

Cleaning Technology  
Municipal Technology  
Waterjet Technology

**Hako**

**SCRUBMASTER**



*Hako walk-behind  
scrubber-driers*

*Excellent mobility for  
maximum cleanliness*

**Scrubmaster B/E8**



**Scrubmaster B12**



**Scrubmaster B30**



**Scrubmaster B45**



**Scrubmaster B45 CLH**



**Scrubmaster B70**



**Scrubmaster B90 CL**





# More than clean

## For hygiene-sensitive areas

More hygiene, reduced operating costs: with Hako-AntiBac®, which equips the tanks with antibacterial properties, and Hako-AquaControl saving up to 50 % water.



## A whole series of benefits

Ease of use, ergonomic steering bar, and clever details that simplify your work routine: Each walk-behind scrubber-drier offers outstanding comfort for efficient working days as a standard!

## Compact, highly manoeuvrable – always the perfect solution!

From compact machines that easily fit into the boot of a car, to our hygiene specialists for demanding working environments: Walk-behind scrubber-driers made by Hako provide excellent cleaning results. With a wide range of different working widths available, high area performances and numerous optional extras for more working comfort, increased efficiency and superior hygiene, we offer the perfect solution for every application.



Scrubmaster B/E8

Scrubmaster B12

Scrubmaster B30



Scrubmaster B45

Scrubmaster B70

Scrubmaster B90 CL



## Scrubbing units for every type of floor

We offer the perfect scrubbing unit for every type of floor: from cylindrical brushes with additional pre-sweep function for coarsely-structured floors, to disc brushes for smooth or medium-structured surfaces, including a wide range of different consumables such as brushes, pads, and microfibre.

# Perfect for every application

From confined areas in restaurants, and narrow aisles and check-out areas in retail shops to hygiene-sensitive areas in hospitals or nursing homes: The demands placed on professional indoor cleaning are as diverse as are the fields of application. With a wide range of optional extras available, our Scrubmaster walk-behind scrubber-driers can be perfectly adapted to meet your individual requirements. And thanks to numerous sophisticated standard features, our scrubber-driers are always the perfect choice for both fleet managers and operators.

## More efficiency per m<sup>2</sup>

The combination of high-quality components and clever details guarantees low operating costs and increased efficiency for environmentally friendly cleaning with excellent results.



## Available from 33 cm working width

High-tech in a compact design: Hako's range of walk-behind scrubber-driers offers solutions that no conventional scrubber-drier can provide.



## Flat brush unit

The flat, protruding brush unit is only 10 cm high to ensure perfectly clean floors even under shelves and counters.



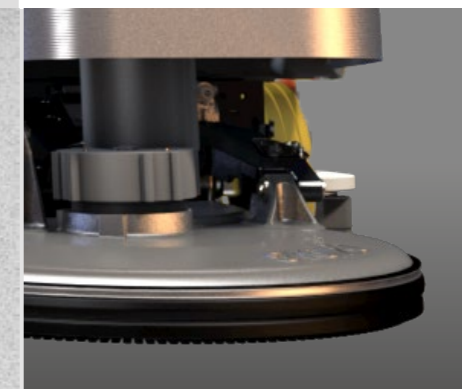
## Intuitive operating panel

The clearly arranged operating panel with easy-to-read icons shortens initial training times and provides ease of use. Hako's 1-button operating system starts all cleaning functions at the push of a button (only with Scrubmaster B90 CL).



## Electronic brush discharge system

Changing disc brushes made easy: thanks to the electric brush discharge system with a special discharge mechanism (available for models with 43 and 51 cm working width).



## Hako-AquaControl

Saves up to 50 % water: Hako-AquaControl ensures correct dosing and stops the water supply automatically when the machine stands still.



## Anti-foam system

The flow-optimised design of the tank prevents foam build-up.

## Back-friendly working

The ergonomic design of Hako's walk-behind scrubber-driers ensures fatigue-free working and a good view onto the machine and the working area.





At the push of a button  
Easy-to-read symbols  
ensure intuitive operation.

## Scrubmaster B/E8 / B12

### Small enough to get into every corner

The Scrubmaster B/E8 provides excellent results in confined areas that cannot be accessed by conventional scrubber-driers – for example in restaurants, canteens, sanitary facilities, or small shops. With its compact dimensions, 33-cm working width, 2 x 8-litre solution and recovery tank and flexible steering bar, this machine cleans both forwards and backwards with optimum efficiency.



### Lightweight and handy

The Scrubmaster B12 is equipped with a disc brush unit that protrudes on both sides. This enables working close to walls and edges, and saves both time and effort for laborious rework. For perfectly cleaned hard floors with smooth surfaces. This machine is extremely manoeuvrable and can work even in confined, cramped areas. With its low weight and foldable steering bar, the scrubber-drier can be transported in the boot of a car.

