

XTREME POLISHING SYSTEMS

# PRODUCT MANUAL

**XTREME  
POLISHING  
SYSTEMS**

*Floors For Life*

**AN AMERICAN  
GRINDER COMPANY**

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XTREME POLISHING SYSTEMS

# PRODUCT MANUAL



# XTREME HD100

CONCRETE DUST EXTRACTOR

# **TABLE OF CONTENT**

This book has important information for use and safe operation of this machine. Failure to read this book prior to operating or attempting any service or maintenance procedure to your Xtreme HD100 could result in injury to you or other personnel, Damage to the machine or to other property could occur as well. You must have training in the operation of this machine before using it. If your operator(s) cannot read this manual, please have it explained fully before attempting to operate this machine. All directions given in this manual are as seen from the operator's position at the rear of the machine.

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## **BEFORE OPERATION WHEN RECEIVING THE MACHINE:**

1. When the machine is received, carefully inspect parking and if damage is evident. Keep the shipping carton so that it can be inspected.
2. If damage is indicated contact the freight company and Xtreme Polishing Systems, Customer Service Department.
3. Unlock the power cord and connect to a suitable power outlet.
4. Attach grinding metals and polishing pads as needed.

**\*This manual subject to change without notice.\***

# OPERATORS SAFETY INSTRUCTIONS

## DANGER MEANS:

Severe bodily or death can occur to you or other personnel if the DANGER statements found on this machine or in this Owner's Manual are ignored or are not adhered to. Read and observe all DANGER statements found in this Owner's Manual and on your machine.

## WARNING MEANS:

Injury can occur to you or to other personnel if the WARNING statements found on your machine or in this Owner's Manual are ignored or are not adhered to. Read and observe all WARNING Statements found in this Owner's Manual and on your machine.

## CAUTION MEANS:

Damage can occur to the machine or other property if the CAUTION statements found on your machine or in this Owner's manual are ignored or not adhered to. Read and observe all CAUTION statements found in this Owner's Manual and on your machine.

## DANGER



1. Failure to read the Owner's manual prior to operating or attempting any service or maintenance procedure to your machine could result in injury to you or other personnel; damage to the machine or to other property could occur as well. You must have training in the operation of this machine before using it. If your operator(s) can not read English, have this manual explained fully before attempting to operate this machine.



2. To reduce the risk of fire, use only commercially available detergent intended for machine application. Do not use with flammable liquids.



3. Risk of explosion. Floor sanding can result in explosive mixture of fine dust and air. To reduce risk of explosion, use floor sanding machine only in well ventilated area.



4. Operating a machine that is not completely or fully assembled could result in injury or property damage. Do not operate this machine until it is completely assembled. Inspect the machine before operation.



5. Electrocution could occur if maintenance and repairs are performed on a unit that is not disconnected from the power source. Disconnect the power supply before attempting any maintenance or service. Always remove the electrical plug from the electrical outlet before changing the brush, pad or other attachment and before leaving the machine.






6. Using a machine with a damaged power supply cord could result in an electrocution. Do not use the machine if the power supply cord is damaged. Do not use the electrical cord to move the machine.









7. Maintenance and repairs performed by unauthorized personnel could result in damage or injury. Maintenance and repairs must be performed by authorized personnel only. Keep all fasteners tight, keep adjustments according to specifications.

# OPERATORS SAFETY INSTRUCTIONS

-  8. Electrical components of this machine can "short-cut" if exposed to water or moisture. Keep the electrical components of the machine dry. Wipe the machine down after each use. For storage, keep the machine in a dry building.
-  9. Always use a four core electrical system connected to the electrical ground. For maximum protection against electric shock, use a circuit that is protected by a ground fault interrupter. Consult your electrical contractor.
-  10. To prevent damage to the power supply cord, do not let the pads, pad holders or wheels touch the power supply cord when the machine is running. Always lift the cord over the machine. Do not pull the power supply cord to move the machine.

