



Floor-cleaning machines

adiate[®]**k**

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VIEW PDF



Scrubbers

**WALK
BEHIND**

adiate[®]**k**



BABY

series baby

Scrubbers

Baby is a single brush scrubber presented in two different versions, depending on the brush dimension.

Baby, with a Ø 35 mm brush, is available in the cable powered version, the lead batteries version and the one with the lithium battery.

The Ø 43 mm brush version is available only with the lead batteries or the lithium battery and it is equipped also with the squeegee rotation patented system, which follows the machine in every movement.



baby-e Code: K1000002

Theoretical working capacity: 1240 m²/h

- Machine without traction
- Power supply: 230V 50Hz
- Cleaning width: 345 mm
- Brush / pad pressure: 30 kg
- Solution tank / recovery tank: 12.5 / 13.5 L
- Disc brush: 1 x 345 mm
- Brush speed: 145 rpm



baby Code: K1000001

Theoretical working capacity: 1240 m²/h

- Machine without traction
- Power supply: 24V 28Ah
- Cleaning width: 345 mm
- Brush / pad pressure: 25 kg
- Battery autonomy: 60 - 75 min
- Solution tank / recovery tank: 15 / 16 L
- Disc brush: 1 x 345 mm
- Brush speed: 170 rpm



baby plus Li Code: K1000012

Theoretical working capacity: 1240 m²/h

- Machine without traction
- Power supply: 24V 40Ah
- Cleaning width: 345 mm
- Brush / pad pressure: 25 kg
- Battery autonomy: 2h + power cable
- Solution tank / recovery tank: 15 / 16 L
- Disc brush: 1 x 345 mm
- Brush speed: 170 rpm



baby 43 Code: K13000001

Theoretical working capacity: 1500 m²/h

- Machine without traction
- Power supply: 24V 34Ah
- Cleaning width: 430 mm
- Brush / pad pressure: 35 kg
- Battery autonomy: 75 min
- Solution tank / recovery tank: 23 / 23 L
- Disc brush: 1 x 430 mm
- Brush speed: 150 rpm



baby 43 Li Code: K1300012

Theoretical working capacity: 1500 m²/h

- Machine without traction
- Power supply: 24V 40Ah
- Cleaning width: 430 mm
- Brush / pad pressure: 35 kg
- Battery autonomy: 105 min
- Solution tank / recovery tank: 23 / 23 L
- Disc brush: 1 x 430 mm
- Brush speed: 150 rpm





RUBY



series
ruby

Scrubbers

This series of walk-behind scrubbers are suitable for surfaces up to 2200m².

These versions differ themselves for the working width, the traction, the power supply and the type of cleaning system.

Easy to operate, extremely compact and maneuverable, perfect for small environments, it grants an optimal cleaning on every type of floor.

The strong polyethylene tanks and the large battery can offer a great autonomy when it is time to clean also narrow areas which require a high maneuverability. This model is able to carry out the cleaning work with a professional quality.

On the **ruby 45c** model the brushes base is provided with two cylindrical brushes.

ruby 48e Code: K0500301

Theoretical working capacity: 1700 m²/h

- Machine without traction
- Power supply: 230V 50Hz
- Cleaning width: 485 mm
- Brush / pad pressure: 25 kg
- Solution tank / recovery tank: 45 / 45 L
- Disc brush: 1 x 485 mm
- Brush speed: 180 rpm



ruby 48bl Code: K0100401

Theoretical working capacity: 1700 m²/h

- Machine without traction
- Power supply: 24V 110Ah
- Cleaning width: 485 mm
- Brush / pad pressure: 20 kg
- Battery autonomy: 2 - 4 h
- Solution tank / recovery tank: 40 / 45 L
- Disc brush: 1 x 485 mm
- Brush speed: 155 rpm



ruby 48blt Code: K0100411

Theoretical working capacity: 2030 m²/h

- Machine with traction
- Power supply: 24V 110Ah
- Cleaning width: 508 mm
- Brush / pad pressure: 30 kg
- Battery autonomy: 2 - 4 h
- Solution tank / recovery tank: 40 / 45 L
- Disc brush: 1 x 508 mm
- Brush speed: 150 rpm



ruby 45c Code: K0100021

Theoretical working capacity: 1670 m²/h

- Machine without traction
- Power supply: 24V 110Ah
- Cleaning width: 460 mm
- Brush pressure: max 30 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 40 / 45 L
- Cylindrical brush: 2 x 95 mm
- Brush speed: 950 rpm



ruby 50t Code: K0100211

Theoretical working capacity: 2000 m²/h

- Machine with traction
- Power supply: 24V 110Ah
- Cleaning width: 500 mm
- Brush / pad pressure: 30 kg
- Battery autonomy: 2 - 4 h
- Solution tank / recovery tank: 40 / 45 L
- Disc brush: 1 x 508 mm
- Brush speed: 185 rpm





JADE

series jade

Scrubbers

This model is available in five different version for working width and cleaning system.

The polyethylene tanks, in spite of their large capacity, make the design compact even handy for use in narrow areas.

