

Eurovac 53 industrial vacuum cleaners

Operating and maintenance instructions



This manual contains all the information you need for the proper use of the appliance. Read the manual carefully before using the appliance and observe the warnings. Keep this manual in a safe place.

The contents of this manual are subject to change without prior notice; amendments and improvements may be made.

Table of Contents

1. General	4
1.1 Checking the device before use.....	4
1.2 Identifying the main parts, basic model.....	4
1.3 Identifying the main parts, 53 Trolley.....	5
1.4 Identifying the main parts, Longopac version.....	6
1.5 Identifying the main parts, 53 4800.....	7
1.6 Operating characteristics.....	7
1.7 General safety instructions.....	8
2. Start-up	8
2.1 Operation.....	8
2.2 Operation, 53 4800.....	9
3. Maintenance during use.....	9
3.1 Emptying the dust container	10
3.1.1 Emptying and replacing the Longopac bag	10
3.2 Filter maintenance	11
3.3 Maintenance of cleaning kits.....	11
3.4 Most common spare parts.....	12
4. Operation in the event of a fault	12
5. Using the cyclone separator.....	13
6. Warranty	14
7. Disposal of the appliance	14
8. Compliance with standards.....	15

1. General

You have purchased a high-quality industrial vacuum cleaner. We hope it will serve you for a long time, which is why we ask you to use and maintain the appliance correctly.

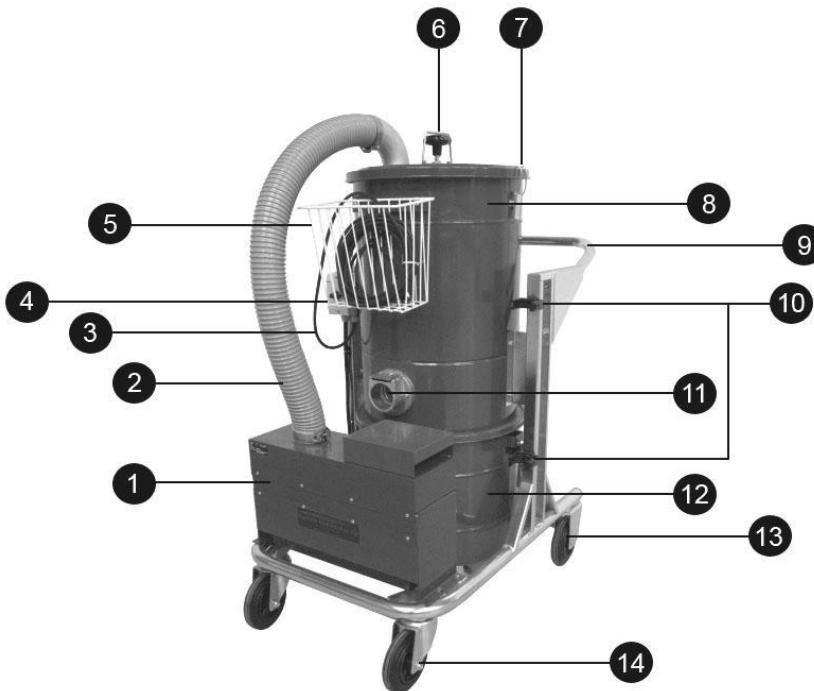
In this user and maintenance manual, we describe the operating and maintenance procedures for the Eurovac 53 industrial vacuum cleaner. Please read the instructions carefully before using the appliance to ensure the functionality and safe operation of your industrial vacuum cleaner. These instructions apply to all electric Eurovac 53 industrial vacuum cleaners, unless otherwise stated. This user manual does not apply to compressed air-powered Eurovac 53 industrial vacuum cleaners.

Upon receipt of the unit, please check that it has not sustained any transport damage and that you have received all the accessories included in your order. Should you have any comments or concerns, please notify the seller immediately or within seven days at the latest.

1.1 Checking the appliance before use

Unpack the device by removing the packaging materials. When disposing of the device packaging, please follow the local waste disposal or recycling guidelines applicable to the materials used. If you have any complaints regarding the delivery, please notify the seller immediately or within eight days at the latest.

