Floor-cleaning machines





Scrubbers WALK BEHIND

adiate

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series baby

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

baby, with a \emptyset 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

Theoretical working capacity: 1.240 m²/h

- Machine without traction
- Power supply: 230V 50Hz
- Cleaning width 345 mm
- Brushes pressure 30kg
- Battery autonomy - -
- Solution tank / recovery tank 12,5/13,51
- Disc brush 1x345 mm
- Brush speed 145 rpm

baby

Theoretical working capacity: 1.240 m²/h

- Machine without traction
- Power supply: 24V 28Ah
- Cleaning width 345 mm
- Brushes pressure 25kg
- Battery autonomy 60-75 min
- Solution tank / recovery tank 15/16l
- Disc brush 1x345 mm
- Brush speed 170 rpm

baby plus Li

Theoretical working capacity: 1.240 m²/h

- Machine without traction
- Power supply: 24V 40Ah
- Cleaning width 345 mm
- Brushes pressure 25kg
- Battery autonomy 2h + power cable
- Solution tank / recovery tank 15/161
- Disc brush 1x345 mm
- Brush speed 170 rpm



Power supply: 24V 34Ah Cleaning width 430 mm Brushes pressure 35kg Battery autonomy 75 min Solution tank / recovery tank 23/231 Disc brush 1x430 mm Brush speed 150 rpm

baby 43 Li

baby 43

Machine without traction

Theoretical working capacity: 1.500 m²/h

Theoretical working capacity: 1.500 m²/h

- Machine without traction
- Power supply: 24V 40Ah
- Cleaning width 430 mm
- Brushes pressure 35kg
- Battery autonomy 105 min
- Solution tank / recovery tank 23/23l
- Disc brush 1x430 mm
- Brush speed 150 rpm







It is the Adiatek series of walk-behind scrubbers suitable for surfaces up to 2.200 m². The versions differ themselves for the working width, the traction, the power supply and the type of cleaning system.

Easy to operate, expremely 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 van offer a great autonomy when it is time to clean also narrow areas which require a high meanuverability. This model is able to carry out the cleaning work with a professional quality.

The **ruby 48bh 3SD** version is the only one to have the 3SD dosing system, for water and detergent solution, available on a walk-behind machine. The system is part of the standard equipment.

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

ruby 48e

Theoretical working capacity: 1.700 m²/h

- Machine without traction
- Power supply: 230V 50Hz
- Cleaning width 485 mm
- Brushes pressure 25kg
- Battery autonomy - -
- Solution tank / recovery
- Disc brusho 1x485 mm
- Brush speed 180 rpm



ruby 48bl

Theoretical working capacity: 1.700 m²/h

- Machine without traction
- Power supply: 24V 110Ah
- Cleaning width 485 mm
- Brushes pressure 20kg
- Battery autonomy 2-4 h
- Solution tank / recovery tank 40/45 l
- Disc brush 1x485 mm
- Brush speed 155 rpm



Theoretical working capacity: 2.030 m²/h

- Machine with traction
- Power supply: 24V 110Ah
- Cleaning width 508 mm
- Brushes pressure 30kg
- Battery autonomy 2-4 h
- Solution tank / recovery tank 40/45 l
- Disc brush 1x508 mm
- Brush speed 150 rpm



adiatek

ruby 48 bh 3sd

Theoretical working capacity: 2.030 m²/h

- Machine with traction
- Power supply: 24V 110Ah
- Cleaning width 508 mm
- Brushes pressure 30kg
- Battery autonomy 2-4 h
- Solution tank / recovery tank 40/42 |
- Disc brush 1x508 mm
- Brush speed 150 rpm

ruby 55/55t

Theoretical working capacity: 1.500/2.200 m²/h

- Machine with or without traction
- Power supply: 24V 110Ah
- Cleaning width 550 mm
- Brushes pressure max 24.5 kg
- Battery autonomy 2-4 h
- Solution tank / recovery tank 40/45 |
- Disc brushes 2x285 mm
- Brushes speed 280 rpm

ruby 45c

Theoretical working capacity: 1.670 m²/h

- Machine without traction
- Power supply: 24V 110Ah
- Cleaning width 460 mm
- Brushes pressure max 30 kg
- Battery autonomy 3-5 h
- Solution tank / recovery tank 40/45 l
- Cylindrical brushes 2x95 mm
- Brushes speed 950 rpm







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 for an handy use even in narrow areas.