All the versions are provided with an adjustable pressure brushes base, an electronic control of the traction (which is optional on the 55c model) and a squeegee with a quick lock, that can be also adjusted on its height and pressure.

The rich standard equipment, which includes also an hour-meter, a key switch, a solenoid valve and brushes motor ampere protection device, makes this model one of the most competitive in its category in terms of value for money.

The **jade 50 orbital** model is provided with a cleaning base equipped with a pad, which can be chosen depending on the surface to clean.

jade 50t Code: K0200001

Theoretical working capacity: 2250 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width: 508 mm
- Brush / pad pressure: max 36 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 53 / 56 L
- Disc brush: 1 x 508 mm
- Brush speed: 165 rpm



jade 50 orbital

Code: K0200301

Theoretical working capacity: 2250 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width: 508 mm
- Brush / pad pressure: max 50 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 53 / 56 L
- Pad measurement: 500 x 350 mm



jade 55c

Code: K0200121

Theoretical working capacity: 2475 m²/h

- Machine with or without traction
- Power supply: 24V 180Ah
- Cleaning width: 530 mm
- Brush pressure: max 32 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 53 / 56 L
- Cylindrical brush: 2 x 105 mm
- Brush speed: 900 rpm



jade 66

Code: K0200201

Theoretical working capacity: 3000 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width: 660 mm
- Brush / pad pressure: max 50 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 53 / 56 L
- Disc brush: 2 x 345 mm
- Brush speed: 200 rpm





series opal

Scrubbers

Opal is a very strong and compact scrubber.

It is a walk-behind machine that puts together the big tanks capacity and the ease of driving.

The balance between dimensions, tank capacity and battery autonomy makes this machine suitable for an intense professional work.

The accessories that made up the equipment make this machine complete for any cleaning need.

opal 66 Code: K1400001

Theoretical working capacity: 2740 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width: 685 mm
- Brush / pad pressure: max 50 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 75 / 85 L
- Disc brush: 2 x 355 mm
- Brush speed: 160 rpm



NEW

opal 70 orbital Code: K1400301

Theoretical working capacity: 1400 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width: 700 mm
- Brush / pad pressure: max 60 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 75 / 85 L
- Disc brush: 700 x 350 mm
- Brush speed: 160 rpm



opal 80 Code: K1400101

Theoretical working capacity: 3140 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width: 785 mm
- Brush / pad pressure: max 50 kg
- Battery autonomy: 3 - 5 h
- Solution tank / recovery tank: 75 / 85 L
- Disc brush: 2 x 406 mm
- Brush speed: 160 rpm



series amber

Scrubbers

It is the biggest Adiatek walk-behind machine. **Amber** is ideal for medium-large surfaces and is very easy to handle. It is also suitable for floors with obstacles where a ride-on machine would proceed very slowly.

The ergonomic controls and the hydraulic pump make this machine easy to use without any efforts.

Amber 83 Code: K0300101

Theoretical working capacity: 3750 m²/h

- Machine with traction
- Power supply: 36V 240Ah
- Cleaning width: 830 mm
- Brush / pad pressure: max 80 kg
- Battery autonomy: 4.5 – 6.5 h
- Solution tank / recovery tank: 100 / 105 L
- Disc brush: 2 x 430 mm
- Brush speed: 162 rpm



Scrubbers

RIDE-ON

adiate[®]*k*

series **QUARTZ**

Scrubbers

With the **QUARTZ 66/80** Adiatek changes the design. This model was indeed included in the Adi Design Index 2017, the Italian productive excellence catalogue in the design field.

The stand-up position allows the operator to easily step up and down while the digital display helps even the less skilled operators on operating the machine. This model is also provided with two suction modes (standard and silent) and a geared motor for each one of the two brushes.

Following the experience with the baby 43 model, also the **QUARTZ 50** was equipped with the patented rotating squeegee system, in order to have perfect drying during every movement.



QUARTZ 50 Code: K1700001

Theoretical working capacity: 2032 m²/h

- Machine with traction
- Power supply: 24V 110Ah
- Cleaning width: 508 mm
- Brush / pad pressure: max 22 kg
- Battery autonomy: 2 h
- Solution tank / recovery tank: 55 / 80 L
- Disc brush: 1 x 508 mm
- Brush speed: 140 rpm



QUARTZ 66 Code: K1500001

Theoretical working capacity: 4110 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width: 685 mm
- Brush / pad pressure: max 57 kg
- Battery autonomy: 4 - 5 h
- Solution tank / recovery tank: 100 / 106 L
- Disc brush: 2 x 355 mm
- Brush speed: 160 rpm



QUARTZ 80 Code: K1500101

Theoretical working capacity: 4710 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width: 785 mm
- Brush / pad pressure: max 57 kg
- Battery autonomy: 4 - 5 h
- Solution tank / recovery tank: 100 / 106 L
- Disc brush: 2 x 406 mm
- Brush speed: 160 rpm



series coral

Scrubbers

This series offers professional cleaning quality to work in large and small areas, with the advantages of the ride-on drive mode and the low operating costs.

All the coral models comes with the “automatic” mode that manages all the functions and a “break-washing” mode that optimize the final stage of the cleaning by setting an automatic shut off. Thanks to those settings it is possible to operate the machine by activating a single button.