1.2 Identification of main parts, basic model



1. Electrical unit

2. Hose

3. Power cord

4. Power switch

5. Accessory basket

6. Filter shaking rod

7. Filter unit lid locking latch

8. Filter housing

9. Push handle

10. Cleaning kit holder

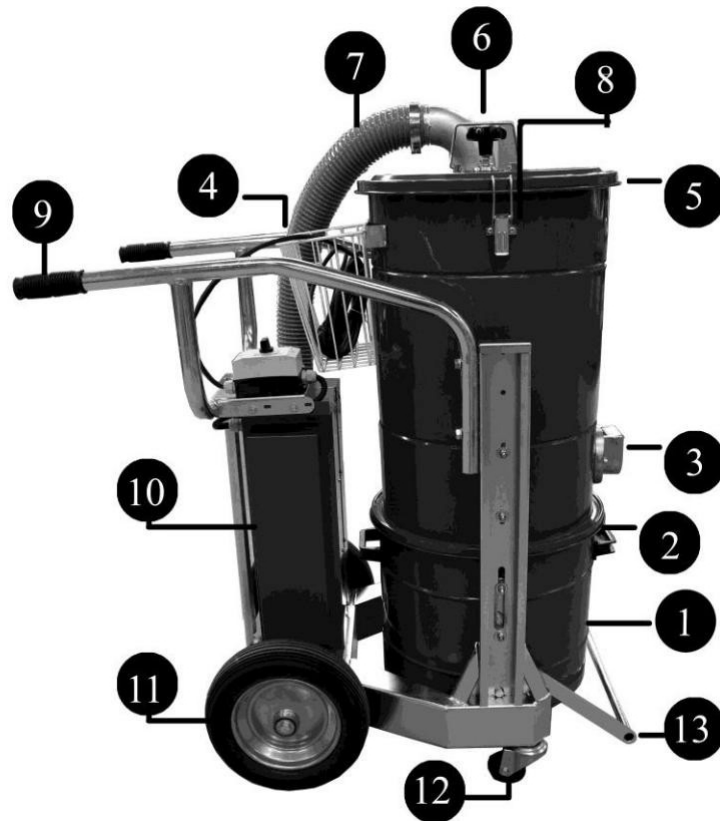
11. Suction hose connector

12. Waste container

13. Wheel

14. Swivel wheel

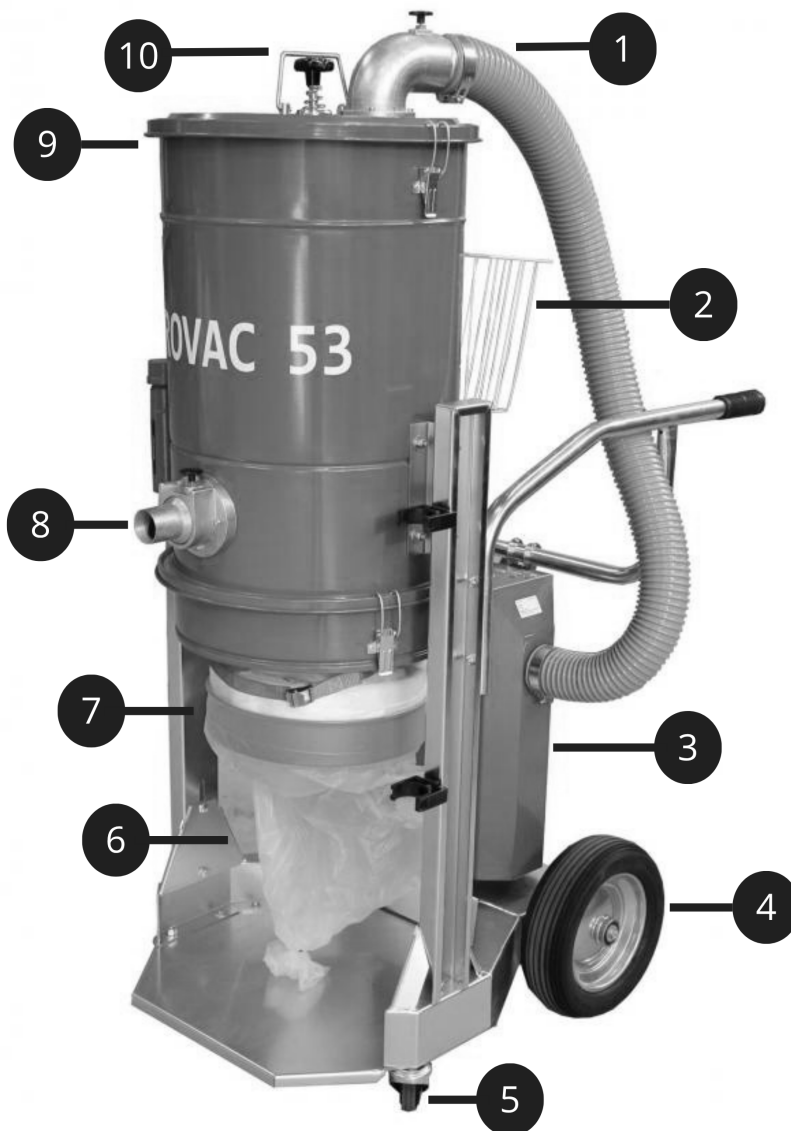
1.3 Identifying the main parts, 53 Trolley



