



# USER MANUAL

V. BRØNDUM A/S  
Product No. A0800107



# RONDA<sup>®</sup> 20 Green Tech

Compact and handy industrial vacuum cleaner

**IMPORTANT!**

Read this manual before you operate the machine.



# RONDA® 20

## Table of Contents

<b>Description</b> .....	<b>4</b>
<b>Technical Data</b> .....	<b>4</b>
<b>Applications</b> .....	<b>4</b>
Emptying .....	4
<b>Safety Precautions</b> .....	<b>5</b>
<b>Safe Use of the Machine</b> .....	<b>6</b>
Unpacking .....	6
Electricity Connection .....	6
Before Use .....	6
Change of Filter Bag.....	6
Outlet for Electrical Hand Tools .....	6
Teflon Filter.....	6
HEPA-Filter.....	6
<b>Troubleshooting</b> .....	<b>7</b>
<b>Guidelines in Connection with Disposal of the Machine</b> .....	<b>7</b>
<b>Service and Repair</b> .....	<b>8</b>

# RONDA® 20

Congratulations on your new RONDA® 20 from V. BRØNDUM A/S.

## Description

RONDA® 20 is a robust and compact vacuum cleaner with a large suction and collection capacity. RONDA® 20 is - depending on the version – equipped with a 2 or 3 step filter system. All the versions have an authorized filter bag with a special closing system for dust free emptying. The vacuum cleaner has a powerful 1100 W flow through motor with a low noise level.



## Technical Data

Suction motor	1100 W
	230 V
Suction capacity, max.	2550 mmWC
Air flow, max.	54 l/sec
	194 m <sup>3</sup> /h
Noise level,	<70 (dBA)
Collection capacity	12 litres
Height	560 mm
Width	410 mm
Length	410 mm
Weight without accessories	9 kg

### Connection of electrical tools

Max. 2000 W may be connected to the power outlet of the vacuum cleaner.

#### NOTE:

If a hand tool with a consumption of energy of more than 1000 W is connected, the total power consumption will exceed approx. 10 A, which is often the normal fuse size.

## Applications

RONDA® 20 has been developed for indoor cleaning and collection of small quantities of remains in connection with repair or processing jobs, such as wood shavings and fine dust. Is ideal for collection from electrical hand tools.

RONDA® 20 is **not** suitable for collection of large quantities of very fine dust, such as plaster, cement and the like, as very fine dust will quickly block the bag, with the risk of subsequent bursting of the bag and damage of the suction motor.

## Emptying

RONDA® 20 may be used for the collection of dry dust only. Water and wet dust may spoil the filter bag.

## Safety Precautions

**RONDA® 20 is not approved for collection of flammable, explosive, poisonous or extremely health hazardous dust. Furthermore the user must make sure, that the machine is adapted to the task and that the legal requirements are observed.**

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

- DO NOT USE THE VACUUM CLEANER WITHOUT A PROPER GROUND CONNECTION. This vacuum cleaner is designed to be used with a grounding connection, in an installation with HFI or HPFI. The user is responsible for ensuring that the wall outlet is grounded. The ground connection of the plug must NOT be removed.
- RONDA® 20 must be connected to 230 V power supply. Make sure that the voltage and safety fuse of the power supply correspond with the data of the data plate and the information given in this manual.
- The user must ensure that the appliance is adjusted to the task and that regulatory requirements are met.
- Avoid damaging the supply cord. When replacing the supply cord, only use an original supply cord (see the spare parts list). V. BRØNDUM A/S, an authorized V. BRØNDUM A/S dealer or an equally qualified person must carry out the replacement in order to avoid danger. Regularly check the mains connection for damage, such as fissures or ageing. If damage is found, the supply cord must be replaced before further use.
- The plug must be removed from the power supply before repair and maintenance operations.
- The mains socket of the machine is to be used only for the purposes specified in the user manual
- This machine is intended for commercial use, e.g. in hotels, schools, hospitals, factories, shops, offices and rental businesses.
- **Before use** operators should be provided with information, instruction and training for the use of the appliance and the substances for which it is to be used, including the safe method of removal and disposal of the material collected.
- For user servicing, the appliance must be dismantled, cleaned and serviced, as far as is reasonably practicable, without causing risk to the maintenance staff and others. Suitable precautions include decontamination before dismantling, provision for local filtered exhaust ventilation where the appliance is dismantled, cleaning of the maintenance area and suitable personal protection.
- When carrying out service or repair operations, all contaminated items, which cannot be satisfactorily cleaned, are to be disposed of. Such items shall be disposed of in impervious bags in accordance with any current regulation of the disposal of such waste.
- The upper part of the motor top is a non-dust proof compartment, and when cleaning, the covers of this compartment are removed by loosening the screws fixing the covers.
- **IMPORTANT! The vacuum cleaner must not be started with covers removed.**
- **IMPORTANT! The motor top must not be covered when the vacuum cleaner is in use.**
- **IMPORTANT! NEVER USE THE VACUUM CLEANER WITHOUT THE FILTERS, AS THIS MAY REPRESENT A HEALTH RISK TO THE OPERATOR AND DAMAGE OF THE MOTOR.**

## Safe Use of the Machine

### Unpacking

Unpack the machine and check that all the parts ordered are there.