## WARNING

-  1. Operating a machine without observing all labels and instruction could result in injury or damage. Read all machine labels before attempting to operate. Make sure all of the labels and instructional information are attached or fastened to the machine. Get replacement and decals from your authorized distributor.
-  2. Use of this machine as a stair or furniture could result in injury or damage. Do not sit on the machine.
-  3. To prevent accidental injury, place your hands, feet and loose clothing away from moving parts of machine.
-  4. Injury to operator or bystanders could occur in an abrupt change in floor surface texture is encountered when using this machine. Abrupt change in floor surface can cause a sudden pulling motion by this machine. This sudden pulling motion can result in loss of control of the machine which could injure the operator or bystanders. Avoid motions that could allow the machine to come into contact with low obstacles, such as floor electrical
-  5. Water solutions or grinding and polishing materials used with the machine if adopting wet polishing can leave wet areas on the floor surface. These areas can cause dangerous conditions for the operator or other persons. Always put CAUTION signs near the area being worked on.
-  6. Any alterations or modifications of this machine could result in damage to the machine or injury to the operator or other bystanders. Alterations or modifications not authorized by the manufacturer voids any and all warranties and liabilities.

## NOTE

1. The machine is heavy. Get assistance before attempting to transport or move it.
2. This appliance is not suitable for picking up hazardous dust.
3. This machine is intended for commercial use.

# REGULATIONS

## ATTENTION!

1. These instructions are only applicable to the RV3 industrial vacuum cleaner.
2. The RV3 industrial vacuum cleaner is designed for cleaning construction areas and can be connected to small drills, grinders, etc. This machine is suitable for collecting dry, non - flammable dust and debris. It is not suitable for collecting liquids.
3. **Please pay special attention to safety regulations and safety instructions.**

Before using this product, you must comply with the product safety instructions, be clear about the applicable scenarios and limitations of the product, and maintain the product regularly to ensure its trouble - free operation. Do not use it in flammable and explosive environments. The working environment should be well - ventilated.

Do not touch the live parts. Do not reach into the machine with your hands or feet while the machine is running. If operation is required, cut off the power supply. Before starting the machine, ensure that all protective devices and safety devices are in place and working properly.

#### 4. **Check whether all switches are in the OFF position before and after use.**

Warning: In the working environment of this product, there may be dust from materials generated during production work. This dust usually contains some chemical elements and components of other rocks or minerals.

These components can cause: respiratory diseases, including but not limited to chronic bronchitis, pulmonary fibrosis and other lung diseases; skin irritation, rashes, itching, etc. These diseases can be fatal. Note: Use hearing protection, eye protection and respiratory protection. Before using this product, please read the instruction manual carefully and make sure you understand the usage instructions. Failure to comply with the operation instructions may result in serious injury or death.

#### 5. **Do not use this product for other purposes.**

Only use spare parts and accessories approved by the manufacturer for this equipment.

#### 6. **Environmental Protection** The packaging materials are recyclable.

Please do not throw the packaging materials into domestic waste; please send it for recycling. The old equipment contains valuable materials that can be recycled; these should be sent for recycling. Please use an appropriate collection system to dispose of the old equipment.

