



V. BRØNDUM
AIS

RONDA®

VACUUM CLEANERS FOR THE CONSTRUCTION INDUSTRY

RONDA® 200



RONDA® 200 – when life is too short for hobby vacuum cleaners

GREEN TECH Motor

An 1100 W CAP motor with improved suction performance and lower power consumption results in a higher efficiency. The noise level has been reduced as well. The suction power is 345 W according to IEC 60312. The machine is equipped with a soft starter, which reduces the power consumption in the start-up phase. This will both protect the motor and the electrical system of the machine and consequently result in a longer life.

Acoustic Alarm

A vacuum control system monitors the flow of air and sets off an acoustic alarm, if the velocity of the air flow in the hose is less than 20 m/sec. This will protect the user of the vacuum cleaner, especially when the vacuum cleaner is being used in connection with hand tools and the like, where it is difficult to focus on both the hand tool and the vacuum cleaner. Now the user can concentrate on the hand tool, as the vacuum cleaner will automatically warn about insufficient suction.

▼ HEPA Filter

Retains very fine particles. The filter system of a RONDA® vacuum cleaner retains 99.997% of all particles larger than 0.3 µm. This can be documented by test certificates from a recognized German testing institute if any authorities require documentation that the working environment fulfils the legal requirements.



▼ Disposal System

RONDA® 200 is emptied by removing the motor top after which the collection container is emptied or the synthetic bag replaced.

Select the method of dust collection according to the task:

In a synthetic bag



Directly into the collection container



▼ Filter Cleaning

As an extra guarantee of maximum suction power the machine is equipped with a simple and effective filter cleaning system, which enables the multi-tube filter to be cleaned without being removed. A thoroughly tested system with few movable parts that is very resistant to wear and tear.



▲ Power Outlet with Automatic Start/Stop Function

For ease of operation. The hand tool is connected to the power outlet of the vacuum cleaner, and a hose from the vacuum cleaner is connected to the exhaust of the hand tool. The vacuum cleaner starts automatically when the hand tool is switched on. When the hand tool is switched off, the post suction functions for approx. 7 seconds emptying the hose of dust.



▲ Multi-Tube Filter

The RONDA® multi-tube filter is made of a special Teflon-coated material, and the design of the filter with tubes ensures a very large filter surface. Furthermore, the filter tubes are mounted on springs, which make the tubes movable during operation. This gives a self-cleaning effect when the machine starts and stops. The filter is perfect for large quantities of very fine dust, such as cement, grinding dust etc. The multi-tube filter has a very long life, typically more than 3 years, which makes a RONDA® vacuum cleaner very cost-efficient in the long run.

The RONDA® Line

- When you want the possibilities!

The RONDA® vacuum cleaners have been developed specially for the construction industry. The continuous suction capacity and robustness of the machines ensure an effective cleaning of the construction site.

User-friendly

Solutions for dust and water combined into the same machine typically affect the filtration and involve high filter expenses. Cleaning the machine also becomes more time-consuming.

The RONDA® machines, in contrast, have been developed to perform clearly defined tasks such as suction of large quantities of fine dust and/or dust hazardous to the health.

The philosophy behind the RONDA® machines is that suction tasks are to be solved in an optimum manner. Suction tasks comprise the whole suction process from handling of the machine to continuous suction capacity, emptying and cleaning, etc. Experience shows that all-round vacuum cleaners will typically be "half-good" at most purposes, which is rarely good enough for the professional user.

There are many advantages of a clean working environment. New Swedish research shows that frequent exposure to heavy concentrations of dust at construction sites is very damaging to the lungs in the long run. A building site kept clean gives a professional image, and experience shows that unnecessary expenses for waste, accidental damages and repairs are reduced.

Remove the Dust where it is created

The most effective way to ensure a good and clean working environment is to remove the dust while it is being created. The RONDA® range has the suction capacity to remove the dust where it is created, whether attached to a hand tool or to a large floor grinding machine. Some RONDA® models are equipped with a power outlet with an automatic start/stop function for hand tools. The large RONDA® models have the power outlet as an optional feature.

