

# ROBÒ

## TR800

A truly trustworthy assistant.



The perfect partner for all central vacuum systems.



The features of an irreplaceable assistant.

*KIT ROBÒ TR800 is the new frontier of TUBÒ, Aertecnica's central vacuum system.*

*It is the only vacuum cleaning and floor washing robot with the automatic emptying of the dust directly into the central vacuum system.*

Compatible with all central vacuum systems

KIT ROBÒ is the perfect complement for any central vacuum system. Its Automatic base with Plug and Play technology is compatible with all the vacuum sockets\*\* in the house, from the top floor to the bottom floor. Cleaning is always under control!

*It is the best house helper*

It is the one which does not make its presence felt. ROBÒ was created for this purpose: it can be activated also with a remote control thanks to the special App, its cleaning schedule can be programmed at any time during the day and

it can be left to act completely autonomously and silently, even when there is nobody at home.

Its battery guarantees a long life. ROBÒ is truly a trustworthy assistant: because time is precious.

## The main advantages

- The Automatic base is installed with Plug and Play technology for immediate use, it has been designed to be used on its special TUBÒ configuration but not only on that one, it can also be installed on all existing TUBÒ vacuum cleaners, but also on those of other brands. Simply position the recharging station in the special seat of the self-cleaning base, then insert the activating connector in the suction socket and connect the charger to a power socket and cover with the specific pipe the connection between the suction socket and the self-cleaning base.

- The exclusive self-cleaning system SCR (Self-Cleaning ROBÒ) of the set formed by ROBÒ and self-cleaning base connected to TUBÒ multiservice (or to any other central vacuum system) drastically reduces the maintenance of the robot discharging directly to the central vacuum unit the collected dust and microdust removing them completely from the cleaned surfaces. In this way nobody will ever come into contact with the dirt.

The self-cleaning system (SCR) Self-cleaning ROBÒ does not limit itself to emptying the dust container but at the same time it cleans the filters and the main brush which during the self-cleaning cycle comes into operation with microrotations which minimise the accumulation of dirt facilitating the removal of the material present in the dust container. In this way, the self-cleaning system (SCR) Self-Cleaning ROBÒ guarantees an optimal working of ROBÒ for long periods also keeping it ready for use with maximum efficiency. The main brush, with bristles and spatulas has a helicoid shape which reduces the wrapping around of fibres, hair, etc.

- ROBÒ is small: its height allows to pass under spaces of 8 cm. While its height on the recharge base is 13 cm, ideal for installation in spaces with minimum heights which are not less than this (under kitchen furniture, closets, etc.).

## And in cases of existing buildings, without central vacuum units?

In many cases one can benefit from the great advantages provided by TUBÒ and its pairing with ROBÒ, first and foremost the one concerning health, with minimal interventions also in existing and not prearranged homes. Many residences and apartments have construction characteristics which include balconies, best if servicing the kitchen area but also other areas, that with a simple through hole in the external wall, enable to install a central vacuum unit outdoors and to use a vacuum socket indoors, with different solutions that in any case ought to be tested on a case-by-case basis.

In this way, besides the well-known advantages of the TUBÒ central vacuum system you can also benefit from all the advantages of the brand new ROBÒ KIT.

On the right, one can see an example of how an installation could be made with a simple through hole on the external wall.

There are TUBÒ central vacuum units for any requirement, also smaller, ideal for outdoor use on balconies or terraces.

\* It is recommended to regularly check that the central brush is free from obstacles such as, for example, hair or strands which may reduce the effectiveness of cleaning. The frequency of the check may vary depending on the type of floor.

\*\* For vacuum sockets different from those with connections (which activate the central vacuum unit with the insertion of the operating hose) find the most suitable solution beforehand.

## Cleaning? As simple as breathing.

### Automatic emptying of dust with a connection to the central vacuum system.

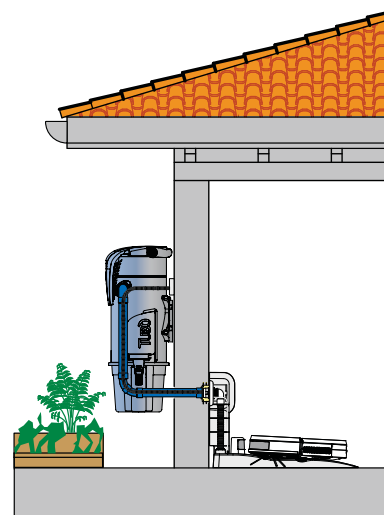
At the end of operation ROBÒ returns to the self-cleaning base, it places itself on the connections of the recharge base and sets off its internal self-cleaning. This activates the process which rotates the main roller brush with synchronised jerks and switches on the central vacuum unit of the TUBÒ system long enough to ensure the emptying of the dust container, the reconditioning of the filters and brushes.\* A special internal deflector, combined with the exclusive airflow pipe system, ensures that the ROBÒ dust container is always clean.