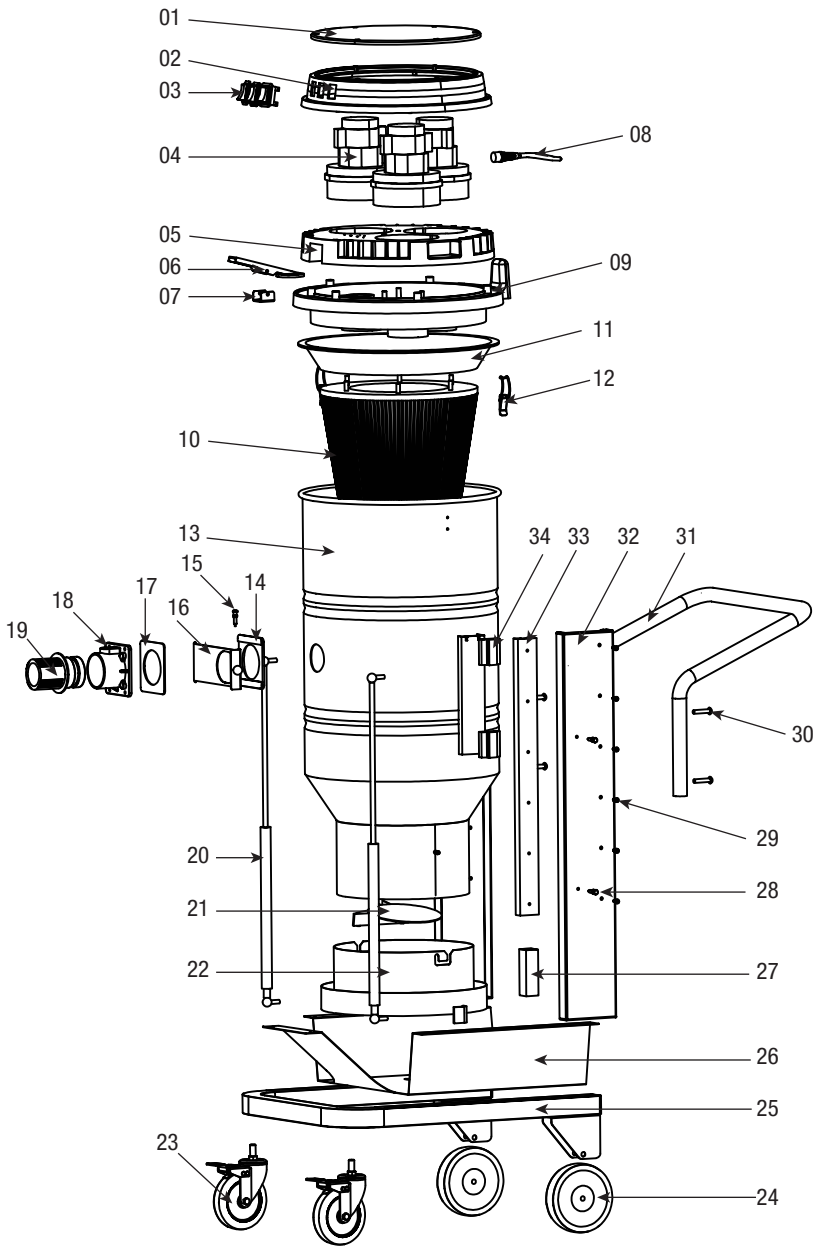
#### 7. **Product Description** This product is an industrial vacuum cleaner.

Dust - laden air enters the machine body through the suction hose. The product separates dust particles from the air through the cyclone principle. The air is discharged from the machine head, and the dust particles fall into the plastic dust collection bag below the product.

#### 8. **Intended Use Warning.**

Never collect flammable, explosive, liquid and unstable dust particles.

# COMPONENT INSTRUCTIONS



# COMPONENT INSTRUCTIONS

<b>01.</b>	Machine head cover
<b>02.</b>	Machine head plastic Part 1
<b>03.</b>	Switch
<b>04.</b>	Motor
<b>05.</b>	Machine head plastic Part 2
<b>06.</b>	Backflush pressure plate
<b>07.</b>	Backflush pressure plate base
<b>08.</b>	Power cord
<b>09.</b>	Machine head base
<b>10.</b>	Filter
<b>11.</b>	Filter tray
<b>12.</b>	Lock
<b>13.</b>	Barrel body
<b>14.</b>	Sealing pad
<b>15.</b>	Spring pin
<b>16.</b>	Push-pull baffle
<b>17.</b>	Sealing pad

<b>18.</b>	Air inlet base
<b>19.</b>	Dust pipe connector
<b>20.</b>	Lifting spring
<b>21.</b>	Dust outlet baffle
<b>22.</b>	Dust bag base
<b>23.</b>	Universal wheel
<b>24.</b>	Castor
<b>25.</b>	Base
<b>26.</b>	Dust tray
<b>27.</b>	Tie box
<b>28.</b>	Lifting spring pin
<b>29.</b>	Slide rail screw
<b>30.</b>	Handle screw
<b>31.</b>	Handle
<b>32.</b>	Post
<b>33.</b>	Slide rail
<b>34.</b>	Slider

## OPERATION STEPS

### 1. Unboxing

First, check if the outer packaging is intact. After confirming it is in good condition, carefully open the package and take out the equipment and accessories. Please dispose of the packaging materials in accordance with current laws and regulations. Compare with the packing list to verify that all items are complete.

**Standard accessories:** Floor brush, Flat suction nozzle, Hose connector, Dust suction pipe \* 7.5m, Zip ties, S - Wand, Power cord 7.5m, Dust bag If any of the above components are missing, please contact the after - sales service in a timely manner.