Can be used for Asbestos and Building Dust

It is well known that asbestos is very hazardous to the health. The RONDA® product line includes machines with motor capacities varying from 1100 W to 3300 W. Four of the machines have the European H class approval and are suitable for asbestos and building dust. The H label is proof of approval under EN 60335-2-69 Appendix AA, which specifies the EU rules for vacuum cleaners used for dust hazardous to the health.

The H approval can be documented by a test certificate with specification of the retaining capacity of the filter system. For the RONDA® machines this capacity is 99.997% of all dust particles larger than 0.3 µm (0.0003 mm), which corresponds to 0.04 mg dust per m³ purified air.

An H approval does not cover solely the filter system, but rather the entire machine inclusive of the emptying process and general user safety. In the construction industry, asbestos is not the only material posing a health hazard. A RONDA® vacuum cleaner with an H approval guarantees a good working environment. The RONDA® line is not only perfect for fine and dry dust. The RONDA® 350 is also perfect for water-cooled processing of cement or concrete. Abrasive particles of concrete sludge make heavy demands on both the filter system as well as on the pump if the machine is fitted with one.



RONDA® 2000



RONDA® 2000 – For the heavy-duty requirements at the building site

GREEN TECH Motors

RONDA® 2000 is available with either 2 or 3 motors with a total capacity of either 2200 or 3300 W. The low-noise motors have a suction power of 530 or 780 W according to IEC60312.



▲ HEPA Filter

Retains very fine particles. The filter system of a RONDA® vacuum cleaner retains 99.997% of all particles larger than 0.3 µm. This means that max. 0.04 mg dust per m³ air is released.

▼ Multi-Tube Filter

The RONDA® multi-tube filters are made of a Teflon-coated material, and the design of the filter with tubes ensures a very large filter surface. Furthermore the filter tubes are mounted on springs, which make the tubes movable during operation. This has a self-cleaning effect when the machine starts and stops. Thus the filter is perfect for handling large quantities of very fine dust, such as cement, grinding dust etc. The multi-tube filter has a very long life, typically more than 3 years, which makes a RONDA® vacuum cleaner very cost-efficient in the long run.



Select the method of dust collection according to the task:

In a plastic bucket with a close-fitting cover. This is an advantage if there is a risk of sharp objects being sucked up.



Directly into the collection container.



Suction Capacity Indicator

A vacuum gauge shows whether the suction power is reduced, and hence when the filter requires cleaning with the filter cleaning system.



Filter Cleaning

As an extra guarantee of maximum suction power the machine is equipped with an effective filter cleaning system, which cleans the multi-tube filter while on the machine. The airflow is reversed and blows in the opposite direction through the filter thus cleaning the filter. A thoroughly tested system with few movable parts and which is very resistant to wear and tear.

▼ Transport

The machine is equipped with strong wheels and a strong, ergonomically designed steel frame protecting the machine during transport. Different details, such as the folding support wheels, facilitate the handling of the machine.

Static Electricity

When you work with large quantities of fine dust there is a high risk of creating static electricity. In order to avoid dissipation of static electricity through the user or through sensitive electronics the machine is designed to dissipate static electricity.

▼ Disposal System

The machine is emptied without it being necessary to remove the motor top. The emptying takes place directly from the bottom. The whole container is detached and removed from the machine. This makes the emptying easier and minimizes the quantity of dust raised.



In plastic sacks, which are closed with a cable tie, in order to avoid spreading dust during disposal.



RONDA® 350

RONDA® 350 – when there is no time for emptying

RONDAMATIC

Filter and operational monitoring to protect the machine. If the airflow is blocked, for instance because of a blocked hose or filter, the machine will first give a signal and subsequently stop if the airflow is not re-established within 20-30 seconds. Standard only on the RONDA® 350-V.

Holding Device for Suction Tube

Makes it possible to park tube and nozzle on the machine itself during transport.

Formation of Foam

The float valve construction prevents the foam from penetrating into the motor.