- | | |
|---------------------------|-----------------------------------|
| 1. Waste container | 8. Filter unit lid locking latch |
| 2. Waste container handle | 9. Push handles |
| 3. Suction hose connector | 10. Suction unit |
| 4. Accessory basket | 11. Wheel |
| 5. Filter unit cover | 12. Swivel front wheels |
| 6. Filter shaking rod | 13. Waste container release lever |
| 7. Hose | |

*

1.4 Identifying the main parts of the Eurovac 53 bagged vacuum cleaner



- | | |
|------------------------|-----------------------------|
| 1. Suction hose | 6. Longopack bag |
| 2. Accessory basket | 7. Bag holder and tensioner |
| 3. Motor unit | 8. Suction hose connector |
| 4. Wheel | 9. Filter and filter cover |
| 5. Swivel front wheels | 10. Filter shaking rod |

1.5 Identifying the main parts of the Eurovac 53 4800



- | | |
|----------------------------------|--|
| 1. Filter shaking rod | 6. Accessory basket |
| 2. Push handles | 7. Vacuum valve |
| 3. Suction hose connector | 8. Suction unit |
| 4. Waste container | 9. Hour meter, power switch, control connector |
| 5. Waste container release lever | 10. Swivel, lockable wheel |
| | 11. Fixed wheel |

1.6 Operating features

Eurovac 53 industrial vacuum cleaners are suitable for dry and wet debris. If the dust to be vacuumed is extremely fine or otherwise problematic, a separate pre-separator can be fitted in front of the vacuum cleaner to protect the main unit from clogging or from any hot/glowing materials that may be carried along during vacuuming.

NOTE! Hot ash may only be vacuumed using the machine when a pre-filter is in use.

NOTE! The Eurovac 53 bagged vacuum cleaner must not be used to vacuum hot ash

Further details on the use of the pre-separator are provided in section 6.

1.7 General safety instructions

Please observe the following safety instructions when using your Eurovac 53 industrial vacuum cleaner:

- Do not use the vacuum cleaner in areas containing flammable gases or substances.
- Do not use the vacuum cleaner to suck up explosive liquids, flammable substances or hot ash. (A separate cyclone separator tank must be used when vacuuming hot ash)
- The Eurovac 53 bagged vacuum cleaner is not suitable for vacuuming hot ash, even when a pre-separator is in use.
- Always unplug the vacuum cleaner from the wall socket before servicing it.
- When vacuuming, take care to ensure that the suction tube does not come into contact with sensitive areas of the skin (eyes, mouth, ears).
- Do not vacuum in the rain or under splashing water.

2. Start-up

Before using the vacuum cleaner, CHECK that:

- the voltage available is the same as that required by the vacuum cleaner (240 V). The electrical socket must be earthed.
- The available voltage is 400 V / 16 A, as required by the Eurovac 53 4800 model.
- the socket, the vacuum cleaner's power cord and the plug are in good condition.
- Check that the filter is in place in the vacuum cleaner and that it is undamaged and clean from the previous use. Also check that the filter shaking rod is locked in place at the bottom using the locking latch on the top cover of the vacuum cleaner.

2.1 Operation

When starting the vacuum cleaner, switch on the motors in stages by first turning the switch to position 1 and then to position 2. If you are vacuuming up wet dirt or liquids, check frequently to ensure that too much liquid does not accumulate in the tank, as this could pass through the filters into the motors and damage them.

