

Hako



Scrubmaster B400-R Series

Maximum flexibility for large areas

Scrubber-driers and combi machines for a wide range of applications



SCRUBMASTER B400 RH

Tanks

400-litre solution and recovery tank

Drive

X-AC front and rear drive (optional)

Area output

up to 14,000 m²/h

Ergonomic

workplace with height-adjustable steering wheel

Low-dust sweeping

Hako Dust Stop reduces the generation of dust and fine dust during sweeping by 90 % compared with conventional side brooms.

Large and adaptable

Industrial and commercial areas are becoming larger and larger, and applications increasingly specialised. With the new Scrubmaster B400-R Series, Hako meets the requirements of large-scale tasks: with a high area output of up to 14,000 m²/h, 400-litre solution and recovery tank, extreme performance in a compact design and a wide range of application options. This creates opportunities with outstanding cost-effectiveness.

Three variants

The new Series comprises a scrubber-drier basic model and two combi machines with high dump or manual emptying system.

Highlights:

- 3-disc brush unit available in two working widths (123 and 155 cm)
- Three variants, each is individually configurable
- Large, 400-litre solution and recovery tank
- AGR-certified ergonomic workplace provides back-friendly working
- Numerous options and special equipment



Award-winning comfort

The German association Aktion Gesunder Rücken e.V. (www.agr-ev.de) has awarded the AGR quality label to the new Scrubmaster Series.

This is what we call teamwork

All features and tools work in perfect sync to guarantee consistently excellent cleaning results at any speed level. Comfort and ease-of-use increase efficient working. This is why all cleaning tools and other components that require daily maintenance are easy to access and simple to use, including the optional battery changing system, which ensures uncomplicated changing of the batteries.

More than just clean

Better hygiene, lower operating costs: the antibacterial tank coating Hako-AntiBac helps to improve hygiene inside the tank. Hako-AquaControl ensures a water supply tailored to requirements thanks to the brush system being equipped with a water retention ring and automatic water shut-off when the machine is at a standstill.



Hako Dust Stop

The Dust Stop side broom jacket reduces the generation of dust and fine dust during sweeping by 90% compared with conventional side brooms.

On-board dosing

Fully integrated in the machine design, the on-board dosing system automatically adds just the right quantity of cleaning detergents, depending on the amount of water supplied to the system during the cleaning process. For more safety in the handling of chemicals.

Self-cleaning squeegee

The squeegee can be rinsed automatically at the push of a button to increase hygiene and make daily servicing easier for the operator. In addition, the squeegee folds up to enable uncomplicated maintenance work.

Top performance!

The Scrubmaster B400-R Series enables long, uninterrupted cleaning operations: with a high area output thanks to the large 400-litre solution and recovery tank and maximised battery capacity thanks to the optional battery changing system. With a 3-disc brush unit available in two working widths of 123 cm and 155 cm, standard extras, Hako-typical features such as on-board dosing and an ergonomic, back-friendly workplace design, this machine series is ready for even the biggest tasks.



Everything at a glance

The clearly-arranged, easy-to-read operating panel with LCD display and reset button is self-explanatory and allows intuitive use. In addition, the one-button operating system starts all major cleaning functions at the push of a button.



Technical perfection

From the flexi-wall tank with a two-stage filter system for coarse dirt and fine particles to the fully integrated, space-saving dirt hopper, the new Scrubmaster B400-R Series has been designed with attention to every detail.



Overhead guard

The machines can be equipped with an overhead guard to protect the driver against objects falling from above, for instance in large warehouses.

