims appear unjustified, all the costs relating to repair and/or replacement of parts shall be charged to the buyer.

The purchase tax document shall be shown to the technical personnel making the repairs and must accompany the vacuum cleaner dispatched for repair.

The warranty does not cover: accidental damage, caused by transport or carelessness or inadequate treatment, or improper use not in compliance with the instructions in the instruction manual, or in any case by occurrences not dependent on normal operation or use of the vacuum cleaner. **KRÜGER TECHNOLOGY S.L.** declines all responsibility for any damage to persons or things caused by bad or improper use of the vacuum cleaner.

All disputes shall be referred to the Law Court of Pamplona (Spain).

The manufacturer declines all liability in the following cases:

- **Failure to send the warranty Certificate**
- **Failure to follow the instructions**
- **Use of non-original spare parts**
- **Failure to service the machine properly**

2.1 Safety details

The person in charge of safety shall be responsible for informing workers about the risks associated with vacuum cleaner operation.

The obligation also exists of training workers so they are able to protect themselves and others.

Failure to observe basic safety regulations and Warnings could cause accidents during vacuum cleaner operation, maintenance and repair. Accidents can often be avoided by recognising potentially dangerous situations before these occur. Operators should be aware of potential hazards and be trained and skilled enough. They should also have the tools necessary to perform these duties properly.

KRÜGER TECHNOLOGY S.L. shall under no circumstances be deemed liable for accidents or damage caused by use of the vacuum cleaner by personnel not properly trained or who use it in an improper manner, as well as by even partial failure to comply with the safety regulations and intervention procedures indicated in this manual.

The safety Warnings and warning notices are indicated in this manual and on the product.

Unless these hazard messages are heeded, the operator could become involved in accidents with serious consequences for him/herself and for other people.

The safety messages are highlighted by the following symbols:

Attention!

Unless these messages are heeded, operator injuries could occur.

Warning!

Unless these messages are heeded, vacuum cleaner damage could occur.

KRÜGER TECHNOLOGY S.L. cannot foresee all possible circumstances capable of representing a potential hazard. The warnings in this manual and on the products should not therefore be deemed exhaustive. In the event of tools, procedures, work or machining methods being used that are not explicitly recommended by **KRÜGER TECHNOLOGY S.L.**, make sure no hazards exist for operators and others.

Only ever use original KRÜGER TECHNOLOGY S.L. spare parts.

KRÜGER TECHNOLOGY S.L. declines all liability in the event of non-original spare parts being used.

2.2 Safety warnings

Attention!

The following indications are, by themselves, not enough to fully protect against all the hazards that could arise during vacuum cleaner operation. These will have to be integrated with common sense and the experience of the operator, both of which are crucial factors for preventing accidents. Each section of this manual lists further specific safety warnings for the various operations.

Maintenance jobs must always be performed with the power plug detached from the power point.

The employer must inform and train the user according to the provisions of applicable laws.

Before using the machine, prepare and train yourself by reading this manual carefully. Use of the machine by untrained and unauthorised persons is forbidden.

Using the machine to vacuum toxic substances is forbidden unless this has been equipped with special filters required for the specific type of dusts. Such filters must be explicitly requested by you.

If the machine is used to vacuum toxic-harmful substances, the container must be emptied and the filters cleaned using adequate individual protection devices, selected according to the type of substances to be vacuumed.

Do not vacuum flammable materials or substances or which could cause explosions (fuels, solvents, etc.). To vacuum such materials, the machine must be built with Anti-explosion Motor and Electric System and this must be requested by you explicitly.

Do not vacuum corrosive substances unless the machine is equipped with containers suitable for this purpose (***Stainless-steel AISI 304***).

Use of the machine without the supplied filters is not recommended.

If the filters are correctly fitted, the machine will not eject any objects.

Never rest miscellaneous materials on the horizontal protection guard.

The machine casing containing moving parts must not be removed by the user.

When using the machine, mind other people, especially children.

Use the machine cautiously on slopes and ramps.

Do not change direction on gradients.

Make sure the parked machine remains stable by operating the braked wheel.

During cleaning operations, maintenance jobs or when changing parts, the starter switch must be off and the machine must be disconnected from the power mains by removing the cable from the socket.