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

The rich standard equipment, which includes also an hourmeter, 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 choosen depending on the surface to clean.

jade 50

Theoretical working capacity: 2.250 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width 508 mm
- Brushes pressure max 36 kg
- Battery autonomy 3 5 h
- Solution tank / recovery tank 53/56 l
- Disc brush 1x508 mm
- Brushes speed 165 rpm

jade 55

Theoretical working capacity: 2.475 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width 550 mm
- Brushes pressure max. 32 kg
- Battery autonomy 3 5 h
- Solution tank / recovery tank 53/56 l
- Disc brushes 2x285 mm
- Brushes speed 370 rpm

jade 55c/55ct

Theoretical working capacity: 2.475 m²/h

- Machine with or without traction
- Power supply: 24V 180Ah
- Cleaning width 530 mm
- Brushes pressure max. 32 kg
- Battery autonomy 3 5 h
- Solution tank / recovery tank 53/56 l
- Cylindrical brushes 2x105 mm
- Brushes speed 900 rpm





jade 66

Theoretical working capacity: 3.000 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width 660 mm
- Brushes pressure max. 50 kg
- Battery autonomy 3 5 h
- Solution tank / recovery tank 53/56 |
- Disc brushes 2x345 mm
- Brushes speed 200 rpm

jade 50 orbital

Theoretical working capacity: 2.250 m²/h

- Machine with traction
- Power supply: 24V 180Ah
- Cleaning width 508 mm
- Pad pressure max 50 kg
- Battery autonomy 3 5 h
- Solution tank / recovery tank 53/56 |
- Pad measurements 500x350 mm









Equipped with a display and electronic controls, this model was designed for large areas. The brushes base is provided with two geared motors, one for each brush, and the suction motor can switch from standard to silent mode with just a click. It is also possible to equip this machine with both the Ozone and 3S systems.

opal 66

Theoretical working capacity: 2.740 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width 685 mm
- Brushes pressure max 50 kg
- Battery <u>autonomy</u> 3 <u>5 h</u>
- Solution tank / recovery tank 75/85 I
- Disc brushes 2x355 mm
- Brushes speed 160 rpm



opal 80

Theoretical working capacity: 3.140 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width 785 mm
- Brushes pressure max 50 kg
- Battery autonomy 3 5 h
- Solution tank / recovery tank 75/85 l
- Disc brushes 2x405 mm
- Brushes speed 160 rpm



Scrubbers RIDE-ON



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With the *DUARTZ* **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 **QUATT 50** was equipped with the patented rotating squeegee system, in order to have a perfect drying during every movement.

00277600

Theoretical working capacity: 2.032 m²/h

- Machine with traction
- Power supply: 24V 110Ah
- Cleaning width 508 mm
- Brushes pressure max 22 kg
- Battery autonomy 1.30-2 h
- Solution tank / recovery tank 58/80 l
- Disc brush 1x508 mm
- Brushes speed 140 rpm

2175600

Theoretical working capacity: 4.110 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width 685 mm
- Brushes pressure max 52 kg
- Battery autonomy 4 5 h
- Solution tank / recovery tank 100/106 |
- Disc brushes 2x355 mm
- Brushes speed 160 rpm

DUARTZ80

Theoretical working capacity: 4.710 m²/h

- Machine with traction
- Power supply: 24V 210Ah
- Cleaning width 785 mm
- Brushes pressure max 57 kg
- Battery autonomy 4 5 h
- Solution tank / recovery tank 100/106 |
- Disc brushes 2x405 mm
- Brushes speed 160 rpm



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series COral

This series offers the Adiatek 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 thei **coral 65II** and the **coral 85** model relies on a rear-wheels drive.

