

THE BLUE ALL-ROUNDER

SCRUBBER
DRYER

THE NEW 40-LITRE CLASS



2017/9 | Tec

RA 55|BM 40
columbus

columbus

THE BLUE ALL-ROUNDER

**AS CONVENIENT AS A LARGE MACHINE,
AS COMPACT AND MANOEUVRABLE AS A SMALL ONE.**

The new manoeuvrable all in the 40 litre class deliver the convenience and equipment for long, intensive cleaning work combined with the benefits of easy handling and compact dimensions. Extremely easy to use and configurable for any requirement, they make the efficient cleaning of small and medium sized areas a real pleasure!

The diversity of options and the typical columbus features make professional cleaning more effective - productivity which pays dividends.



THE 40-LITRE CLASS AT A GLANCE:

Without any compromise:

- » Robust mechanics: reliable operation without down-times using the mechanical brush unit and squeegee tool lowering system.
- » High brush pressure: best cleaning results, even on extremely dirty floors.
- » Superb suction: the powerful suction motor and the adjustable curved shaped squeegee tool ensure streak-free floors which can be walked on immediately.
- » Whisper noise level: silent equipment as standard for cleaning during business hours and in noise sensitive areas.
- » Fast adjustable guiding bar: for fatigueless and ergonomic work.
- » Intuitive display: clear and functional, easy to use for everybody.
- » Quick Stopp as standard: maximum safety and uncompromising convenience for the user.
- » As close as possible: developed to work right into the corners.



Extremely easy to service:

- » Fast and clean at the touch of a button: automatic tool change using the patented brush connection system.
- » Short set-up times: easy access to the chemical dosing system.
- » Hygiene made easy: the dual tank system (including tool free removable cover seal) ensures hygienic cleaning and disinfection according to HACCP standards.
- » Functional and tidy: run-off hose attached securely on the side.
- » Easy maintenance: recovery tank can be tilted laterally for quick access to batteries and motors.
- » Flexible operation: using the on-board charger, as standard equipment.

Consistent and environmentally friendly:

- » Not too much and not too little: the electronic water dosing system supplies precisely the correct volume of cleaning solution.
- » Protects the environment and your wallet: equipped with integrated chemical dosing system.
- » Even lower consumption: the special columbus water-stop brushes and the splash guard reduce water and chemical consumption to a minimum.
- » Particularly hygienic: the optional noBAC® version is recommended for all areas with high hygiene requirements.

TYPICAL COLUMBUS:



**ROBUST
MECHANIC**



**POWERFUL
SUCTION**



**CLEANING RIGHT
TO CORNERS**



**SILENT VERSION
AS STANDARD**



**ERGONOMIC
WORK**



**AUTOMATIC
TOOL CHANGE**



**MADE IN
GERMANY**



THE NEW 40 LITRE SERIES - CONFIGURABLE FOR EVERY JOB

Available with and without drive motor, two working widths, integrated or external charger, with electronic water dosing and chemical dosing systems, the noBac® version and for a battery capacity of up to 105 Ah 5 (Gel).

	RA 43 B 40	RA 55 B 40	RA 43 BM 40	RA 55 BM 40
Automatic tool change	✓	✓	✓	✓
Integrated charger	●	●	●	●
External charger	✓	✓	✓	✓
Traction motor	-	-	✓	✓
Chemical dosing system	●	●	●	●
Electronical water dosing system	●	●	●	●
silent version	✓	✓	✓	✓
noBAC®	●	●	●	●

✓ = in Serie

● = optional



Fast and clean: automatic tool change.



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

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TECHNICAL DATA



DATA

	RA 43 B 40	RA 55 B 40
L x W x H	1190 x 510 x 980 mm	1250 x 570 x 980 mm
Working width	430 mm	550 mm
Suction width	735 mm	850 mm
Theoretical coverage max.	1720 m ² /h	2200 m ² /h
Noise level	60 dB(A)	60 dB(A)
Empty weight	78,4 kg	80,4 kg
Operating weight	196 kg (105 Ah5)	198 kg (105 Ah5)

BATTERIES / ELECTRICAL DATA

Rated voltage	24 V	24 V
Power max.	950 W	950 W
Number of batteries	2	2
Capacity gel min.	76 Ah 5	76 Ah 5
Capacity gel max.	105 Ah 5	105 Ah 5

TANK

Solution tank capacity	40 l	40 l
Recovery tank capacity	45 l	45 l

BRUSHES AND PAD HOLDERS

Number	1	1
Speed	180 rpm	180 rpm
Brush pressure	24 kg	25 kg

TECHNICAL DATA



DATA

	RA 43 BM 40	RA 55 BM 40
L x W x H	1190 x 510 x 980 mm	1250 x 570 x 980 mm
Working width	430 mm	550 mm
Suction width	735 mm	850 mm
Theoretical coverage max.	1720 m ² /h	2200 m ² /h
Noise level	60 dB(A)	60 dB(A)
Empty weight	82 kg	84 kg
Operating weight	203 kg (105 Ah5)	205 kg (105 Ah5)

BATTERIES / ELECTRICAL DATA

Rated voltage	24 V	24 V
Power max.	1130 W	1130 W
Number of batteries	2	2
Capacity gel min.	76 Ah 5	76 Ah 5
Capacity gel max.	105 Ah 5	105 Ah 5

TANK

Solution tank capacity	40 l	40 l
Recovery tank capacity	45 l	45 l

BRUSHES AND PAD HOLDERS

Number	1	1
Speed	180 rpm	180 rpm
Brush pressure	24 kg	25 kg