ROBÒ will always be ready for use, avoiding any contact with the dust.

### Connection to the vacuum sockets

The connection of the KIT ROBÒ self-cleaning base to the TUBÒ multiservice always takes place in the same way, by connecting the self-cleaning base to a specially made or existing vacuum socket. However, in the case of existing installations there are some small variations which depend on the different models of suction sockets available on the market and their type of connection to the central vacuum unit.

KIT ROBÒ's self-cleaning base has been designed to adapt to the different types of vacuum socket models available on the market.\*\*



# TUBÒ

Airway to Comfort

DOWNLOAD THE APP



Rotating wheels

Recharge connections

## APP TUBÒIROBÒ

Via the special APP, you can

- start or end the cleaning also when you are not at home;
- view the cleaning cycles' history;
- programme the cleaning (daily or weekly);
- adjust suction power.
- adjust the quantity of water released during cleaning;
- activate or deactivate the automatic self-cleaning function;
- search for the ROBÒ when it has not returned to the recharging station;
- select the cleaning mode.

## INTELLIGENT NAVIGATION

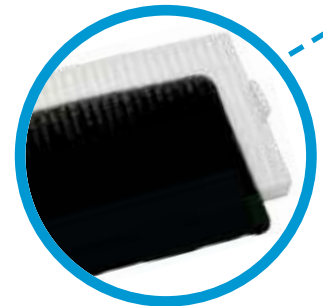
Thanks to the **magnetic tape** it is possible to delimit the areas to which ROBÒ must not have access.



## ALL-ROUND CLEANING

It is ROBÒ's high efficiency HEPA and Sponge filter and dust container that are truly responsible for the cleaning operations. For this reason, they both self-clean automatically at the end of each cycle.

Thanks to the integration with the TUBÒ central vacuum system, cleaning well also means breathing clean air!



In the TUBÒ | ROBÒ TR800 package you will find:

- A** ROBÒ TR800 Robot vacuum cleaner and floor washer
- B** Docking Station
- C** Water tank for floor washer + 1 spare microfibre Mop
- D** 2 additional edge cleaning brushes
- E** ROBÒ magnetic tape
- F** Battery charger
- G** HEPA filter + sponge filter
- H** Cutter-comb for brush maintenance



*The kit interfacing with the central vacuum system must be purchased separately (connectors and flexible hose for the vacuum socket and ROBÒ's recharge base).*



### AGAINST MICRO WASTE AND ALLERGENS

The suction power and the accuracy of **ROBÒ's edge cleaning brushes** enable to remove even the smallest waste like crumbs or animal hair. The air inside the home will be free from potential allergens.



### COMPATIBLE WITH ANY CENTRAL VACUUM SYSTEM

KIT ROBÒ discharges the collected dust and microdust directly into the central vacuum system. Rotating wheels In this way one never comes into contact with the dirt.



### TECHNOLOGY WITHOUT OBSTACLES

Robot is equipped with shock and fall arrest sensors which enable it to detect any obstacles or danger zones. You just have to let it work!