Only skilled persons should carry out repairs.

During use, mind the power supply cables and avoid crushing or pulling these.

Periodically check the mains power cable to ensure this is not damaged.

In the event of the cable being damaged, the machine must not be used.

In the event of the cable, plugs or couplings being replaced, make sure these are protected against water spray and check mechanical strength.

Never pull the machine by means of the power cable and the vacuum pipe.

Motor brushes and burnt-out fuses must be replaced by **KRÜGER TECHNOLOGY S.L.** or authorised dealers. Always use original spare parts.

The user is responsible for disposing of vacuumed substances in accordance with applicable laws.

After 10 years of use, we recommend sending the machine for a complete overhaul to **KRÜGER**

TECHNOLOGY S.L.

The machine is supplied with: instruction manual, Exploded Spare Parts drawing, Test Sheet, Warranty Slip, Approval Certificate.

In the event of Customers fitting a tool to the machine not supplied by **KRÜGER TECHNOLOGY S.L.**, make sure the safety conditions required by **Machine Directive 2006/42/CE** are complied with and in any event, **KRÜGER TECHNOLOGY S.L.** is unable to accept liability for any problems arising from use of such tool.

The vacuum cleaner must not be operated in a corrosive or explosive environment.

Always make sure the vacuum cleaner is free of all foreign materials such as debris, oil, equipment and other objects that could affect operation and cause injury to persons.

Avoid using flammable or toxic solvents such as petrol, benzene, ether and alcohol for cleaning.

Avoid prolonged contact with solvents and inhaling their vapours. Avoid use close to open flames or sources of heat.

Never use the vacuum cleaner without the filter.

Do not vacuum lit cigarette ends. The filter could be damaged.

Do not vacuum petrol or flammable liquids in general.

Make sure all the guards and protection devices are in place and that all the safety devices are in place and working properly.

Do not wear loose or hanging clothing such as ties, scarves or torn garments that could become trapped and be sucked up by the cleaner.

Do not open the vacuum container with the machine running.

The manual should always be kept handy for reference so the operating cycle can be checked every time there are doubts.

In the event of this manual being lost or damaged, ask **KRÜGER TECHNOLOGY S.L.** for a new copy.

Structural damage and improper alterations or repairs could change the protection capacity of the vacuum cleaner and therefore cancel this certification.

Any alterations to the appliance must only be made by **KRÜGER TECHNOLOGY S.L.** engineers.

During maintenance jobs, affix a notice to the appliance indicating "**MACHINE BEING SERVICED, DO NOT START**".

Climbing on the cleaner is forbidden.

Never touch electric wires, switches, buttons, etc. with wet hands.

Before connecting to the power mains, make sure the power voltage and frequency are those shown on the machine plate.

Make power connections to a mains supply with efficient earth system.

In the event of an extension being used, make sure this is in perfect condition, marked **CE** and that the cross section of the cable is suitable for the vacuum cleaner power input.

When restoring original working conditions, the appointed personnel should make sure that at the end of the operating procedure, proper vacuum cleaner operation safety conditions are restored, especially the safety devices and the protective guards.

Only adult persons should use the vacuum cleaner.

During vacuuming operations, always brake the vacuum cleaner using the special revolving wheel lock.

2.3 Safety plates and symbols

Plates are affixed to the vacuum cleaner showing safety symbols and/or messages.

Attention!

Make sure all the safety messages are legible.

Clean these with a cloth, soap and water. Do not use solvents, diesel fuel or petrol.

Replace the damaged plates with new ones supplied by KRÜGER TECHNOLOGY S.L..

If a plate is affixed to a replaced part, make sure a new plate is affixed to the new part.

Attention!

Read the operator's and maintenance manual carefully before using the cleaner or doing any maintenance jobs.

IMPORTANT

**DO NOT BREATHE IN INFLAMMABLE AND/OR
EXPLOSIVE LIQUIDS OR POWDERS**

2.4 Outstanding risks

Careful analysis of risks performed by the manufacturer and stored in the technical file has made it possible to eliminate most of the risks associated with vacuum cleaner operation.