NOTE! The appliance should be stored in a dry and preferably warm place.

NOTE! When vacuuming hot ash, always use a pre-separator.

NOTE! The noise level of the appliance is 84 dB(A).



Check the dust container periodically to see if it is full, depending on the material being vacuumed.

2.2 Operation, model Eurovac 53 4800

Unlike other models, the Eurovac 53 4800 requires a 16A / 400V fuse. The appliance is fitted with thermal protection.

If the machine overheats (above 80 °C), it switches off automatically and restarts once it has cooled down.

The unit is fitted with a replacement air valve located in the suction connection, which provides the necessary replacement air when the suction is blocked.

NOTE! The replacement air valve must not be adjusted or blocked

The Eurovac 53 4800 model is equipped with a remote start function. When using the unit as a central vacuum cleaner, the automatic control cable must be connected and the power switch set to position 1. In this case, the unit starts from the vacuum socket.

The Eurovac 53 4800 model can be used as a standard industrial vacuum cleaner when the automatic control cable is not connected.



3. : Maintenance during use

The following sections describe the maintenance procedures that should be carried out frequently enough to ensure the unit's long service life. If suction power decreases, clean the filter by shaking it from the shaking rod and, if necessary, replace it with a new one. It is recommended to check the condition of the filter when emptying the waste container.

IMPORTANT! Never use a damaged filter!

NOTE! Always unplug the power cord from the socket before carrying out any maintenance.

3.1 Emptying the dust container

Remember to check from time to time that the vacuum cleaner's dust container has not become too full. The dust container of the Eurovac 53 industrial vacuum cleaner is emptied as follows.

The bin is emptied by lifting the bin support handle on the unit, which releases the bin from its position so that it can be emptied. Once you have emptied the bin, place it back into position by inserting the bin support handle into the clips and lock the bin in place by pressing the handle downwards.

NOTE! Always switch off the appliance before removing the waste bin.

NOTE! When vacuuming wet dirt or liquids, check frequently to ensure that too much liquid does not accumulate in the bin, as this could pass through the filters into the motors and cause damage.

The dust container on some Eurovac 53 industrial vacuum cleaners is fitted with a handle that allows the dust container to be lifted, for example, using a hall crane



3.1.1 Emptying and replacing the Longopac bag

1. Changing the bag

- Close the bag with a cable tie
- Attach another cable tie to the bottom of the new bag
- Pull the new bag off the roll

2. Changing the bag roll

- Remove the tension strap from around the bag
- Remove the locking pin supporting the bag holder on the inside.
- Pull the bag holder down
- Place a new bag on the holder.
- Put the holder back in place and secure the pin.
- Pull the inside of the bag up so that the tightening strap can be put back in place
- Pull a new bag from the roll and secure it with a cable tie



3.2 Filter maintenance

Clean the filter by shaking it on the shaking rod or, if the filter is very dirty, by brushing it, blowing it with compressed air or washing it with lukewarm water (40°C). When the filter is clean, you achieve maximum suction power and, at the same time, prolong the life of the vacuum cleaner. Cleaning the vacuum cleaner of dirt and debris frequently enough significantly extends its service life.

NOTE! **Never put a wet or damp filter back into the appliance after washing!**

NOTE! **Always ensure before use that the filter is in place and correctly fitted!**

NOTE! **Check that the filter shaking rod is locked in place at the bottom using the lock on the top cover of the vacuum cleaner.**



3.3 Maintenance of cleaning kits

Cleaning kit accessories with bristles also require occasional maintenance. The bristles can be cleaned simply by vacuuming, using a crevice tool, for example.

3.4 The most common spare parts

Code	Description	Additional information
013069	Star filter 53	
013070	Star filter 53 Teflon	optional
015039	Suction motor carbon brush	
034337	Torque switch with housing	53.53 trolley, 53 bag vacuum cleaner
034007	Cam switch "0-1" 3-pin	53 4800
015004	Suction motor 1300 W model F	

4. Operation in the event of a fault

The unit does not start

- Check that the switch(es) is/are in position "1".
- Check that the mains lead is plugged into a socket (earthed, 240V)
- Check the 16 A fuses
- Check that the switch is in position 1
- Check that the automatic control cable is connected
- Check that the power cable is connected (400 V / 16 A)

Dust or debris is coming out of the exhaust vent

- The filter may be broken
- The filter is not in place
- The motor brushes are worn
- The bearings are worn

Weak suction power

- Check the cleanliness and condition of the filter
- Is the suction hose blocked?
- Not all motors are engaged

The fuse blows

- Check that the fuse size is correct and adequate
- Contact the manufacturer or a professional service provider
- In the event of problems, contact the retailer or manufacturer.