The **coral 65m** version is equipped with a front traction wheel, while the **coral 85** model relies on a rear-wheels drive.



coral 65m Code: K0800101

Theoretical working capacity: 3300 m²/h

- Machine with traction
- Power supply: 24V 240Ah
- Cleaning width: 700 mm
- Brush / pad pressure: max 60 kg
- Battery autonomy: 3 - 4 h
- Solution tank / recovery tank: 100 / 105 L
- Disc brush: 2 x 355 mm
- Brush speed: 160 rpm



coral 70s Code: K0800021

Theoretical working capacity: 3500 m²/h

- Machine with traction
- Power supply: 24V 240Ah
- Cleaning width: 700 mm
- Battery autonomy: 3.5 - 4.5 h
- Solution tank / recovery tank: 100 / 105 L
- Cylindrical brush: 2 x 150 mm
- Brush speed: 785 rpm



coral 85 Code: K0800201

Theoretical working capacity: 4250 m²/h

- Machine with traction
- Power supply: 24V 240Ah
- Cleaning width: 850 mm
- Brush / pad pressure: max 80 kg
- Battery autonomy: 2.5 - 3.5 h
- Solution tank / recovery tank: 100 / 105 L
- Disc brush: 2 x 430 mm
- Brush speed: 168 rpm





SAPPHIRE

series sapphire

Scrubbers

Sapphire is the concrete answer to the professional work needs especially in terms of reliability, safety and investment appreciation.

The powerful rear traction assembly grants to work on slopes up to 10% and it is controlled by a safe, electronic system.

sapphire 85 Code: K0600101

Theoretical working capacity: 5200 m²/h

- Machine with traction
- Power supply: 36V 240Ah
- Cleaning width: 850 mm
- Brush / pad pressure: max 85 kg
- Battery autonomy: 4 - 6 h
- Solution tank / recovery tank: 110 / 120 L
- Disc brush: 2 x 430 mm
- Brush speed: 162 rpm





TOPAZ

series
TOPAZ

Scrubbers

TOPAZ 90 is the first floor-cleaning machine in the world to be equipped with an adjustable footboard, combined to the possibility to adjust also the position of the seat and the steering column. This gives the operator the ergonomics needed when operating the machine.

The standard equipment of this machine provides the automatic dosing system (3S System) and it is suitable with the 3SD and Ozone system.

TOPAZ 90 Code: K160001

Theoretical working capacity: 6750 m²/h

- Machine with traction
- Power supply: 36V 320Ah
- Cleaning width: 900 mm
- Brush / pad pressure: max 140 kg
- Battery autonomy: 3.5 - 4.5 h
- Solution tank / recovery tank: 180 / 190 L
- Disc brush: 2 x 460 mm
- Brush speed: 190 rpm





DIAMOND

series diamond

Scrubbers

It is the largest machine of the ride-on range, with a design that is always connected with the essential shapes of the Adiatek machines. Equipped with an alternate current (AC) traction wheel, it allows great performances even on slopes up to 10%.

diamond 100p ac Code: K0700201

Theoretical working capacity: 7000 m²/h

- Machine with traction
- Power supply: 36V 500Ah
- Cleaning width: 1000 mm
- Brush / pad pressure: max 160 kg
- Battery autonomy: 5 - 7 h
- Solution tank / recovery tank: 235 / 250 L
- Disc brush: 2 x 510 mm
- Brush speed: 162 rpm



diamond 100s Code: K0700121

Theoretical working capacity: 7000 m²/h

- Machine with traction
- Power supply: 36V 500Ah
- Cleaning width: 1000 mm
- Battery autonomy: 5 - 7 h
- Solution tank / recovery tank: 235 / 250 L
- Cylindrical brush: 1 x 150 mm, 1 x 280 mm
- Brush speed: 933 rpm, 500 rpm
- With sweeping side brush





ARIES

Sweepers

Powerful and robust, the Adiatek Aries 70 is a walk-behind sweeper with easy and intuitive controls.

It has two front trays to facilitate lower weight when emptying and is equipped with a dual-wing electric filter shaker that allows for effective removal of dust from the panel filter.

NEW

adiatek[®]
Design and innovation



Aries 70 Code: K5000001

- Central brush cleaning path: 700 mm
- Side brush cleaning path: 900 mm
- Number of collection trays: 2
- Total collection volume: 50 L
- Emptying system: Manual
- Traction motor: 95 W
- Brush gearmotor: 75 W
- Brush motor revolutions: 220 rpm
- Suction motor: 75 W
- Maximum theoretical productivity: 3150 m²/h
- Type of filter: Paper filter
- Filtering surface of filter: 2.5 m²
- Maximum speed: 3.5 km/h
- Maximum gradient: 2%
- No-load machine weight: 100 kg
- Machine dimensions:
L: 1390 mm / W: 914 mm / H: 970 mm
- Power source up to: 24 V / 110 Ah
- Battery compartment:
L: 354 mm / W: 352 mm / H: 323 mm
- Noise level: < 70 dB (A)



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