The manufacturer advises carefully following the instructions, procedures and advice contained in this manual as well as applicable safety regulations, including the use of the envisaged protection devices, both those integrated in the cleaner and individual.

Outstanding risks associated with the vacuum cleaner could be:

Electrical maintenance risks caused by the need to work under power.

Pursuant to **Presidential Decree 81/08**, only trained personnel should work on the machine with the power supply connected and this must have double earth insulation.

Risk of improper use in the presence of explosive and flammable substances.

The vacuum cleaner must not be used in environments containing substances in the form of liquids that could vaporise at room temperature and flammable dusts and gas.

Risks of operation in humid environments.

Keep to the limits shown in this manual at chap. 1.6 Allowed environmental conditions.

Risk of erroneous interpretation of the safety pictograms.

Having identified the various outstanding risks, the manufacturer has affixed to the cleaner a number of hazard labels in compliance with regulations relating to the graphic symbols to be used. The user must immediately replace any safety plates that become illegible due to wear or damage.

Attention!

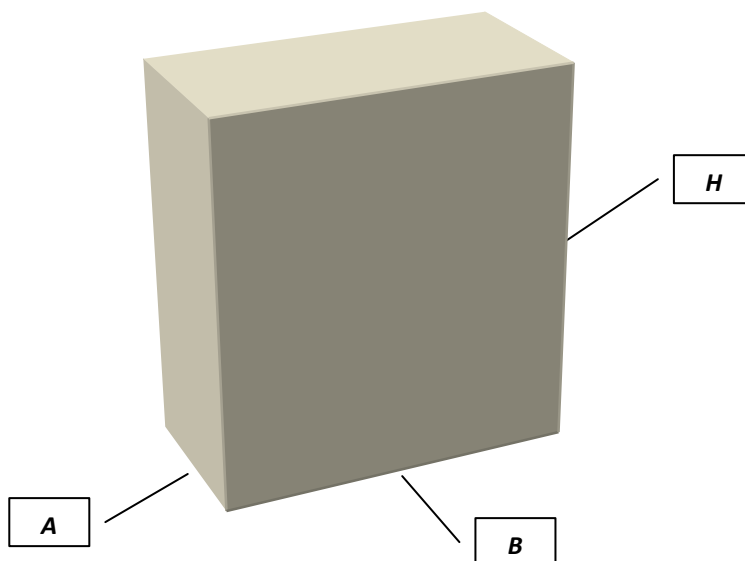
Removing the safety plates on the vacuum cleaner is strictly forbidden. The manufacturer declines all liability in relation to vacuum cleaner safety in the event of failure to comply with the above indications.

2.5 Applied directives

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

- ***2006/42/CE Machine Directive***
- ***2014/30/EU Electromagnetic compatibility directive***
- ***2014/35/EU Low-voltage directive***

3.1 Handling



	A (cm)	B (cm)	H (cm)	Weight (package included) Kg
KRAI100OIL	73	85	175	100

The machine is supplied in a strong cardboard box secured with straps.

Transport the package using a fork-lift truck of adequate lifting capacity and make sure it is stable and that weight is properly distributed on the forks.

Before starting to move, make sure the transit area is free and that there are no moving objects on the packaging.

During movement, keep the load low for greater stability and safety.

When starting up the vacuum cleaner, move this by means of the wheels supplied.

The appliance must never be moved using fork-lift trucks or other equipment that lifts it off the floor.

If for any reason the need arises to lift and transport the vacuum cleaner, this operation must be performed under the responsibility of the user. The user is therefore invited to secure the load as he best thinks fit to ensure the operation is performed in total safety.

3.2 Installation

Warning!

Before installing the vacuum cleaner, carefully make a sight check to pinpoint any damage suffered during transport.

In the event of any component parts being damaged, do not proceed with installation. Notify the manufacturer and reach an agreement on how to proceed.

The vacuum cleaner already features a suction filter.

Fit the accessory required for the type of vacuuming operation on the opposite end of the hose.



Note: No standard accessories (reducers, hoses, nozzles) are included with the vacuum; accessories must be specified and ordered separately.

Contact your dealer for information relating to the different types of **optional accessories** available for this specific vacuum cleaner model.