5. Using the cyclonic separator

When the vacuum cleaner is fitted with a pre-separator, please note that the device operates on the pre-separation principle, meaning that dust generally collects in the first container.

To ensure the device functions correctly, it is advisable to monitor the container's fill level to prevent dust and debris from entering the main vacuum cleaner.

The container must always be emptied when it is half full, to ensure that separation efficiency remains at its best. It is not recommended to use the pre-separator to vacuum up glowing, burning and, in particular, hot and burning materials mixed together (ash/normal cleaning dust mixed together).

When vacuuming hot ash or glowing embers, vacuuming must be carried out intermittently to prevent the suction hoses from melting.

In other words, vacuum the ash for about 1–2 seconds, then allow the vacuum cleaner to draw in at least 5–10 seconds of cold replacement air from outside the ash chamber via the suction hose.

The pre separator must always be emptied after use.

NOTE! It is not recommended to be used for vacuuming a mixture of glowing, burning and, in particular, hot and burning material. (ash/normal cleaning dust mixed together).



When vacuuming hot ash, the vacuuming must be carried out intermittently to prevent the suction hoses from melting. In other words, vacuum the ash for about 2 seconds, then allow the vacuum cleaner to draw in about 6 seconds of cold replacement air from outside the ash compartment via the suction hose.

NOTE! Fire safety regulations must be observed when using the appliance.

NOTE! Note the order of the hoses leading to the cyclone separator.

6. Warranty

Suomen Imurikeskus Oy grants a twelve (12) month warranty for the product in accordance with the terms and conditions set out herein. The warranty covers defects in the device and manufacturing. The warranty may be voided if the product is modified, changes ownership, or is serviced by a non-authorized service centre.

WARRANTY TERMS

1. The warranty period for the product begins from the moment it is handed over to the customer, and the seller's receipt serves as proof of warranty.
2. Even if parts are replaced during the warranty period, the warranty period continues from that point and does not start afresh.
3. The following items are not covered by the warranty:
 - wear and tear parts, such as brushes, motor carbon brushes, bearings, filters, etc.
 - if the product is used contrary to the operating and installation instructions without a filter
 - the warranty does not cover unforeseeable causes of motor failure, such as lightning strikes, power surges, etc.
 - costs of transport, installation, maintenance, etc.
 - breakages and faults caused by careless use, transport damage or other damage
 - Damage caused by incorrect use or installation

7. Disposal of the device

Applies only to EU countries.

Do not dispose of electrical equipment with normal household waste.

Please dispose of it separately in accordance with local regulations.

This appliance is intended for professional use (B2B appliances).

Unlike appliances used in private households (B2C appliances), this appliance cannot therefore be returned to public collection points.

Disposal of the filter and filter bag

Provided they do not contain substances that must not be placed in general waste bins, they can be disposed of with normal mixed waste.

8. Compliance with standards

The delivery of the appliance is subject to the general terms and conditions of sale, unless otherwise agreed at the time of purchase. If the appliance does not work as it should, please contact the retailer or the manufacturer.

Manufacturer: Suomen Imurikeskus Oy

Valtatie 23 1141

29630 Pomarkku

Tel. 02 5767 00

www.suomenimurikeskus.fi

DECLARATION OF CONFORMITY

WE

Suomen Imurikeskus Oy Valtatie

23 1141

29630 Pomarkku We hereby

certify that this Eurovac 53

industrial vacuum cleaner

has been designed and manufactured in accordance with the

following specifications:

Machinery Directive 2006/42/EC

SFS-EN ISO 12100

Low Voltage Directive 2014/35/EU

SFS-EN 60204-1:2018

EMC Directive 2014/30/EU

Note!

The Declaration of Conformity is no longer valid if: modifications or additions have been made to the equipment without the manufacturer's permission. non-original spare parts have been used during maintenance.