Fall arrest sensors



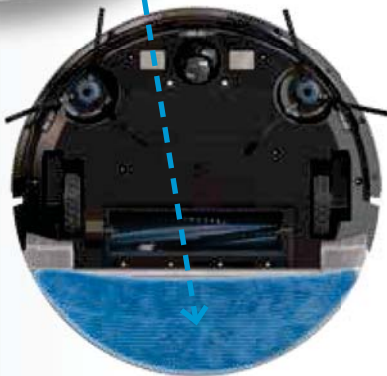
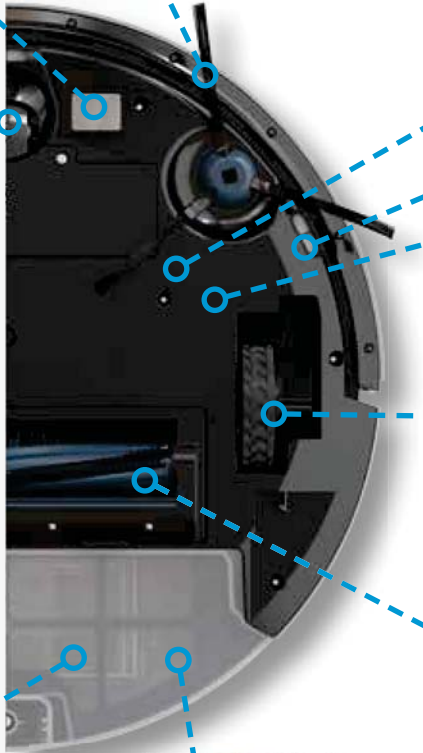
### ON EVERY SURFACE

ROBÒ is a friend of all surfaces and with its **wheels allowing movement** it passes fearlessly on carpets and floors of all kinds: tiles, stone, linoleum. With the certainty of an ever accurate cleaning.



### BRUSHES FOR ANY REQUIREMENT

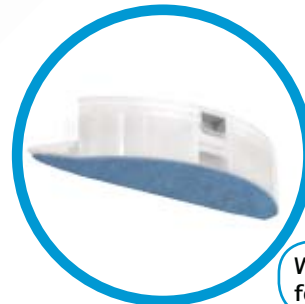
The **main roller brush**, with rubber bristles and spatulas has a helicoid shape in order to avoid the wrapping around of fibres, hair, etc. Moreover, it is not necessary to change it to clean different types of floors.



Microfibre Mop for floor washing

### INTEGRATED FLOOR WASHER

Double function, perfect cleaning of the home and of the air. After vacuum cleaning, simply replace the dust container with the floorwashing water tank to allow ROBÒ to clean the floors. The Mop can be safely washed in the washing machine.



Water tank for floor washer



## Line

## TUBÒ® | ROBÒ

|       |         |
|-------|---------|
| Model | TR800   |
| Code  | KTR800A |

### Technical Specifications

|                           |            |           |
|---------------------------|------------|-----------|
| Power supply              | Volt (Vac) | 120 / 240 |
| Motor power               | Watts (W)  | 28        |
| Frequency                 | Hz         | 50/60     |
| Suction power             | pa         | 1800      |
| Noise level               | dB         | < 65      |
| Working time              | min        | 100       |
| Surface area coverage (*) | mq/ora     | 60        |
| Fall arrest sensors       | n°         | Si   4    |
| Shock sensors             | n°         | Si   11   |
| Climbing angle            | °          | 15°       |
| Maximum height obstacles  | mm         | 15        |
| Minimum operating height  | mm         | 80        |
| Dust container capacity   | ml         | 600       |
| Water tank capacity       | ml         | 150       |

### Characteristics

|  |  |
|--|--|
| Dust disposal and cleaning of filters        | Automatic with connection to the TUBÒ systems and to other Central Vacuum Systems. |
| Artificial intelligence and navigation       | Wall Following   Gyro Mapping Technology   |
| App operating systems                        | iOS - Android  |
| Compatibility with voice commands            | Amazon Alexa and Google Assistant  |
| Wi-Fi connection                             | Yes  |
| Recharge and automatic restart of operations | Yes  |
| Vacuum cleaner                               | Yes  |
| Floor washer                                 | Yes  |
| Water tank                                   | Yes  |
| MOP material                                 | Microfibre cleaning cloth  |
| Suction Filter                               | HEPA and Sponge + Main Filter  |
| Main Brush                                   | 1 rubber brush + contra-rotating bristles + diaphragm                              |
| Side brushes                                 | 2 multisurface brushes with edge cleaning bristles                                 |
| Types of surfaces                            | Multisurface: wood, tiles, moquette, stone, linoleum                               |

### Accessories and spare parts supplied

|  |     |
|--|-----|
| Complete self-cleaning base                | 1   |
| Adjustable hose covering protection column | 1   |
| Recharge base with charger                 | 1   |
| Charger                                    | 1   |
| Edge cleaning brush                        | 2   |
| Dust container                             | 1   |
| Water tank                                 | 1   |
| Microfibre MOP                             | 1   |
| Magnetic tape                              | 1 m |