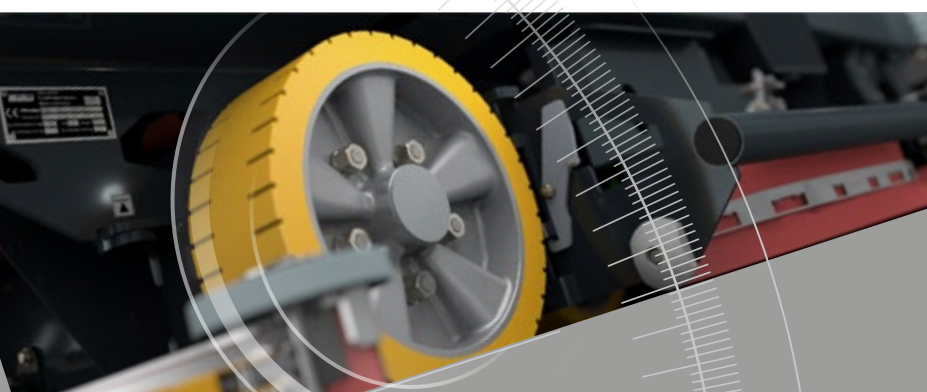
Countless possibilities

Hako stands for customised solutions without compromise. Individual configurability is very important to us – also when it comes to our largest models. For top performance – tailored to meet your individual requirements!



Configurable in every detail

Our customers' demands for hygiene and occupational safety are as varied as their individual fields of application. Structural conditions at the job side, e. g. inclines and gradients, can pose additional challenges. Each of our Scrubmaster B400-R Series models can therefore be equipped with a wide range of individual extras and tools that provide more efficiency, flexibility and safety, along with many other upgrade options.



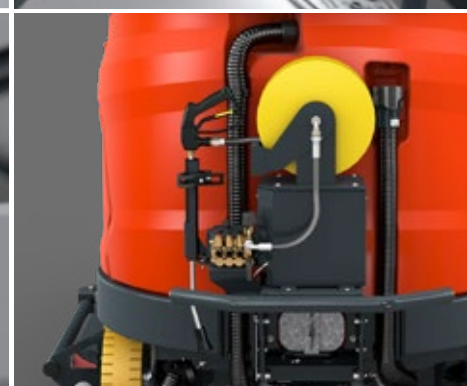
Performance X-AC

Upgraded with the optional X-AC front and rear drive, the Scrubmasters effortlessly manage inclines of up to 15 %. For excellent results on ramps in multi-storey car parks or warehouses.



Safety features

In busy environments such as logistics halls, with plenty of foot and vehicle traffic, the BlueSpot headlight signals an oncoming vehicle; and the rear-view camera provides additional safety.



High-pressure cleaner

The on-board high-pressure device (120 bar at 6 l/min) with built-in power supply thoroughly cleans even in the smallest of corners.



Wastewater treatment

The on-board wastewater treatment system allows for longer operating times on a single tank filling. This means the water in the tank needs to be changed less frequently.



Automated, practical, efficient!

Dumping the hopper contents into waste containers at a height of up to 165 cm has two clear advantages: The automated dumping and disposal process saves time, and the machine operator does not come into contact with the collected dirt.



Scrubmaster B400 RH

Vacuum sweeper and scrubber-drier combi machine with high dump

The Scrubmaster B400 RH with high dump is the perfect choice for environments where a lot of coarse dirt regularly accumulates, for instance in production or exhibition halls. With its particularly high net dirt hopper volume, this vacuum sweeper and scrubber-drier combi machine provides sufficient capacity even for large amounts of coarse dirt. Larger pieces of debris can be picked up by hand and thrown into the hopper manually through the integrated coarse dirt flap.



Rear-view camera
When reversing, the optional rear-view camera and the monitor next to the control panel provide a better view to the rear.



Coarse dirt flap
The coarse dirt flap allows larger or bulky pieces of dirt or debris to be collected without interrupting work for long.



Battery changing system!
The tool-free battery changing system (optional) maximises battery capacity, enabling long cleaning operations without interruption.

- Features and benefits at a glance:**
- Automated high dump
 - Coarse dirt flap to throw in litter by hand
 - 150-litre dirt hopper
 - Dust Stop for low-dust sweeping



Scrubmaster B400 RM

Vacuum sweeper and scrubber-drier combi machine

The Scrubmaster B400 RM fully demonstrates its strength when it comes to removing normal to medium amounts of coarse dirt. The dry-sweeping function collects larger pieces of debris to clear the path for the brushes and allow thorough wet cleaning. When the job is done, the dirt hopper can be emptied by hand quickly and easily.



