

RONDA 1800H-S complete with carbon filter



Complete set, ready to use. The set consists of the RONDA® 1800H-S Power vacuum cleaner with Longopac and RONDA® carbon filter for PCB.

RONDA® 1800H-S Power is a powerful high-quality class H vacuum cleaner, well suited and also approved for vacuuming large volumes of fine and/or hazardous dust. This variant is equipped with a separate air outlet point so that the exhaust air can be led outside or, as here, through a carbon filter.

RONDA® 1800H-S can be used for general vacuuming as well as for dust extraction from grinding or cutting machines. The vacuum cleaner is equipped with Longopac collection system for quick and easy disposal of the vacuumed material and nearly dust-free emptying.

The built-in beeper alarm sounds when the air velocity in the hose falls below 20 m/s, for example if the hose is blocked or the filter needs cleaning, thereby warning the user of unnecessary dust exposure.

In combination with the RONDA® carbon filter, this setup is a good starting point for processing and sanitizing materials containing PCBs. The carbon filter is mounted on a practical trolley with four swivel castors and two lifting points for easy handling.

The life span of the carbon filter depends on the use and the absorbed concentration, and we recommend to test the filtering ability through regular measurements, or to exchange the filter periodically.

Tecnical data RONDA® 1800H-S Power

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|--------------------------------------------------------------|--------------------|
| PMax./PNom | 1450/1230 W |
| Voltage..... | 230 V |
| Power outlet, max. * | 2000 W |
| Min. consumption of power outlet / start-stop automatic | >100 W |
| Data of the installed motor: | |
| - Vacuum, max. (per motor)..... | 3000 mmWC/29,5 kPa |
| - Air flow, max. (per motor) | 54 l/sec./194 m³/h |
| - Air flow, measured** | 46 l/sec./166 m³/h |
| Noise level (ISO 11201)..... | <70 dB(A) |
| Pre-filter | 1,4 m² |
| HEPA-filter | 1,2 m² |
| Height | 1300 mm |
| Width | 550 mm |
| Length/Depth | 550 mm |
| Weight without accessories | 31 kg |
| Container coupling..... | Ø 50 mm |
| Length of supply cable..... | 8 m |

* CH: 850 W

** Data of the vacuum cleaner with 4 m Ø 38 mm hose

Tecnical data RONDA® carbon filter for PCB

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|------------------------------------------------|------------|
| Filter content: | |
| Active carbon | 2,2 kg |
| Max. air flow (when filtering PCBs)..... | 160 l/sec. |
| Length..... | 840 mm |
| Width | 340 mm |
| Height | 435 mm |
| Weight incl. filter | 15,5 kg |
| Weight filter..... | 9,5 kg |
| Intake (RONDA® standard bayonet coupling)..... | Ø 38/50 mm |
| Outlet, standard ventilation hose..... | Ø 160 mm |

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Standard Accessories

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|-----------------------------------------------------------|-------------------|
| 40 mm professional's set (antistatic) | 80.43.4039 |
| 1. Plastic hose, antistatic, Ø 38 mm, 4 m | 84.74.3806 |
| 2. Complete tube with bend | 80.52.2160 |
| 3. Crevice nozzle | 80.34.4000 |
| 4. Round brush | 80.34.4001 |
| 5. Tool adapter with air adjustment, Ø 25 and Ø 32 | 83.89.4950 |
| 6. All-purpose floor nozzle B-370 with brush strips | 84.38.3620 |



In addition to the professional's set, this model is supplied with a 6 m hose including couplings for connecting the carbon filter to the vacuum cleaner:

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|--------------------------------------------------------------------|------------|
| 7. Plastic hose, antistatic, Ø 50 mm, 6 m incl. couplings | 84.54.5020 |
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Standard Filters

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|------------------------------------------|------------|
| 1. Multi-tube filter | 84.67.1110 |
| 2. HEPA-filter | 84.67.5036 |
| 3. Longopac bags, 1 package 4x20 m | 84.64.2801 |
| 4. Carbon filter unit | 84.67.6102 |



Machine Variants and Optional Extras

Suction hose can be supplied by the meter according to the user's wishes.

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|--------------------------------------------|------------|
| Antistatic hose Ø38 mm, by the meter | 84.54.3800 |
| Antistatic hose Ø50 mm, by the meter | 84.54.5000 |

The vacuum cleaner can also be supplied with a metal container instead of Longopac; RONDA 1800H-S-C Power (on request).

The carbon filter can also be used together with RONDA 200H-S Power, product no. 82.06.1133.