Fit the supplied pipe on the connector.



Fit the supplied connector on the pipe union



Make sure the power supply corresponds to the voltage and frequency indicated on the vacuum cleaner plate.


 Pol. Agustinos C/G Parcela B2 - 31013 Pamplona (Navarra)
 948 343 393 - info@kruger.es - www.kruger.es

CE

MOD. S/N
 DESC YEAR
 50 Hz FILTER
 60 Hz

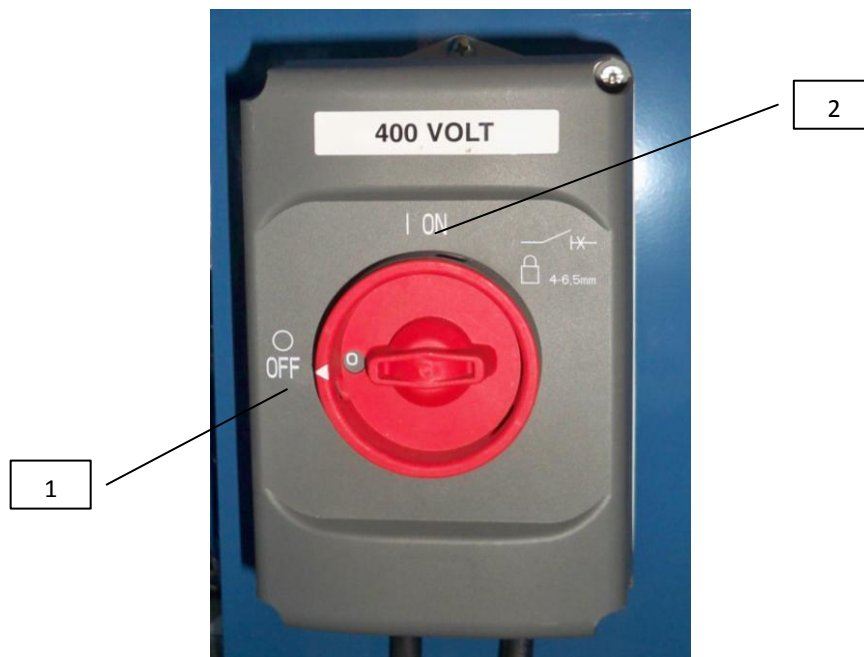
www.kruger.es Made in CEE

Warning!
Do not fit the plug in the power socket with wet hands.

In the event of an extension being used, make sure this is in perfect condition, in compliance with **CE** standards and with cable cross section suitable for the power input of the vacuum cleaner.

If, when the vacuum cleaner is switched on, the inlet blows air out instead of sucking it in, the machine will have to be switched off, the plug detached from the power socket and the direction of rotation of the motor changed by modifying the plug using a screwdriver.

4.1 Description of controls



- 1) **STOP POSITION**
- 2) **START POSITION**

4.2 Work cycle

Warning!

Before fitting the plug, make sure the power voltage corresponds to that on the CE marking plate.

- Make sure the power plug is correctly fitted in the power socket.
- Make sure the flexible hose is properly fitted and locked in the vacuum pipe union.
- Make sure the power cable and any extension used are integral and in perfect condition.
- Block the vacuum cleaner by means of the retainer provided.



- Grip one end of the flexible hose complete with selected accessory.
- Press the **Start** button and start vacuuming.
- To stop the vacuum cleaner, press the **Stop** button.

Warning!

Before switching the vacuum cleaner back on, make sure the motors have come to a complete halt.

- After finishing work, disconnect the vacuum cleaner from the power socket.

To move the vacuum cleaner, use the large handle.



Warning!

The vacuum can be moved only on flat ground!

If the vacuum is moved on inclined grounds, you can risk to lose the control, because of the weight, and to damage persons or things.

4.3 Manual emptying of the container

- Stop the vacuum motors by pressing the relevant **STOP** buttons.

Important!
Disconnect the plug from the power socket.

- Block the vacuum cleaner.



- Lift the provided handle to release the container.



- Remove the container.



- Remove the sieve grid and clear out the suctioned material.



- Empty the container.

Caution!