#### Features and benefits at a glance:

- Equipped with a cylindrical (Scrubmaster B/E8) or disc brush system (Scrubmaster B12)
- 33 or 38 cm working width
- Area performance up to 1,500 m<sup>2</sup>/h
- Low weight, easy to transport
- Foldable steering bar



# Scrubmaster B30 / B45

## For reliably excellent results

The compact Scrubmaster B30 is ideal for thorough scrubbing and drying of small to medium-sized floors, for example in retail shops, local authority buildings, hotels and restaurants, or workshops. With its high variability, this machine offers the perfect solution for every application, while intuitive operation and sophisticated ergonomics ensure efficient working.



**Heavy-duty design**  
Brush units and squeegees made of aluminium die cast provide outstanding reliability.



Flat brush unit

Ideal ergonomics

Area performance up to 2,900 m<sup>2</sup>/h



## Increased flexibility

Four different brush units available in various working widths, different battery systems, and a wide range of optional extras: The Scrubmaster B45 offers the perfect solution for every application. In addition, this machine is extremely manoeuvrable, and its compact dimensions and optimised design allow uncomplicated turning even when working close to walls.

### Features and benefits at a glance:

- Equipped with disc and cylindrical brush systems (only with Scrubmaster B45)
- 43, 50, 51 or 65 cm working width
- Area performance up to 2,900 m<sup>2</sup>/h
- Robust heavy-duty design
- High variability



# Scrubmaster B45 CLH

Hako-AntiBac® for antibacterial tanks

Brush unit protected against collision

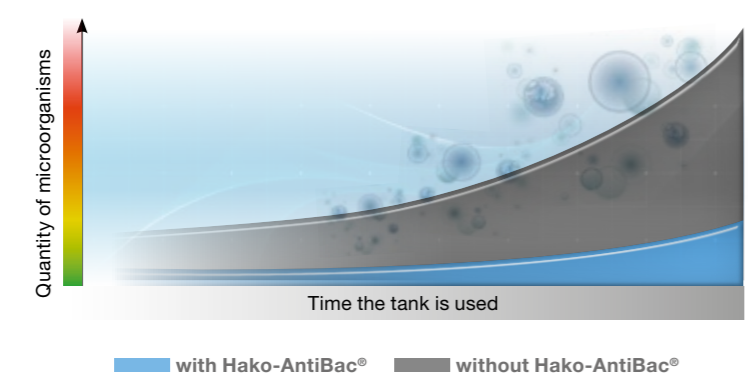


Hand spray wand for special cleaning tasks (option)

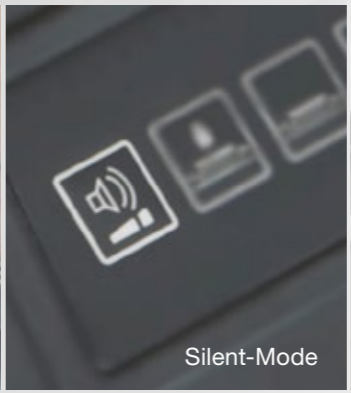
Area performance up to 2,300 m²/h

## For increased hygiene requirements

The Scrubmaster B45 CLH is specially equipped for working in hygiene-sensitive areas: with Hako-AntiBac® for improved hygiene, minimised odour development, and reduced costs due to the lower consumption of tank-cleaning disinfectants. Equipped with SilentMode, which reduces the speed of the suction motor to ensure low-noise working, this model is ideal for cleaning hospitals and nursing homes.



The antibacterial properties of Hako-AntiBac® protect the plastic material of the tank and reduce the development of fungi and bacteria.



### Preventing. Cleaning. Sanitising.

Floors, walls, door handles, hand grips and any other surface with which people come into contact are potential sources of infection. Disinfection requirements are constantly on the rise, not only in hygiene-sensitive areas. The Scrubmaster B45 CLH can be equipped with additional tools to apply disinfectant solutions, either manually or with a hand spray wand, to ensure excellent cleaning results and protect people's health.

### Features and benefits at a glance:

- Equipped with a disc brush system
- 51 cm working width
- Area performance up to 2,300 m²/h
- Hako-AntiBac® (standard equipment)
- Silent-Mode



## Scrubmaster B70 / B90 CL

### *Adaptable for every application*

With various working widths available, disc or cylindrical brushes and different battery systems, as well as optional extras and a Standard or CL variant, the Scrubmaster B70 is ideal for thorough, economically efficient scrubbing and drying of medium-sized to large floors, for example in shopping centres and supermarkets, office buildings and local authorities, or production halls and warehouses.



