



VC-3M

Industrial Vacuum Cleaner

Operation Manual

Installation · Operation · Maintenance



Read and retain this manual before operating the equipment.
Grimaldi Tools · info@grimalditools.com

Safety & Document Use

Before You Begin

This manual provides the information needed to operate and maintain the VC-3M industrial vacuum cleaner. Correct use and regular maintenance help extend service life and keep performance reliable.

IMPORTANT

Read all operating and safety instructions before connecting the equipment to a power supply.

Operating and storage conditions

- Protect the vacuum cleaner from rain, hail, snow, fog, and airborne environmental dust.
- Store the machine at a temperature between 5 °C and 45 °C.
- Relative humidity must not exceed 70%.
- Operate only in a clean environment free of explosive gases.

Illustrations may differ slightly from the machine supplied; some components may be omitted from diagrams for clarity. After unpacking, take packaging materials to an appropriate recycling facility rather than disposing of them with household waste.

SUPPORT

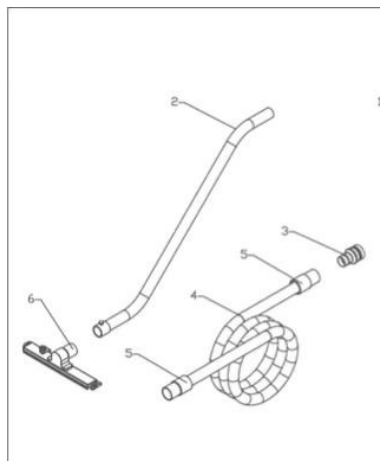
For questions, missing components, or service requirements, contact Grimaldi Tools customer support at info@grimalditools.com.

Manual overview

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| 01 | Key components and supplied accessories |
| 02 | Technical specifications |
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SECTION 01

Key Components



No.	Item number	Description	Qty.	Specification / remark
1	VC-3M	Industrial vacuum cleaner	1	110 V, 3 motors, auto-cleaning
2	S8016	50 mm double-bend tube	1	
3	C2031	70 mm to 50 mm reducer	1	
4	S8008	50 mm EVA hose	7.5 m	D50, two-tone anti-static
5	S8006	50 mm hose connector	1	
6	S8004	50 mm dust hood	1	

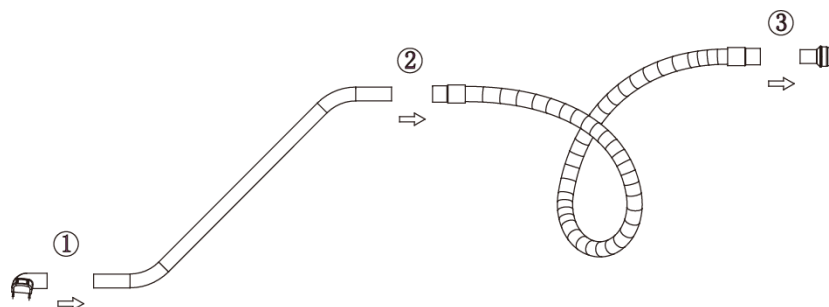
SECTION 02

Technical Specifications

Specification	Value
Model	VC-3M
Voltage / motor configuration	110 V / 3 motors / automatic cleaning
Airflow	350 CFM
Current	16 A
Power	3 kW
Suction port diameter	50 mm
Noise	78 dBA
Frequency	50 / 60 Hz
Filter type	Polyester PTFE

SECTION 03

Assembly & Accessory Installation



- 01** Connect the floor nozzle to the S-bend tube.
- 02** Connect the hose to the S-bend tube.
- 03** Connect the hose to the adapter.
- 04** Connect the complete vacuuming assembly to the machine's suction inlet.

CAUTION

Do not coil or twist the hose while vacuuming.

SECTION 04

Equipment Start / Stop

Use the three green switches on the upper control panel to start the vacuum motors. Switch all motors off before disconnecting power or servicing the machine.

CAUTION

Before connecting to the power supply, ensure that the supply voltage matches the specifications on the machine nameplate.

Pre-start checklist

- ✓ Confirm that the plug and socket are compatible.
- ✓ Confirm that the hose and suction inlet fit correctly.
- ✓ Inspect the power cord and any extension cords for damage.
- ✓ Firmly attach the selected accessory to the end of the suction hose.

CAUTION

Only restart the machine after all motors have come to a complete stop.

POWER

Unplug the power cord whenever the vacuum cleaner is not in use.

SECTION 05

Filter Cleaning & Maintenance

NOTE

This machine cleans its filters automatically during operation. Manual filter care is only required if suction drops noticeably or as part of routine servicing.

Manual cleaning procedure

- 01 Switch off all motors and disconnect the machine from the power supply.
- 02 Wait until every motor has come to a complete stop.
- 03 Open the dust bin and empty the collected material.
- 04 Remove the filter element and tap it gently to dislodge accumulated dust; a separate vacuum cleaner may be used to clear the filter surface.
- 05 Inspect the filter for damage and reinstall it correctly before operating the machine.

CAUTION

Do not use high-pressure air or sharp tools that could damage the filter media.

SECTION 06

Troubleshooting

Fault	Possible cause	Solution
Machine will not start	No power supply	Check the power supply. Inspect the plug and power cord for damage.
Leakage of collected debris	Small holes in the vacuum hose	Replace the hose.
Leakage of collected debris	Filter mesh openings have enlarged	Replace the filter screen.
Leakage of collected debris	Filter is unsuitable for the debris	Fit a filter designed for that type of debris.
Reduced suction	Vacuum hose has a hole or is clogged	Inspect the hose and replace it if it is no longer usable.
Reduced suction	Dust bin is full	Empty the waste container.
Reduced suction	Filter is clogged	Clean the filter, or replace it if it is no longer usable.
Reduced suction	Air leak	Check the locking latches, screw tightness, dust bin, and filter housing.
Motor noise is unusually loud	Internal fault or abnormal condition	Contact Grimaldi Tools customer support.

SERVICE

For any malfunction not listed above, contact Grimaldi Tools customer support at info@grimalditools.com.

SECTION 07

Warranty Conditions

The vacuum cleaner is covered by a 12-month warranty from the date of sale shown on the invoice.

The warranty becomes void in the following cases:

- Repairs are carried out by an unauthorized third party.
- Equipment or accessories not supplied by Grimaldi Tools or an authorized agent are installed.
- The machine serial number has been altered or removed.

During the warranty period, Grimaldi Tools guarantees the free repair or replacement of parts with verified manufacturing defects. Repairs must be completed by Grimaldi Tools or an authorized technical service center. Shipping costs for equipment sent for repair are the responsibility of the buyer unless otherwise agreed.

The warranty does not cover the cleaning or routine maintenance of components. Material-quality and manufacturing-defect claims must be inspected using professional equipment or at an authorized service center. If the issue is not caused by a manufacturing defect, all repair or replacement costs are the responsibility of the buyer. The original invoice must be presented with the machine.

The warranty does not cover accidental transport damage, negligence, improper handling, failure to follow this manual, or damage resulting from abnormal operation. Grimaldi Tools is not responsible for damage caused by human error or improper use.

**NOT
COVERED**

No valid invoice · Failure to follow the manual · Use of non-original parts or accessories · Failure to maintain the machine



KEEP THIS MANUAL WITH THE MACHINE

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