

Battery-driven combi ride-on scrubber with sweeping device and disc brush technology for deep cleaning, maintenance cleaning and polishing of areas up to 10 000 m<sup>2</sup> - saves one working step.

**Standard accessories:**

- Disc brush
- Traction drive
- Automatic water stop
- Parking brake
- Adjustable steering wheel
- Pre-sweeping attachment
- Vacuum sweeping unit (including side brushes)
- Longlife fan
- Solenoid valve
- Side brush



**Order no.: 1.480-411.0**

**Technical data**

Working width, brush (mm)	1000
Working width, vacuum (mm)	1200
Tank fresh/dirt water (l )	250/250
Area performance (m <sup>2</sup> /h )	6000
Brush rotation speed (rpm )	140
Brush contact pressure (g/cm <sup>2</sup> )	35
Battery Voltage (V )	36
Battery Capacity	-
Motor rating (W )	max. 6500
Container l	60
Weight (kg)	700
Dimensions (L x W x H) (mm)	2400x1060x1550
Sound pressure level	-

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## Details

### Description

The BD 100/250 R I is equipped with sweeping module and disc brushes. The new constructed machine is characterised by an easy and practical operation. All functions of sweeping, scrubbing, polishing and vacuuming are equipped with simple and self-explaining symbols. The BD 100/250 R I changes automatically all necessary modules of the chosen programme. The orientation of un-learned persons are made easier. Adjustment of the steering column to the user's size for an ergonomical working as well as well-being advantages. The buckled steering column allows a sloped steering to the driver and concurrent hanging of the wheel from top without coasting. Thereby an area measured contact surface of the wheel with noticeable improvement of traction in bends, reduced surface load and increasing of the life-time. The sweeping device adapts to uneven surfaces independent of the main machine, prevents damages and ensures a consistent cleaning result. An exact detergent dosage is possible by using a hose pump (as option). Simple constructed and shock-resistant brush-head. In collision with objects the brush head which is mounted horizontal and vertical resilient avoids hitting objects and protects against damages. In comparison with the old brush head made of metal the new is made of light and impact resistant plastic and corrosion-free. Better protection of drive belt against moisture. Automatically reduction of contact pressure when overload and so protection of brush head against overload and damage. The new control system will be introduced for application in scrubbers and sweepers. It is possible to adapt all functions and parameters via laptop to the customer's requirements in a short time, e.g. different languages. Exact error messages will be shown. Single, maybe faulty components can be separated and changed. Not any longer the whole control system must be changed, thereby saving time and money

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### Application

Through the working width of 1000 mm a practical performance of 5000 m<sup>2</sup>/h is possible with the BD 100/250 R I. Working times up to 5 hours are possible by generous dimensioned batteries. Thereby the BD 100/250 R I is also usable on large areas.

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### Features & Benefits

Detergent dosage via hose pump (optional) (DOSE - demand oriented supply of detergent) 2x10 Liter-can fixed at the vehicle, dosage can be changed between 0,5 - 4,0 % during driving. Fresh water tank / Waste water tank Each 250 Liter, large opening for cleaning, Protection of turbine by flat pleated filter. Modification of handling, steering wheel, step Ergonomical working and thereby lower exhausting as well as well-being advantages by adjustment of the steering column on the user's size (approx. 2 cm). Step tread for an easier step in and step out. New brush head Protection against impact, rubber lips at the side. Service-friendly modular steering Defect modules can be changed singular. Interface makes possible strike up of data or read out of error messages etc. Standardised user concept - Single-knob-operation (EASY operation) Self-explaining, individual adjustment of parameter possible. Sweeping module Includes all functions of a vacuum sweeper, easily to activate, overthrow principle, filter with automatic filter cleaning, bulk waste flap, innovative suspension adjusts to surface irregularities. Turning circle only 2,12 m Easy handling also on close placed areas. Comfort seat The spring loaded sitting is adjustable on different operators sizes. The tiltable backrest and the armrests on both sides allow long and fatigue-proof operating times also by a high surrounding temperature through the sturdy and permeable to moisture cloth cover.

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## Accessories

### Anbausatz Recyclingbetrieb

#### Recycling mode kit

Not together with detergent metering 2.641-011.

Order no. 2.640-884.0



#### ABS recycling

Order no. 2.640-884.7



### Disc Brushes for BD

#### Disc brush, medium, 500 mm

Medium, for all floors.

Order no. 6.370-970.0



#### Disc brush, hard, 500 mm

Hard, for heavy soilings und for deep cleaning. For unsensitive floors only.

Order no. 6.370-972.0



### Pad drive board

#### Pad drive board 500 mm

500 mm

Order no. 6.906-334.0



**Pads**

**Pads, hard**

Hard, for persistent soilings and for deep cleaning.

**Order no. 6.369-077.0**



**Pads, medium hard**

Medium hard, for cleaning stubborn soilings and for deep cleaning.

**Order no. 6.369-078.0**



**Pad, medium soft**

Medium soft, for wet-cleaning of all surfaces and for spray cleaning.

**Order no. 6.369-079.0**



**Polishing pad**

**Diamond pad**

For restauration as preparation for the purple pad.

**Order no. 6.371-195.0**



**Diamond pad**

For cleaning and high-gloss polishing.

**Order no. 6.371-196.0**



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## Round filter

### Round filter

Synthetic filter, moisture-proof, washable, saves maintenance costs

**Order no. 6.414-532.0**



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## sonstiges

### Side brush kit

Right and left.

**Order no. 2.640-720.7**



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### Detergent metering kit

An easy on-board dosing system directly from the detergent container.

**Order no. 2.641-011.0**



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### Chemical metering device

An easy on-board dosing system directly from the detergent container. Will be mounted ex work.

**Order no. 2.641-011.7**



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### Splash guard

wear resistant for an extra long lifetime

**Order no. 5.394-773.0**



## sonstiges

### Filling hose

For easy filling from the tab

**Order no. 6.389-524.0**



### Cleaning agent wall dosage kit

Directly connectable with the tab, water and detergent will be filled in the fresh water tank in the preset mixture. Can also be used with filling system kit.

**Order no. 2.641-811.0**



### Suction hose accessories

For taking in water from corners or containers (e.g. deep freezers). 3.25 m

**Order no. 4.444-015.0**



### Additional weight kit

ensures that squeegee glides optimally

**Order no. 5.031-498.0**



## Spray extraction mounting kit

### Spray suction kit

Simplifies cleaning areas inaccessible for machines.

**Order no. 2.640-938.0**



## Standard main roller brushes

### Standard sweeping roller

Moisture-proof universal bristles, longlife, suitable for all surfaces

Order no. 6.906-375.0



## Standard side brushes

### Standard side brush

Moisture-proof universal bristles, longlife, suitable for all surfaces

Order no. 6.905-986.0



## Suction bar, complete

### Suction bar, straight, 1180 mm

Straight, with supporting rolls. Squeegees consist of oil resistant polyurethane.

Order no. 4.777-304.0



### Suction bar, curved, 1160 mm

Curved, with supporting rolls. Squeegees consist of oil resistant polyurethane.

Order no. 4.777-314.0



## Vacuum sweepers and scrubber-dryers - 36 V

### Battery

in tray with central filling system

Order no. 6.654-136.0