coral 65m

Theoretical working capacity: 3.300 m²/h

- Machine with traction
- Power supply: 24V 240Ah
- Cleaning width 660 mm
- Brushes pressure max. 60 kg
- Battery autonomy 3-4h
- Solution tank / recovery tank 100/105 |
- Disc brushes 2x345 mm
- Brushes speed 190 rpm

coral 6511

Theoretical working capacity: 3.300 m²/h

- Machine with traction
- Power supply: 24V 240Ah
- Cleaning width 660 mm
- Brushes pressure max. 80 kg
- Battery autonomy 3-4h
- Solution tank / recovery tank 100/105 |
- Disc brushes 2x345 mm
- Brushes speed 161 rpm

coral 85

Theoretical working capacity: 4.250 m²/h

- Machine with traction
- Power supply: 24V 240Ah
- Cleaning width 850 mm
- Brushes pressure max. 80 kg
- Battery autonomy 2,5-3,5h
- Solution tank / recovery tank 100/105 |
- Disc brushes 2x430 mm
- Brushes speed 168 rpm







series Sapphire

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

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

sapphire 85

Theoretical working capacity: 5.200 m²/h

- Machine with traction
- Power supply: 36V 240Ah
- Cleaning width 850 mm
- Brushes pressure max 85 kg
- Battery autonomy 4 6 h
- Solution tank / recovery tank 110/120 |
- Disc brushes 2x430 mm
- Brushes speed 162 rpm





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 egonomics 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.

70722 90

Theoretical working capacity: 6.750 m²/h

- Machine with traction
- Power supply: 36V 320Ah
- Cleaning width 900 mm
- Brushes pressure max 140 kg
- Battery autonomy 3,5 4,5 h
- Solution tank / recovery tank 180/190 |
- Disc brushes 2x460 mm
- Brushes speed 190 rpm



series **cliamonc**

It is the largest machine 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 130 differs from the other models because it is the only one of the Adiatek range to have a brushes base provided with 4 brushes, each one equipped with its own geared motor.

diamond 100p ac

Theoretical working capacity: 7.000 m²/h

- Machine with traction
- Power supply: 36V 500Ah
- Cleaning width 1000 mm
- Brushes pressure max 160 kg
- Battery autonomy 5 7 h
- Solution tank / recovery tank 235/250 |
- Disc brushes 2x510 mm
- Brushes speed 162 rpm



diamond 130

Theoretical working capacity: 9.100 m²/h

- Machine with traction
- Power supply: 36V 500Ah
- Cleaning width 1300 mm
- Brushes pressure max 160 kg
- Battery autonomy 5 7 h
- Solution tank / recovery tank 235/250 l
- Disc brushes 4x355 mm
- Brushes speed 220 rpm



Sweepers RIDE-ON



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coral 70s

Theoretical working capacity: 3.500 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 |
- Cylindrical brushes 2x150 mm
- Brushes speed 785 rpm

sapphire 85s

Theoretical working capacity: 5.200 m²/h

- Machine with traction
- Power supply: 36V 240Ah
- Cleaning width 850 mm
- Battery autonomy 4 6 h
- Solution tank / recovery tank 110/120 |
- Cylindrical brushes 2x150 mm
- Brushes speed 785 rpm



series SWEEDELS

For the ride-on machines Adiatek made also a version with a sweeping brushes base.

Those machines are particularly indicated for situations in which there is the need to collect dirt and debris from the floor more than just the standard cleaning. The dirt is then collected into the designated brushes base compartment.

70722 85s

Theoretical working capacity: 6.375 m²/h

- Machine with traction
- Power supply: 36V 320Ah
- Cleaning width 850 mm
- Battery autonomy 3.5 4.5 h
- Solution tank / recovery tank 180/190 l
- Cylindrical brushes 2x150 mm
- Brushes speed 785 rpm



diamond 100s

Theoretical working capacity: 7.000 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 brushes 1x150 mm 1x280 mm
- Brushes speed 933rpm 500rpm



DESIGN AND INNOVATION



Registered office Via Monte Pastello, 14 San Giovanni Lupatoto 37057 Verona - Italia Tel. +39 045 877 9086 Production site Via Saturno, 25 Santa Maria di Zevio 37059 Verona - Italia T. +39 045 606 6289

ww.adiatek.com