Please make sure that all the parts are undamaged. Pay special attention to the vacuum cleaner, motor top and cable. If one of these parts has been damaged, you must not start using the machine.

Contact the dealer or V. BRØNDUM A/S.

### Electricity Connection

Connect RONDA® 20 to 230 V AC at 50 Hz. See the type plate on top of the vacuum cleaner.

### Before Use

Before you start using the vacuum cleaner it is recommended to check the filter bag. Loosen the two black clips on the side of the RONDA® 20, lift the motor top away and place it carefully on the floor. Take out the Teflon filter and make sure that the filter bag is not filled. Change the filter bag, if necessary.

Place the motor top on the collection container again. Be careful not to damage the filter bag when the motor top is placed.

Fasten the motor top with the two clips.

Mount the suction hose in the coupling of the vacuum cleaner and connect the accessory suited for the task (tube, nozzle etc.).

### Change of Filter Bag

Remove the motor top as described and take out the Teflon filter. Remove the flange of the filter bag from the container coupling and close the filter bag.

Place a new filter bag in the collection container. Make sure that the flange is correctly mounted on the container coupling. Put the Teflon filter and motor top back and fasten the motor top with the two clips.

### Outlet for Electrical Hand Tools

RONDA® 20 is provided with an outlet for electrical hand tools. The outlet is placed on the back of the motor top.

Connect the electrical tool. Put the AUTO-button in position "O" and the ON/OFF-button of the vacuum cleaner in position "ON". Now the vacuum cleaner is automatically turned on and off, when the electrical hand tool is turned on and off. Please note that the RONDA® 20 has a post-suction of 10-15 seconds in order to empty the hose etc. of dust.

### Teflon Filter

RONDA® 20 is equipped with a Teflon filter which holds back the small particles. **Check regularly**, for instance in connection with the emptying, that the surface of the Teflon filter is intact. If the blue surface is worn (full of holes) the filter should be changed.

### HEPA-Filter

RONDA® 20 is equipped with a large HEPA-filter, which holds back the small particles. The HEPA-filter should be changed **once a year**.

**Check regularly that the HEPA-filter is intact and correctly placed.**

See the chapter concerning troubleshooting.

## Troubleshooting

If your RONDA® 20 does not collect the material in a satisfactory way, it may be due to several things:

*The suction hose, tube or nozzle may be blocked.*

- Remove the suction hose while the motor is running. If the sound of the motor changes, it indicates that the suction hose, tube or nozzle is blocked.
- Remove the blocking.

*The filter bag may be filled.*

- Cut off the electricity supply to the vacuum cleaner.
- Lift off the motor top.
- Change the filter bag as described in the chapter "Change of Filter bag".

*The HEPA-filter may be blocked.*

- Lift off the motor top.
- Screw out the mounting bolt and remove the blocked filter.
- Mount the new HEPA-filter.

## Guidelines in Connection with Disposal of the Machine



The product you have purchased is subject to Directive 2002/96/EC of the European Parliament and the Council of the European Union on waste electrical and electronic equipment (WEEE) and should not be disposed of as unsorted municipal waste. Please utilize your local WEEE collection facilities in the disposition of this product and otherwise observe all applicable national requirements.

Does the safe use or maintenance of the vacuum cleaner raise any questions, do not hesitate to contact either your dealer or V. BRØNDUM A/S.

## Service and Repair

Service and repair are free of charge within the guarantee period (invoice must be presented) provided that:

- The defect has been caused by a design fault or defective materials. (Normal wear and tear, misuse or insufficient maintenance is not covered by the guarantee).
- No repair attempts have been made by others than V. BRØNDUM A/S, or service centres approved by V. BRØNDUM A/S to carry out guarantee repairs.

Service free of charge includes replacement of defect parts and the cost for related working hours.

The machine is delivered via the V. BRØNDUM A/S dealer or direct, carriage paid, to:

**V. BRØNDUM A/S**  
Sadolinsvej 14  
**DK – 8600 Silkeborg**  
Tel.: 8682 4366  
Fax: 8680 3363  
E-mail: [v@broendum.com](mailto:v@broendum.com)  
[www.broendum.com](http://www.broendum.com)

Subject to changes.