Less dirt, less dust

The Dust Stop side broom jacket reduces the amount of dust and fine dust generated during dry sweeping to protect not only the immediate working environment but also, for example, the goods stored on shelves from dust.

Features and benefits at a glance:

- Two 44-litre dirt hoppers
- Take-it-Easy hopper-emptying system
- Dust Stop for low-dust sweeping
- Sweeping path of up to 168 cm (the squeegee is covered)

Scrubmaster B400 R

Scrubber-drier

With its large area output and small turning circle, the scrubber-drier model Scrubmaster B400 R provides perfectly cleaned floors, also in aisles. Hako's quick-connect system allows fast and uncomplicated upgrading with additional tools, such as different pre-sweep units or a light-debris collector.



Up the aisle, back down the aisle – done!

The Scrubmaster B400 R is extremely compact and enables complete U-turns in aisles as small as 230 cm. And our 155-cm-working-width variant is a real timesaver when it comes to cleaning aisles of up to 3 metres: One pass up and back down the aisle is sufficient to provide excellent cleaning results.

Features and benefits at a glance:

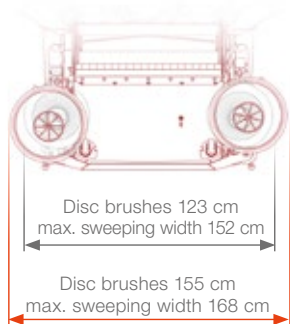
- Complete U-turns in aisles as small as 230 cm
- Quick-connect system allows uncomplicated upgrading with pre-sweep tools or special equipment



Technical Data

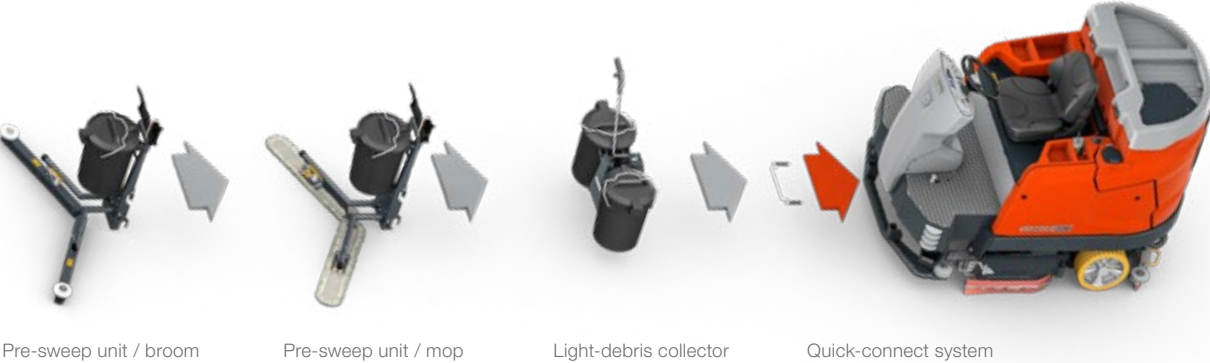
Scrubmaster		B400 R/RM/RH 1230	B400 R/RM/RH 1550
Working width scrubbing	cm	123	155
Squeegee width	cm	136	166
Theoretical area output	m²/h	11,000	14,000
Max. climbing capacity/ in cleaning mode without/with X-AC	%	6/15	6/15
Working speed	km/h	9	9
Brush system/number of brushes		disc/3	disc/3
Brush contact pressure	kg	55/75/95	80/110/140
Solution and recovery tank capacity	l	400	400
Dirt hopper capacity (gross)*/Take-it-Easy high dump**	l	2 x 44/150	2 x 44/150
Nominal voltage	V	36	36
Total output	kW	14.7	16
Battery capacity max.	Ah	540/810	540/810
Length with squeegee R/RM/RH	cm	202/281/281	202/281/281
Width without/with squeegee	cm	130/136	160/166
Height without/with overhead guard	cm	150/212	150/212
Weight, ready to use, without driver	kg	2,110/2,260/2,420	2,130/2,280/2,440
Noise level at the driver's ear R/RM/RH	dB(A)	68/74/74	68/74/74