Next, carefully read the user manual to understand the basic functions and operation procedures of the equipment. Before powering on, ensure that the equipment is placed in a stable and well - ventilated environment, and connect the necessary cables and accessories. Finally, perform the initialization settings or debugging according to the manual to ensure the normal operation of the equipment before putting it into use.

### 2. Safety Instructions

When using electrical appliances, basic safety precautions should always be followed, including the following:

**Warning –** To reduce the risk of fire, electric shock, or injury: If the cable is damaged due to extrusion or breakage, continued use may pose a danger, and it should be replaced immediately. There is a risk of personal injury.

Ensure that the assembly area is stable to prevent the vacuum cleaner from tipping over. There is a risk of personal and property damage. There is a risk of pinching when operating quick - fasteners.

Do not use this machine in an environment where explosive gases may be present. There is a serious risk of explosion. Improper connection of the equipment's grounding conductor may lead to the risk of electric shock. If you are unsure whether the socket is properly grounded, consult a qualified electrician or maintenance personnel.

Do not modify the plug attached to the machine. If the plug does not match the socket, have a suitable socket installed by a qualified electrician.

Before using the machine, ensure that the power supply and voltage are consistent with the voltage indicated on the machine's nameplate.

Do not leave the machine while it is plugged in. Unplug the power cord when not in use, before cleaning or maintaining the machine. Do not use the machine outdoors or on wet surfaces. This machine is only suitable for indoor and dry environments.

Do not use the machine as a toy. Extra caution is required when children are using or near the machine. Use only as described in this manual. Use only accessories recommended by the manufacturer. The operator should receive adequate instruction on the use of the machine.

This machine is not suitable for people with reduced physical, sensory, or intellectual abilities, or those lacking experience and knowledge (including children).

# OPERATION STEPS

Do not use a damaged power cord or plug. If the machine does not work properly, has been dropped, damaged, left outdoors, or fallen into water, ensure that it is repaired by a qualified person. Do not pull or carry the machine by the power cord. Do not use the power cord as a handle. Do not pinch the power cord in a door.

Do not route the power cord around sharp edges or corners. Do not let the machine roll over the power cord. Keep the power cord away from hot surfaces. Do not pull the plug by the power cord. When unplugging, hold the plug, not the power cord.

Do not touch the plug or the machine with wet hands. Regularly check the power cord and plug for damage. If the power cord is damaged, it must be replaced by a qualified person to avoid danger. Do not insert any objects into the openings.

Do not use the machine when the openings are blocked (except during the filter cleaning process). Keep the openings free of dust, hair, and other objects that may reduce the air flow. Keep hair, loose clothing, fingers, and other parts of the body away from the openings and moving parts. Turn off all control switches before unplugging the power.

Do not use to suck up flammable or combustible liquids, such as gasoline, or in areas where these liquids may be present. Do not suck up any type of liquid.

Do not suck up any burning or smoking objects, such as cigarettes, matches, or hot ashes. Take extra care when cleaning on stairs.

Do not use without installing the dust bag and/or filter. Replace the dust collection system and/or filter as described in the manual. If using an extension cord, ensure that it is rated for the power of this machine.

Do not make any modifications to the machine beyond its original design. When using the machine, ensure that children and unauthorized persons stay away from it.

All repairs must be carried out by qualified maintenance personnel. Use only replacement parts provided by the manufacturer or equivalent ones.

Do not expose the machine to rain or moisture. Store it indoors only. Connect only to a properly grounded socket. Refer to the grounding instructions.

## Overheating Protection

The vacuum cleaner is equipped with a safety overheat protection device to prevent the motor from overheating. If the overheat protection device is activated, turn off the machine, unplug the power cord, and check whether the dust bag is full, whether the suction hose is blocked, or whether the filter is clogged. It may take up to 45 minutes for the overheat protection device to reset.

## OPERATION STEPS

### Grounding Instructions

The vacuum cleaner must be grounded. In case of a malfunction or damage, grounding provides a path of least resistance for the electric current, reducing the risk of electric shock. The vacuum cleaner is equipped with a power cord featuring an equipment grounding conductor and a grounded plug. The plug must be inserted into a socket that is correctly installed and grounded in accordance with all local regulations.