### *Efficient in every detail*

The Scrubmaster B90 CL has been optimised to provide outstanding economic efficiency. Its heavy-duty design with aluminium die cast brush units and squeegees guarantees superior reliability to minimise repair costs and downtimes. Equipped with Hako-AntiBac® providing antibacterial tank properties and Silent-Kit for low-noise working as a standard, the Scrubmaster B90 CL is perfectly suited for working in hygiene-sensitive areas.

#### **Features and benefits at a glance:**

- Equipped with a disc or cylindrical brush system
- 60, 65, 70, 75 or 85 cm working width
- Area performance up to 4,200 m<sup>2</sup>/h
- Robust heavy-duty design
- Hako-AntiBac® as a standard (only with Scrubmaster B70 CL and B90 CL)
- Silent-Mode (only with Scrubmaster B70 CL and B90 CL)

## Which machine is the best for your requirements?

Our comprehensive range of Scrubmaster walk-behind scrubber-driers offers machines for every application, from cleaning small to medium-sized areas. The table below helps you to find the most economically efficient solution for your individual tasks:

Scrubmaster	B/E8	B12	B30	B45	B45 CLH	B70	B90 CL
Area performance in m <sup>2</sup> /h	1,320	1,500	1,700-1,900	1,700-2,900	2,300	3,000-4,200	3,000

Sector	B/E8	B12	B30	B45	B45 CLH	B70	B90 CL
Logistics							
Retail							
Hotel & Catering							
Industry							
Service Providers & Facility Management							
Health Care Sector							

## Technical data

Scan the code for more information:



## Our machines at a glance

The table below gives you an overview of all technical data as well as information on the dimensions and weight of our Scrubmaster models.

Technical data		B/E8	B12	B30	B45	B45 CLH	B70	B90 CL
Working width	cm	33	38	43	43-65	51	60-85	60
Theoretical area performance	m <sup>2</sup> /h	1,320	1,500	1,700-1,900	1,700-2,900	2,300	3,000-4,200	3,000
Number/type of brushes		1/cylinder	1/disc	1/disc	1-2/disc/cylinder	1/disc	1-2/disc/cylinder	1-2/disc/cylinder
Brush speed	rpm	800	130	210	170-210/800	210	185/850	185
Solution/recovery tank	l	8/8	16/22	30/30	42/42	42/42	72/74	85/85
Squeegee width	cm	42	47	126.5	123.5-136.5	134.5	153-171	164
Battery capacity	Ah	10/20	25	50/76	50-67/76-95	56/86	59/95-110	59/95
Running time	min	60	60	109.5	111.6	111.6	115	115
Weight without/with battery	kg	23/25.4	40/80	179-190	204-240	230	325-393	415



## Optional equipment

Each Scrubmaster can be individually configured to ensure that you always have the right machine at hand for every cleaning task: with optimally adapted original accessories that provide more efficiency, environmental protection and occupational safety, or perfectly hygienic cleaning results.



**Hako-Chemical on Demand**  
Hako-Chemical on Demand ensures that cleaning chemicals are used only when absolutely necessary.



**Hako-DaytimeCleaning**  
Hako's quick-charge technology ensures extended running times at low battery levels and interim charging at any 230-V mains outlet.



**Hako-LessChem**  
Saves cleaning detergents and protects the environment: Hako's dosing and filling systems prevent incorrect dosing and ensure reliable cleaning results with only small amounts of chemicals.





## *Available 24/7, quickly on site when needed*

Coordinated by a GPS-controlled assignment planning system, 650 field technicians are available for you around the clock to ensure maximum machine availability and minimum downtimes. In addition, our highly efficient spare part logistics guarantees direct over-night delivery of original spare parts.



Easy access to the diagnosis interface for maintenance purposes and to modify machine settings.

## *Hako-Fleet-Management*

Hako's online-based fleet management tool records all relevant key data of your cleaning machines for central processing and subsequent retrieval via PC or mobile device at any time and place. view.X enables economically efficient use and management of your fleet of machines. In addition, view.X.live transmits important operating data almost in real time; and the electronic machine access authorisation module entry.X prevents unauthorised use.



## *Quality easily financed*

We offer you attractive, customised rental and leasing options for more flexibility and cost-efficiency.

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Blue Competence is an initiative of VDMA ([www.vdma.org](http://www.vdma.org)). By engaging in this partnership, we are committed to comply with the twelve sustainability principles applied in the field of mechanical and system engineering ([www.bluecompetence.net/about](http://www.bluecompetence.net/about)).