Use the dust mask to execute this operation safely. In order to execute the emptying operation easily and to avoid using the dust mask, a nylon bag should be placed inside the collection container before starting vacuuming operations. The aforesaid nylon bag should be fixed in order inside the collection container by means of the optional accessory available on request.

Caution!

Be careful not to get your hands squashed when positioning and securing the vacuum's collection container.

Never put your hands between the collection container and the vacuum when positioning and securing the collection container: this operation must be executed throughout the coupling side levers or the handle using BOTH YOUR HANDS to control them.

4.4 Discharging of the container by means of the reversed air flow valve

- Stop the suction motor by means of the STOP switch provided.
- Block the vacuum cleaner.



- Start the discharging tool on



- Reverse the suction air flow by spinning the provided lever and the suction valve on the DISCHARGE, as explained by the provided labels stuck on the suction motor.



- Turn on the motor on by means of the ON switch.
- When finishing the discharging operation, turn off the motor by means of the STOP switch and replace the levers on the SUCTION position.



Important!
All the material must be disposed of through authorised channels in the country where the vacuum cleaner is used.

5.1 Informative notes

This section describes the control and special maintenance operations crucial for keeping the vacuum cleaner in perfect working condition.

Any other job which might be necessary to eliminate operating faults must be expressly authorised by the manufacturer. In such cases, always notify the identification details of the cleaner.

In the case of major repairs, it is best to contact an authorised dealer, whose skilled personnel, backed by all the technological experience relating to the original factory construction methods, are always available and ready to promptly intervene.

5.2 General safety warnings

Maintenance jobs must always be performed by skilled technicians, trained to carry out their specific jobs. In the case of this machine, these are:

- Mechanical maintenance
- Electrical maintenance

The Safety Manager has the precise duty of determining the professional capacities and skills of such persons.

Before doing any maintenance job, the safety manager must:

- Make sure there are no unauthorised persons in the work area.
- Make sure the necessary tools are on hand and that these are in good condition.
- Make sure that lighting is adequate and, if necessary, provide 24-V portable lamps.
- Make sure the maintenance engineer is equipped with all approved individual protection devices needed for the specific operation (gloves, eyewear, shoes, etc.).
- Make sure the maintenance engineer has carefully read the instructions contained in this manual and knows how the vacuum cleaner works.

Before carrying out a maintenance job, the maintenance engineer must:

- Disconnect the plug from the power socket.

Work done on motors or other electrical component parts must only be performed by a specifically trained electrician, authorised by the Safety Manager.

Always use tools that are in perfect condition and specifically made for the operation to be done. The use of unsuitable tools or tools not in good condition could cause serious damage.

5.3 Maintenance operations

Attention!

All the described operations must be done with the plug disconnected from the power socket. Before starting any maintenance or cleaning job, always wear adequate protective clothing, eyewear and/or gloves according to the type of job to be done.

For smooth vacuum cleaner operation, a number of controls are best made periodically:

- Check to see whether the filter is worn or has become too permeable.
- Make sure the sealing gaskets of the motor head base, of the filter-holder ring and of the container are working efficiently.
- The electrical parts (plugs, switches, cables, etc.) must not be faulty.
- The screws and nuts must always be tight.
- Make sure the container is not overfull. This should be emptied when the vacuumed material has reached 3/4 of maximum capacity.
- Check the integrity of the flexible vacuum hose and accessories to be used.
- If the flexible hose is perforated, the power of the cleaner will be reduced and dust and liquids will leak into the environment.

Warning!

**All maintenance and repair jobs must be performed directly by
KRÜGER TECHNOLOGY S.L. or its authorised dealers.**

5.4 Replacing the filters

To replace the filters, proceed as follows:

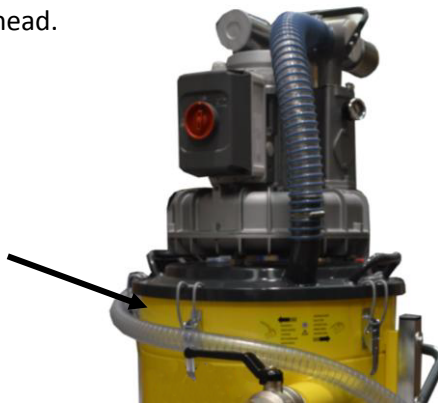
- Turn off the vacuum cleaner by pressing the motor **STOP** buttons.
- Disconnect the vacuum cleaner plug from the power socket.