### 3. Function

This machine is used to suck up and separate dry, non - flammable dust, and its explosion limit value is 0.1mg/m<sup>3</sup>.

It generates a powerful suction force driven by the motor, sucking solid particles such as dust and debris into the equipment, and then separates and collects them through the filtration system. The following is a detailed description of its working principle:

The core component of the industrial vacuum cleaner is the motor. The motor drives the fan to rotate at a high speed, rapidly discharging the air inside the vacuum cleaner. After the air is discharged, a negative pressure (vacuum state) is formed inside the vacuum cleaner. Under the action of the air pressure difference, the outside air enters the equipment through the dust suction port, bringing in particles such as dust and debris at the same time.

After the inhaled air - dust mixture enters the vacuum cleaner barrel, it is decelerated by the cyclone separator. Most of the large particles are separated by the action of centrifugal force and gravity. Then, it passes through the HEPA filter to further capture tiny particles, ensuring that the discharged air is clean.

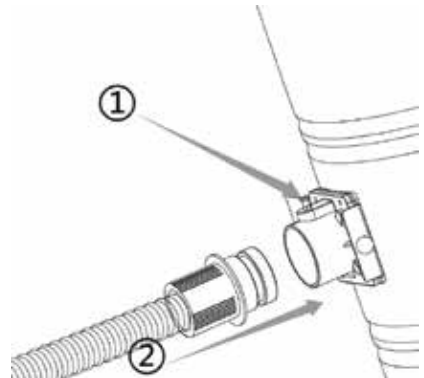
The separated dust and particles will fall into the dust - collecting bag, which is convenient for subsequent cleaning and disposal. The filtered clean air is discharged through the rear of the motor to avoid secondary pollution.

### 4. Pre-Operation Preparations

To ensure the safe operation and high - efficiency performance of the industrial vacuum cleaner, please complete the following preparatory work before use:

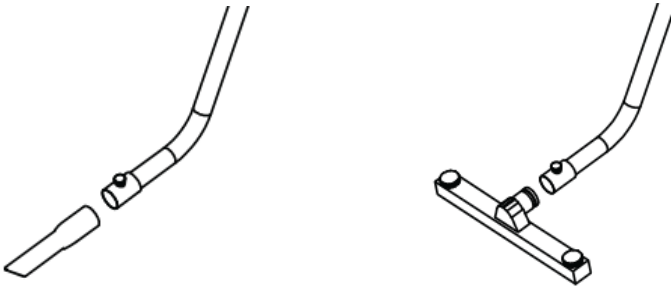
After unpacking, check whether the main unit of the vacuum cleaner and its accessories are in good condition, and confirm that all components are complete (such as the suction pipe, suction head, filter, dust collection barrel, etc.).

Select appropriate vacuuming accessories according to the cleaning task (for example, use the floor brush for floor cleaning and the flat suction head for cleaning gaps).



# OPERATION STEPS

- Connect the suction pipe to the suction inlet of the vacuum cleaner main unit. (As shown in the right - hand picture).
- Pull up the spring pin (1), then insert the pipe connector in the direction (2) as shown in the picture and install it in place.
- Release the pin to lock it, ensuring the airtightness of the machine.
- Connect the other end of the pipe to the S - shaped pipe or the floor grinder vacuum cleaner as shown in the right - hand picture.
- Install the appropriate suction head or brush head as needed as shown in the figure below. Make sure it is installed properly and that the connection is tight without air leakage.



- Ensure that the HEPA filter is installed correctly and check to make sure it is in the proper position and well - sealed.
- Confirm that the rated voltage of the vacuum cleaner matches the power supply voltage (e.g., 110V or 220V) to avoid damage to the equipment due to inconsistent voltage.
- Before use, check whether the power cord is in good condition, without damage or aging.
- Plug the power cord into a well - grounded socket to ensure a stable power connection and the safety of the operator.
- Place the vacuum cleaner on a flat and well - ventilated surface to ensure normal heat dissipation during operation.
- Remove large debris (such as pieces of paper and plastic) from the working area to prevent the suction pipe from being blocked.
- Start the vacuum cleaner and check if it operates normally and if the suction power is sufficient.
- Confirm that there is no abnormal noise or vibration to ensure that the equipment is in good working condition.

