

DATA SHEET

SCRUBBER
DRYER

RA 85|BM 90



G. Staehe GmbH u. Co. KG
Mercedesstraße 15
D 70372 Stuttgart
Telephone +49 (0) 711/95 44 - 960
export@columbus-clean.com
www.columbus-clean.com

columbus

VERSATILE AND THOROUGH

MAXIMUM EFFICIENCY FOR MEDIUM AND LARGE AREAS.

The 90-litre class delivers the optimum in comfort and flexibility for professional cleaning in the toughest conditions. It elegantly combines great performance over large surfaces with simple operation and maximum manoeuvrability.

An impressive overall concept with outstanding efficiency.



CLASSY FEATURES:

- » **Quick-Fill system:** The machine is filled autonomously with 90 litres of fresh water via the Quick-fill connection with Auto-Stop.
- » **Powerful performance:** Two 800-watt brush motors ensure uncompromising cleaning performance.
- » **Optimum suction:** The adjustable curved suction nozzle and the powerful suction motor pick up the dirt even on bends without leaving any residue.
- » **Fast adjustment:** Work ergonomically at any height with the quick to adjust steering handle.
- » **Compact construction:** With a length of 138 cm, the machine fits in all common lifts and can be completely turned around within 1.6 m.
- » **Long running time:** Up to 5 hours running time, thanks to a battery capacity of up to 305 Ah 5.



User-friendly:

- » **Fast and clean at the touch of a button:** Automatic change of work tools with the patented brush holder system.
- » **Short set-up times:** Chemical dosing and chemical tank accessible from the outside.
- » **Simply hygienic:** The two-tank system and tool-free exchangeable lid seals ensure hygienic cleaning and disinfection in compliance with the HACCP concept or hygiene plan.
- » **Simply clean:** The long waste water hose is attached to the side to save space and allows convenient emptying.

Environmentally conscious:

- » **Always right:** With the standard electronic water dosing system, the amount of cleaning solution required is dosed, constantly ensuring optimum cleaning performance for the entire duration of use.
- » **Good for the environment and your budget:** The optional integrated chemical dosing system.

Suitable for industrial use:

- » **Different tyre variants:** Configurable to the requirements of the property to be cleaned.
- » **Robust overall concept:** Reliable performance without downtimes, thanks to the use of high-quality components.
- » **Adjustable brush pressure:** The adjustable brush pressure of up to 73 kg guarantees first-class results, even on the most heavily soiled floors.

CHARACTERISTIC FOR COLUMBUS:



ROBUST MATERIAL



MAXIMUM SUCTION



SILENT VERSION AS STANDARD, 60 dB(A)



ERGONOMIC WORK



ADJUSTABLE BRUSH PRESSURE, 73 kg



AUTOMATIC TOOL CHANGE



QUICK FILL AS STANDARD



MADE IN GERMANY



TECHNICAL DATA

columbus

DATA	RA 85 BM 90 iL
L x W x H	1380 x 890 x 1235 mm
Working width	850 mm
Suction width	980 mm
Theoretical coverage max.	3400 m ² /h
Noise level	60 dB(A)
Empty weight	154 kg
Operating weight	436 kg (240 Ah 5)

BATTERIES / ELECTRICAL DATA	
Rated voltage	24 V
Power max.	2340 W
Number of batteries	4
Capacity wet max.	255 Ah 5
Capacity gel max.	305 Ah 5

TANK	
Solution tank capacity	90 l
Recovery tank capacity	95 l

BRUSHES AND PAD HOLDERS	
Number	2
Speed	180 rpm
Power brush motor	2 x 800 W
Brush pressure	43 - 73 kg

MOTORS	
Suction: low pressure, max.	110 mbar
Suction: air flow, max.	32 l/s
Drive motor: rated current	300 W
Speed	6 km/h



Fast and clean: automatic tool change.



Powerful suction: streak-free floors which can be walked on immediately.

ALL FEATURES AT A GLANCE:

	RA 85 BM 90
Automatic tool change	✓
Electrically adjustable brush unit	✓
Integrated charger	●
External charger	✓
Traction motor	✓
Chemical dosing system	●
Electronical water dosing system	✓
Silent version	✓

✓ = as standard

● = optional

G. Staehle GmbH u. Co. KG
 Mercedesstraße 15
 D 70372 Stuttgart
 Telephone +49 (0) 711/95 44 - 960
 export@columbus-clean.com
 www.columbus-clean.com