* Scrubmaster B400 RM
** Scrubmaster B400 RH



More flexibility

Pre-sweep tools and optional extras for special applications provide more flexibility – for instance the coarse dirt flap (only available for the Scrubmaster B400 R).



Optional equipment

The Scrubmaster can be individually configured for any cleaning task: with perfectly matched original accessories for greater efficiency, occupational safety or impeccable, hygienic cleaning results.

Upgrade options	B400 RH	B400 RM	B400 R
X-AC front and rear drive	•	•	•
Overhead guard	•	•	•
Comfort seat	•	•	•
Work light	•	•	•
Flashing beacon	•	•	•
BlueSpot	•	•	•
Rear-view camera	•	•	•
On-board dosing system	•	•	•
Dust Stop	•	•	•
High pressure cleaner*	•	•	•
Wastewater treatment system*	•	•	•

*only one option possible



Hako-Fleet-ready

Hako cleaning technology thinks ahead – and is even smarter when you monitor its use with Hako-Fleet-Management. The data collected can not only serve as a basis for even more economical use, but also helps you to be one step closer to a solution in the event of a service call. Hako-Fleet-Management allows you to track the use of your cleaning machine. If a fault causes the machine to stop, its location on the map is sent to the Fleet Portal. Operating results and statistics are clearly displayed in the web portal.



Hako-Fleet-Management: here's why!

- Recording of all important service data and operating states
- Clear presentation in the web portal, available 24/7
- Full cost transparency and control
- High machine availability
- Avoidance of machine damage
- Provision of performance records
- Compatible with machines from other manufacturers



Service makes the difference



Always quickly on site

Qualified service technicians with fully equipped service vehicles carry out service work promptly and efficiently directly on site.

Professional service

Whether you need repairs, maintenance or safety inspections, your machine is in the best hands in the modern workshops of our subsidiaries, authorised dealers or service partners.

Service via scan

Full access to all machine details and data as well as digital service requests – simply via QR code scan.

For maximum availability

To ensure that our machines perform optimally at all times, we offer customised and scalable services along the entire product life cycle.

- Right from the start: with solution-oriented advice directly on site as well as attractive financing and rental options
- After purchasing: with smooth procurement and provision including user training
- During use: with individual service contracts and 24/7 support for fast and professional troubleshooting, high efficiency and permanent machine availability
- At the end of the product's life: with take-back and recycling as well as machine upgrades



Hako

Quality of life for all through cleanliness and safety

For around 80 years, Hako has been providing innovative machines and services in the Cleaning and Municipal Technology sectors. The company is one of the leading manufacturers of machines for industrial, building and outdoor cleaning, as well as grounds maintenance and winter services. New solutions in the fields of autonomy, electromobility and digitalisation complement the portfolio. Hako stands for high product quality and reliable service. Sustainability requirements are addressed through continuous product and technology development.



We are also active in the Municipal Technology sector

Our flexible, manoeuvrable sweepers and compact, multifunctional implement carriers and municipal vehicles ensure clean and safe public spaces all year round – supported by efficient weed control equipment to maintain a well-kept urban environment.

Hako GmbH
Hamburger Str. 209-239
23843 Bad Oldesloe
Tel. +49 4531 806-0
info@hako.com
www.hako.com



For the sake of readability, Hako has opted for gender-neutral terminology throughout this document. This includes all people, regardless of their gender or identity.

About our products: We reserve the right to make changes to the shape, colour and design in the interest of technical development. Illustrations may contain optional extras. Services and products may vary from country to country.