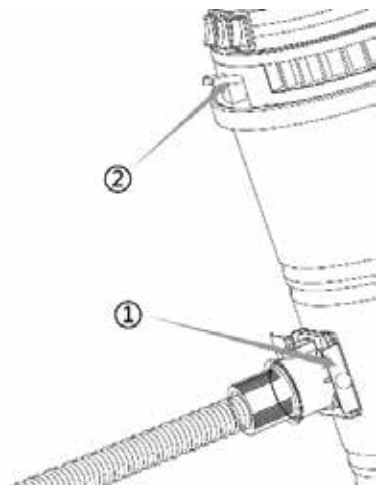
## OPERATION STEPS

### 5. Filter Cleaning

The filter must be cleaned regularly. Cleaning should be carried out before replacing the dust bag system, and also after the work is completed or when the suction power is insufficient.

Cleaning during use Steps:

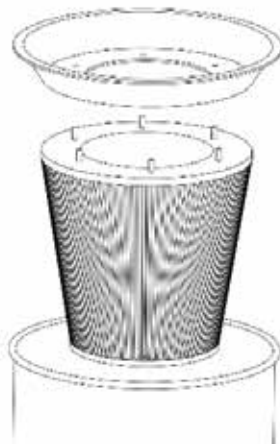
- Cover the air inlet (1) with the push - pull baffle.
- First, let the machine create a vacuum environment for about 3 to 5 seconds, then quickly press and release the button (2). Repeat this process 3 times. It is important to leave an interval of 2 - 3 seconds between each repetition to allow the machine to re-establish the vacuum environment. Turn off the motor and wait for it to stop completely, then uncover the air inlet.
- If the suction power is still insufficient, you need to check the filter, take it out for cleaning.
- If the cleaning effect is poor, it is recommended to replace the filter.
- The plastic dust bag can only be replaced after cleaning the filter. After removal, the plastic dust bag must be tightly tied up. Use only original parts.



### 6. Filter Replacement

Risk of dust dispersion – Use personal safety equipment. Harmful dust may disperse when replacing the filter. Therefore, users should wear safety goggles, protective gloves, and a respirator mask that meets the FFP3 protection level.

- Turn off the machine and unplug the power cord.
- Loosen the clamp between the machine body and the head housing. Remove the head, take out the filter kit, and carefully place it on a table.
- As shown in the illustration, remove all the screws, then take out the filter and put it into the dust bag.
- Take out a new filter and reinstall it in the reverse order. Tighten all the screws to ensure a good seal, and then install it back onto the



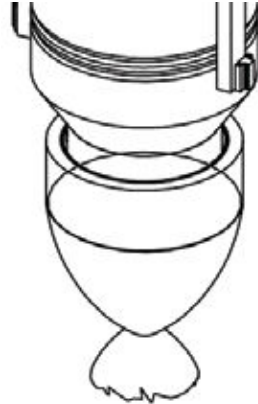
# OPERATION STEPS

## 7. Dust Storage System

Vacuum cleaners are mainly equipped with a continuous bag system to effectively store dust, or a conventional plastic bag system depending on the model. The continuous bag is a 22 - meter - long plastic tube that can be used with the cable ties included with the machine and divided into multiple plastic bags.

Assembling a new continuous bag:

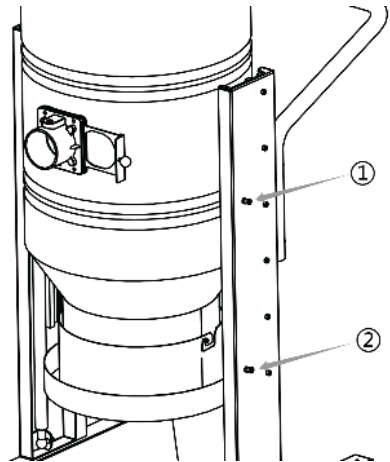
- Loosen the strap that secures the last bag.
- Remove the bracket, insert the new continuous bag and pull the inner end upwards.
- Assemble the bracket onto the machine and secure the opening upwards with a strap.
- Pull down the outer end and tightly fasten it with a zip tie. All vacuum cleaners can use the (brand) original disposable dust bags. All models can also be equipped with the continuous bag system. Only replace the continuous bag or the conventional dust bag after performing the filter cleaning cycle.