### Robò weight and size

|          |    |      |
|----------|----|------|
| Weight   | kg | 4,00 |
| Diameter | mm | 350  |
| Height   | mm | 75   |

### Weight and size self-cleaning base

|                            |    |         |
|----------------------------|----|---------|
| Weight                     | kg | 2,00    |
| Width                      | mm | 300     |
| Height self-cleaning base  | mm | 55      |
| Length                     | mm | 540     |
| Height with column min/max | mm | 130/480 |



## Order Codes

### Kit ROBÒ TR800 Automatic Plug and Play for traditional vacuum system

|                     |  |
|---------------------|--|
| <b>Code KTR800A</b> | For central vacuum systems TUBÒ or others                                  |
| <b>Including:</b>   |  |
| 1                   | ROBÒ TR800 with dust container complete with deflector and brushes brushes |
| 1                   | Tank with water doser for floor washer with microfibre cloth               |
| 1                   | Microfibre cloth for floor washing   |
| 2                   | Edge cleaning brushes (1 rt + 1 lt)  |
| 1                   | Sponge filter  |
| 1                   | HEPA filter  |
| 1                   | Recharge base  |
| 1                   | Charger  |
| 1                   | Cutter comb for brush maintenance  |
| 1                   | Magnetic tape 1m   |
| 1                   | Use and maintenance manual Robò RT800                                      |
| 1                   | Self-cleaning base   |
| 1                   | Socket protection cover  |
| 1                   | Curved frame kit   |
| 1                   | Universal connector with connection lead                                   |
| 1                   | Connection lead 1m   |
| 1                   | Flexible hose d.25 for connection 1.35m                                    |
| 1                   | Base tube gasket   |
| 1                   | Coupling gasket  |
| 1                   | Installation guide for KIT KTR800A   |

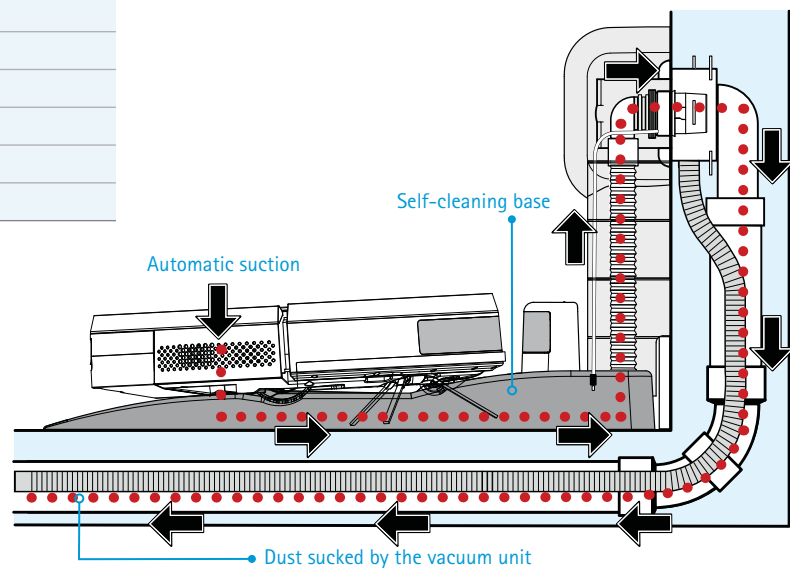
### Optional Technical Spare Parts

|               |  |
|---------------|--|
| <b>ATR801</b> | Robò remote control  |
| <b>RTR804</b> | Dust container complete with deflector and filters               |
| <b>RTR806</b> | Water tank for floor washer with doser 3 microfibre cloths (Mop) |
| <b>ATR802</b> | Magnetic tape 1m   |
| <b>RTR807</b> | Battery recharging station including charger                     |
| <b>RTR808</b> | Battery  |

### Spare parts Consumables

|               |   |
|---------------|---|
| <b>RTR801</b> | Cutter comb for brush maintenance   |
| <b>RTR802</b> | Spare brushes kit for Robò: 1 main brush + 2 side brushes                   |
| <b>RTR805</b> | Microfibre cloth for floor washing (Mop), 3 pcs.                            |
| <b>RTR809</b> | Spare parts kit for filters 1 main filter + 1 sponge filter + 1 HEPA filter |

Diagram of the flow of dust from ROBÒ to the self-cleaning base



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