



Model 1800H Power with Longopac

82.06.1801



RONDA® 1800H Power is a powerful H-class vacuum cleaner of high quality, which is suitable for large quantities of very fine and/or health hazardous dust. This machine can be used for general vacuuming and as a dust extractor for e.g. grinding or cutting machines.

The machine is equipped with Longopac, making it quick and easy to dispose of the collected material. Furthermore, a nearly dust-free emptying is possible.

RONDA® 1800H Power is equipped with the latest motor technology which ensures a strong suction power, even if a longer suction hose is required. A built-in soft start reduces the power consumption during start-up and consequently protects the motor as well as the electrical system.

If the air flow in the hose should drop below 20 m/sec., for instance when a filter needs cleaning, the hose is blocked, or the machine needs emptying, an alarm in the form of a beep signal will be activated, warning the user of the risk of dust exposure.

The large multi-tube filter has a self-cleaning effect, which in combination with the Teflon-coating makes the filter perfect for large quantities of fine dust, such as cement or gypsum dust. An efficient shock valve makes it possible to clean the multi-tube filter during operation. This is a robust system without many movable parts and with a long life span.

RONDA® 1800H Power comes with a robust trolley frame that protects the machine and also facilitates transportation.

TECHNICAL DATA

VERSION 2020

PMax./PNom	1450/1230	W
Voltage	230	V
Power outlet, max.*	2000	W
Min. consumption of power outlet	>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

- Suitable for extraction from hand tools
- Self-cleaning Teflon-coated multi-tube filter (BIA dust class M)
- Continuous suction power
- Filter cleaning during operation
- IFA classified HEPA filter in dust class H (filters 99.995% at 0,3 µm)
- Power outlet with automatic start-/stop function
- Trolley frame with large wheels
- Emptying from the bottom with collection in Longopac bag
- Low noise level
- Static electricity dissipation
- Beeper alarm in case of too low air flow
- Soft start of motor
- 7 sec. post-suction when using hand tools
- Parking holder for tube and floor nozzle (see photo next page)
- Available with separate exhaust coupling
- Available with built-in flap valve
- Available with outlet for operation on second fuse group
- Available with remote control and wireless alarm
- Also available as a model with collection container

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STANDARD ACCESSORIES:

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 w/air adjustment Ø-25 & Ø-32 mm 83.89.4950

6 All-purpose floor nozzle B-370 84.38.3620

Suction hoses can be supplied in customized dimensions, so that length, diameter and couplings of the hose are the best possible for the task.

STANDARD FILTERS:

1 Multi-tube filter..... 84.67.1110

2 HEPA-filter..... 84.67.5036

3 Longopac bags 1 package 4x20 m 84.64.2801

Parking holder for tube and floor nozzle

MACHINE VARIANTS AND OPTIONAL EXTRAS:

• RONDA® 1800H Power with collection container ... 82.06.1804

• RONDA® 1800H-S Power - complete machine with separate exhaust coupling mounted.¹
With Longopac 82.06.1811

• Separate exhaust coupling for removal of smoke and unpleasant fumes from e.g. cutting and grinding tasks. Unmounted.¹ 84.31.0043

• RONDA® 1800H Power with Longopac and built-in flap valve.² 82.06.1819

• RONDA® 1800H -WA Power with Longopac - complete machine with remote control and wireless alarm 82.06.1823

1. RONDA® 1800H Power with 16A in-/outlet for operation on second fuse group.
With Longopac 82.06.1816

2. Flap valve complete, unmounted.² 81.89.0133

3. RONDA® -WA remote control. Standard equipment for 82.06.1823, and applicable on standard RONDA® 1800H Power produced after 1-1-2022, upon installation of communication PCB 80.31.0026.³ 80.31.0020

4. Communication PCB for remote control.³ 80.31.0026

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- 1) An outlet hose ø 50 mm is required
- 2) The Longopac dispenser is equipped as standard with a metal grille that prevents the bag from being sucked in. If the vacuum cleaner is used for e.g. shavings or fibers, these can get caught in the grille and cause blocking. In such cases, it is advantageous to install a flap valve instead of the metal grille.
- 3) Installation must be performed by V. Brøndum A/S or an approved service technician.