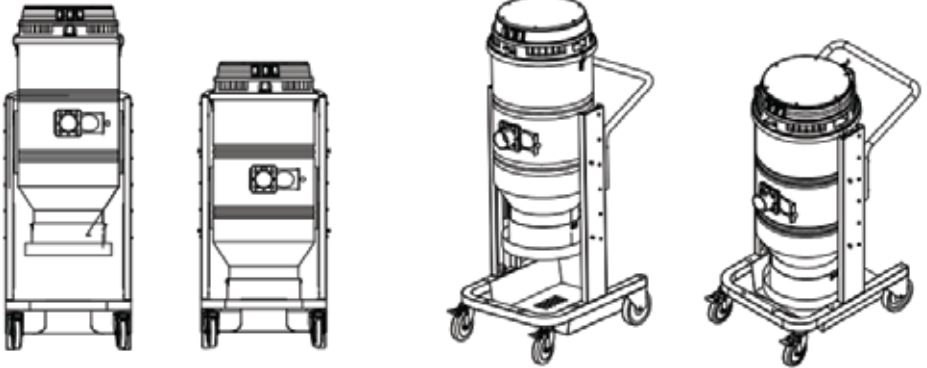
## 8. Machine lifting system

The main body of this machine has a lifting function. The main body part (including the motor, filtration system, and dust collection barrel) can be raised and lowered through a hydraulic mechanical device.

- The user can pull open the spring pin (the component shown as (2) in the figure), press the machine body and slowly slide it to the bottom. After the spring pin (the component shown as (2) in the figure) self - locks, the lowering process is completed.
- As shown in the figure below, the machine is then convenient for transportation and handling. When it is necessary to start working, the user can pull open the spring pin (the component shown as (2) in the figure), lift the machine body and slowly slide it to the top.
- The spring pin (the component shown as (2) in the figure) will automatically lock the machine body, thus completing the lifting process.



# OPERATION STEPS



## 9. Maintenance

When cleaning and maintaining the machine, you must turn off the machine and unplug the power plug. Avoid using a high - pressure washer for cleaning.

If necessary, do not aim directly at the openings on the machine, especially the inlets/outlets for cooling air. Before moving the machine out of the working area, you must clean the machine first. In addition, you must use the push - pull baffle to close the air inlet.

All other equipment should be considered contaminated and handled accordingly. If possible, use a dedicated and suitable room. Appropriate personal protective equipment must be used.

All contaminated parts after servicing must be carefully disposed of in accordance with local regulations and placed in plastic bags.

If the machine has to be used for other purposes, it is extremely important to clean the machine to avoid the spread of harmful dust.

# OPERATION STEPS

## 10. Warranty

The core components of this product, such as the motor and the fan, are covered by a two - year warranty service. Under normal usage conditions, any equipment malfunctions caused by manufacturing materials or workmanship issues are within the scope of the warranty.

The following situations are not covered by the warranty, and customers will have to bear the repair costs themselves: - Malfunctions caused by human - induced damage (such as impacts, drops, water ingress, etc.). Equipment damage resulting from non - compliance with the operating or maintenance requirements in the instruction manual. - Malfunctions caused by the use of non - original parts or unauthorized modifications.

Damage caused by force majeure events (such as fires, earthquakes, floods, etc.). - Replacement of normal wear - and - tear parts and consumables (such as filters, suction pipes, brush heads, etc.).

If the equipment malfunctions, please contact the after - sales service department in a timely manner and provide the purchase certificate, equipment model, and a description of the malfunction.

After - sales service staff will provide remote guidance or arrange on - site inspection according to the situation. After confirming the malfunction, they will arrange for parts repair or replacement.

Once the equipment is repaired and the customer confirms that it is operating normally, the warranty service is considered completed.

**Notes** - Regular maintenance and upkeep of the equipment can extend its service life and prevent unnecessary malfunctions. If you need to extend the warranty service, you can contact the after - sales service department to learn about relevant value - added services.

