

Model 4000H SmartFlow Pat.



Super flexible heavy-duty class H vacuum cleaner for big tasks. Well suited for the construction, demolition, and renovation industries as well as the renting business and other industries dealing with large quantities of fine or health-hazardous dust.

RONDA® 4000H SmartFlow is the ultimate multi-tool for floor grinding professionals. It operates with a 15-20 metre Ø60mm hose on the large diamond grinder, with Ø50mm accessories for final cleaning and with Ø38mm hose on the edge grinder. The vacuum cleaner is supplied as standard with remote control, allowing the machine to be started and stopped from the end of the hose. In addition - relative to its suction performance - the machine is very handy and easy to handle.

The vacuum cleaner is equipped with four 1450 W motors, providing a very large airflow and high suction capacity. The suction power is adjusted automatically by means of the built-in patented "SmartFlow" function (DK/EP 4125522), which continuously measures air velocity and switches motors on and off as needed. An acoustic alarm warns if the airflow in the hose falls below 20 m/sec.

The large multi-tube filter is partially self-cleaning, but it can also be cleaned during operation using the shock valve – easily and efficiently, without dismantling the machine. The large filter area, combined with the cyclone inlet, enables the machine to handle large volumes of very fine dust, such as cement or plaster dust.

As standard, the RONDA® 4000H SmartFlow is equipped with the Longopac collection system, which enables dust-free emptying. However, the machine can be adapted with different collection/emptying systems depending on the customer's requirements and the specific task. For example, collection in a metal container or a combination of Longopac and container.

Technical Data

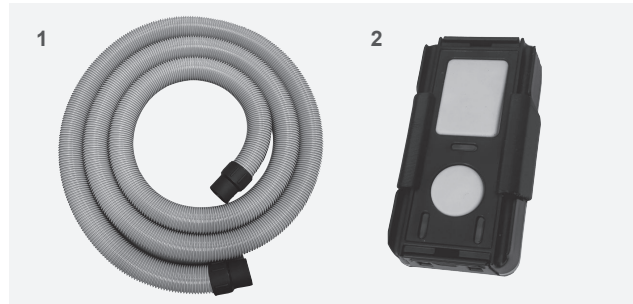
Blow through motor	4 x 1450 W
Voltage.....	400 V
Data of the installed motors:	
- Vacuum, max. (per motor)	3000 mmWC/29,5 kPa
- Air flow, max. (per motor).....	54 l/sec/194 m³/h
Air flow at hose coupling (5 m Schlauch)	130 l/sec/468 m³/h
Noise level (ISO 11201)	82 dB(A)
Pre-filter.....	1,87 m²
HEPA-filter	2,2 m²
Height (transport/operation).....	1590/1860 mm
Width	715 mm
Length/depth.....	800 mm
Weight without accessories	75 kg
Container coupling 1.....	Ø 60 mm
Container coupling 2 (bayonet)	Ø 38/50 mm
Cable length	0,75 m

- **SmartFlow function (patent DK/EP 4125522)**
- **Optional hose diameter in 5 steps (38 - 63 mm)**
- **Large suction power - four motors**
- **Soft start of motors**
- **Multi-tube filter technology → continuous suction power**
- **H-class (filtration 99,995%)**
- **Cyklone effect**
- **Filter cleaning during operation with shock valve**
- **Well suited as a dust extractor for floor grinding machines**
- **Acoustic alarm warns of low airflow**
- **Static electricity dissipation**
- **Copes with both cement and plaster dust as well as other types of construction dust**
- **Flexible and well-thought-out collection system**
 - Longopac
 - Container
- **Possibility of dust free emptying**
- **Possibility of emptying during operation (optional)**
- **Easy to transport**
- **Robust metal frame with large wheels**
- **Telescopic system for low transport height**
- **With RONDA -WA remote control**

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Standard Accessories

1. Plastic hose, antistatic Ø60 mm - 5 m complete with 2 x accessory fittings 60/60mm84.54.6020
2. RONDA -WA remote control, with batteries and 2 x mounting rings80.31.0020



Standard Filters

1. Multi-tube filter84.67.1098
2. HEPA-filter84.67.5037
3. Longopac mini xxx 68 µ (4 x 20 m)84.64.2801



Optional Extras

50 mm professional's set (antistatic) Ø5080.43.5025

1. Plastic hose 5m, Ø50 mm with bayonet coupling.....84.74.5013
2. Tube with bend80.52.5000
3. Metal tube 0,25 m.....80.52.5020
4. Crevice nozzle80.34.5000
5. Round brush80.34.5001
6. Plastic adapter.....80.34.5002
7. All-purpose floor nozzle B-50084.38.5010



8. Container 40 l, with wheels81.79.2797
9. Longopac dispenser81.89.0076
10. Flap valve without locking-mechanism81.89.0133