Important!
Wear individual protection devices.

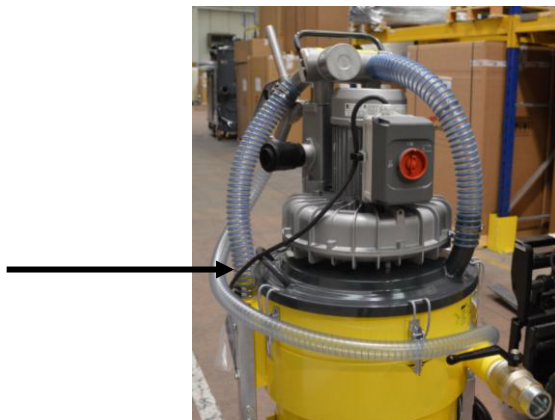
- Block the vacuum cleaner by means of the retainer.



Release the stops that hold the head.



- Remove the hose that connects the motor to the filter chamber.



- Rise the motor head by means of the provided tools. When resting the head on the support, be careful not to damage the power cable.
- Remove the filter



- Loosen the filter holder; remove the filter ring and the gasket



- Replace the filter.

Important!

All the material trapped by the filter and the filter itself must be disposed of through authorised channels in the country where the vacuum cleaner is used

ATTENTION!

The filter must be periodically clean, in order to prevent the obstruction and the significant reduction of the vacuum cleaner's performance.

5.5 Troubleshooting

<i>Fault found</i>	<i>Possible fault</i>	<i>Recommended remedy</i>
<i>The cleaner fails to start</i>	No power	Check the power mains supply Check the integrity of the plug and power cable
	Perforated vacuum pipe	Replace the pipe
<i>Dust is leaking out</i>	Perforated filter	Replace the filter
	Filter unsuitable for type of job	Fit a suitable filter for the type of material to be vacuumed
	Pipe perforated or blocked	Check the pipe and, if necessary, replace it
<i>The vacuum cleaner does not work as it should</i>	Container full	Empty container
	Filter blocked	Clean the filter and if necessary change it.
	Seals worn	Check the seals and, if necessary, replace it
	Air leak	Check for any air leaks out of closing fasteners, tightening screws, container or filter chamber
	<i>Motor very noisy</i>	<i>Contact KRÜGER TECHNOLOGY S.L. after-sales</i>

Warning!

For any other problems, contact the KRÜGER TECHNOLOGY S.L. after-sales service.

6.1 Recommended spare parts

Code	Description
SL.0222.0000	D. 500 FILTER CLAMP
FI.0284.0000	D. 477 H. 175 20 MICRON SUPERWEB 3D FILTER
GI.0054.0000	D. 500 SYLICON FILTER GASKET
GI.0141.0000	3X30 ADHESIVE MOUSSE GASKET

DECLARACIÓN DE CONFORMIDAD "CE"

KRÜGER TECHNOLOGY, S.L.

CON DOMICILIO EN: POLÍGONO AGUSTINOS
CALLE G - PARCELA B2
31.013 PAMPLONA (NAVARRA)

Declara bajo su propia y exclusiva responsabilidad que el producto:

ASPIRADOR -INDUSTRIAL

MODELO	KRAI1000IL
MATRÍCULA	
AÑO DE FABRICACIÓN	2018

Al cual se refiere esta declaración, es conforme a las siguientes directivas:

Directiva Máquina 2006/42/CE

Directiva Baja tensión 2014/35/CE

Directiva Compatibilidad electromagnética 2014/30/CE

Y las normativas armonizadas:

UNI EN ISO 13857:2008

CEI EN 60204-1:2007

CEI EN 61000-3-2:2006/A1:2010

CEI EN 61000-3-3:2013

CEI EN 55014-1:2008/A2:2012



Pamplona, a 17 de febrero 2023

Javier Cucalón
DIRECTOR GERENTE