## 11. Troubleshooting

The vacuum cleaner is specifically designed and manufactured for harsh environments and tasks. However, users must take care to protect the machine from impacts. The filters, seals, accessories, and connectors are carefully adapted and selected to suit the operator's working environment. Therefore, operators and service personnel must handle the machine with care to ensure its normal operation for many years.

# TROUBLESHOOTING

PROBLEM	CAUSE	DETECTION METHODS	SOLUTIONS
<b>Motor fails to start</b>	<ul style="list-style-type: none"> <li>No power supply</li> <li>Motor malfunction</li> <li>Power cord damaged</li> <li>Overheating protection</li> </ul>	<ul style="list-style-type: none"> <li>Check circuit voltage &amp; continuity with a multimeter</li> <li>Turn on each switch independently</li> <li>Multimeter to measure &amp; check the circuit</li> <li>Ambient temperature is too high or load is too large</li> </ul>	<ul style="list-style-type: none"> <li>Insert power plug or replace power cord</li> <li>Replace the motor</li> <li>Repair or replace the power cord</li> <li>Check the ambient temperature</li> </ul>
<b>Motor stops immediately after starting</b>	<ul style="list-style-type: none"> <li>Overload</li> <li>Overheating protection</li> <li>Short circuit</li> <li>Voltage problem</li> </ul>	<ul style="list-style-type: none"> <li>Check if hose or filter is blocked</li> <li>Ambient temperature is too high</li> <li>Use a multimeter to check the circuit</li> <li>Use a multimeter to check the input voltage</li> </ul>	<ul style="list-style-type: none"> <li>Clear the hose or clean the filter</li> <li>Check the ambient temperature, ventilate &amp; cool down appropriately</li> <li>Contact after-sales service</li> <li>Match the appropriate voltage</li> </ul>
<b>Motor running but no suction</b>	<ul style="list-style-type: none"> <li>Filter clogged</li> <li>Hose not connected</li> <li>Hose clogged or damaged</li> <li>Top cover misaligned &amp; not tight enough</li> <li>Seal is damaged</li> <li>Low voltage</li> </ul>	<ul style="list-style-type: none"> <li>Check the filter</li> <li>Check the hose</li> <li>Check the top cover</li> <li>Check the seals</li> <li>Use a multimeter to check the input voltage</li> </ul>	<ul style="list-style-type: none"> <li>Clean or replace filter</li> <li>Connect the hose</li> <li>Clean the hose</li> <li>Replace the hose</li> <li>Reposition the top cover</li> <li>Replace the seal</li> <li>Match the appropriate voltage</li> </ul>
<b>Motor blows out dust</b>	<ul style="list-style-type: none"> <li>Filter is installed incorrectly or damaged</li> <li>Top cover misaligned &amp; not tight enough</li> <li>Seal is damaged</li> </ul>	<ul style="list-style-type: none"> <li>Check the filter</li> <li>Check the top cover</li> <li>Check the seals</li> </ul>	<ul style="list-style-type: none"> <li>Adjust/replace filter</li> <li>Reposition the top cover</li> <li>Replace the seal</li> </ul>
<b>Abnormal noise</b>	<ul style="list-style-type: none"> <li>Loose screws</li> <li>Inhalation of foreign matter</li> <li>Other problems</li> </ul>	<ul style="list-style-type: none"> <li>Check the screws in each part</li> <li>Check the contents of the barrel</li> </ul>	<ul style="list-style-type: none"> <li>Re-tighten and remove foreign matter</li> <li>Contact the supplier</li> </ul>

# TROUBLESHOOTING

## 12. Parameter

<b>Model</b>	RV3
<b>Voltage</b>	110-120V
<b>Phase</b>	1
<b>Max air flow (m<sup>3</sup>/h   CFM)</b>	485   285
<b>Max vacuum (mbar)</b>	265
<b>Rated input power (Hp   kW)</b>	3.4   2.4
<b>HZ</b>	50/60
<b>Filter area (ft<sup>2</sup>   m<sup>2</sup>)</b>	42   3.86
<b>Filter capacity</b>	Filter capacity: 0.3um, efficiency>99.5%
<b>Filter cleaning</b>	Manual jet-pulse
<b>Filter type</b>	H12 HEPA filter TORAY polyester
<b>Dimension (inch   mm)</b>	28*24*48   700*600*1,230
<b>Weight (lbs   kgs)</b>	187   85