The volume of foam may take up to half of the container capacity without the risk of penetration of foam into the filter and the motor.



Suction Motor

Low-noise 1200 W bypass suction motor with a lifting capacity of 2400 mm H₂O.



▲ Washable Polyester Filter in The Dust Class M (According to EN 60335-2-69)

Protects the working environment and the motor top in case of dry dust being sucked up by mistake or by incorrect use.

▼ Discharge / Disposal Outlet

For disposal of water from the pump. If required, a hose can be attached to the outlet.



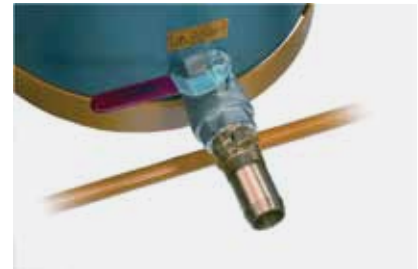
▲ Transport

The machine is built into a strong steel frame for protection. The ergonomic design combined with the strong rear wheels make the machine easy to handle..



▲ Heavy-Duty Submersible Pump

The strong oil-cooled pump transfers up to 300 l/min. and can cope with water containing a small quantity of abrasive particles. The pump makes it possible to work continuously without having to empty the machine every now and then. In case of simultaneous suction and pumping out, the capacity is 120-150 l/min. The pump has the capacity to lift the water up to a height of 9 meters. For extra protection the pump is equipped with a thermal cut-off device.



▲ Filter Sack

The liquid sucked up is filtered through a filter bag, and particles larger than 1.0 mm are retained while the liquid passes through. The filter sack is closed with an aluminium rail at the bottom and is easily emptied, plus the sack can be reused.

The **RONDA**[®] Product Line

Dry Dust

Liquid



20

Motor 1100 W
Suction capacity, max. 330 W
Collection capacity 12 l
HxWxL 570/410/410 mm
Weight without access. 10 kg



200H

Motor 1100 W
Suction capacity, max. 330 W
Collection capacity 16 l
HxWxL 795/430/450 mm
Weight without access. 15 kg



400H

Motor 1100 W
Suction capacity, max. 330 W
Collection capacity 22 l
HxWxL 890/585/510 mm
Weight without access. 27 kg



1200H

Motor 1100 W
Suction capacity, max. 330 W
Collection capacity 22 l
HxWxL 1140/575/510 mm
Weight without access. 30 kg



2000

Motor 2200/3300 W
Suction capacity, max. 530 W
Collection capacity 43 l
HxWxL 1320/655/620 mm
Weight without access. 48 kg



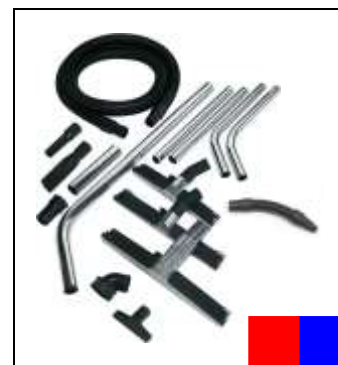
2600

Motor 2200 W
Suction capacity, max. 580 W
Collection capacity 35 l
HxWxL 1070/670/770 mm
Weight without access. 39 kg



3600

Motor 3300 W
Suction capacity, max. 650 W
Collection capacity 70 + 28 l
HxWxL 1640/720/1100 mm
Weight without access. 118 kg



Accessories for all purposes



300

Bypass motor 1200 W
Suction capacity, max. 285 W
Collection capacity 25 l
HxWxL 815/440/425 mm
Weight without access. 12 kg



350

Bypass motor 1200 W
Suction capacity, max. 285 W
Pump capacity per min. 300 l
HxWxL 1000/575/590 mm
Weight without access. 35 kg



500

Bypass motor 2400 W
Suction capacity, max. 425 W
Collection capacity 58 l
HxWxL 920/580/620 mm
Weight without access. 20 kg



550

Bypass motor 1500 W
Suction capacity, max. 280 W
Pump capacity per min. 187 l
HxWxL 920/580/620 mm
Weight without access. 35 kg

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