

*Cleaning Technology · Municipal Technology*

**Hako**

**Clean ahead**



**PowerBoss Nautilus**  
**Heavy-duty combi machine**

*Power and precision for the industry*



Long operating times: the 397-litre capacity of the solution tank allows for 120 minutes of continuous operation at standard water supply settings or 70 minutes when the water supply is set to 'high output'.

## Maximum performance for large areas

Extreme in every respect: in addition to offering outstanding performance in terms of efficiency and manoeuvrability, the heavy-duty machine PowerBoss Nautilus provides superior cleaning results. Thanks to its large capacity, the combi machine is the perfect choice when long hours of operation are required. Robust stainless-steel

components reduce the machine's maintenance costs. And the integrated Power System comprising powerful hydraulic motors, anti-skid traction tyres and high suction turbine speeds ensures particularly efficient cleaning of industrial floors – even when it comes to removing the most stubborn dirt.

1-button operating system: all functions can be started or stopped at the push of a button. The scrubbing or sweeping functions are selected prior to starting the cleaning process. Individual functions as well as the water supply settings and the brush pressure can be adjusted during the cleaning process.





### Areas of application

- Food processing industry
- Logistic centres
- Multi-storey car parks
- Warehouses
- Heavy industry
- Bottling plants
- Air craft hangars

### For professional cleaning results

Two powerful hydraulic motors drive two 114-cm cylindrical brushes at 425 rpm. The brush pressure can be infinitely adjusted from 91 to 181 kg in order to remove even the most stubborn dirt. The high-performance suction turbine provides completely dry floors immediately after cleaning to prevent the risk of slipping and allow forklift or foot traffic to travel safely behind the machine.



Equipped for large-scale operations: The PowerBoss Nautilus provides an area performance of up to 15,200 m<sup>2</sup> of cleaned floor space per hour.



Working in narrow aisles: thanks to its relatively small turning circle, the PowerBoss Nautilus can make a complete U-turn in aisles as small as 274 cm while the operator always has the surrounding traffic safely under control.

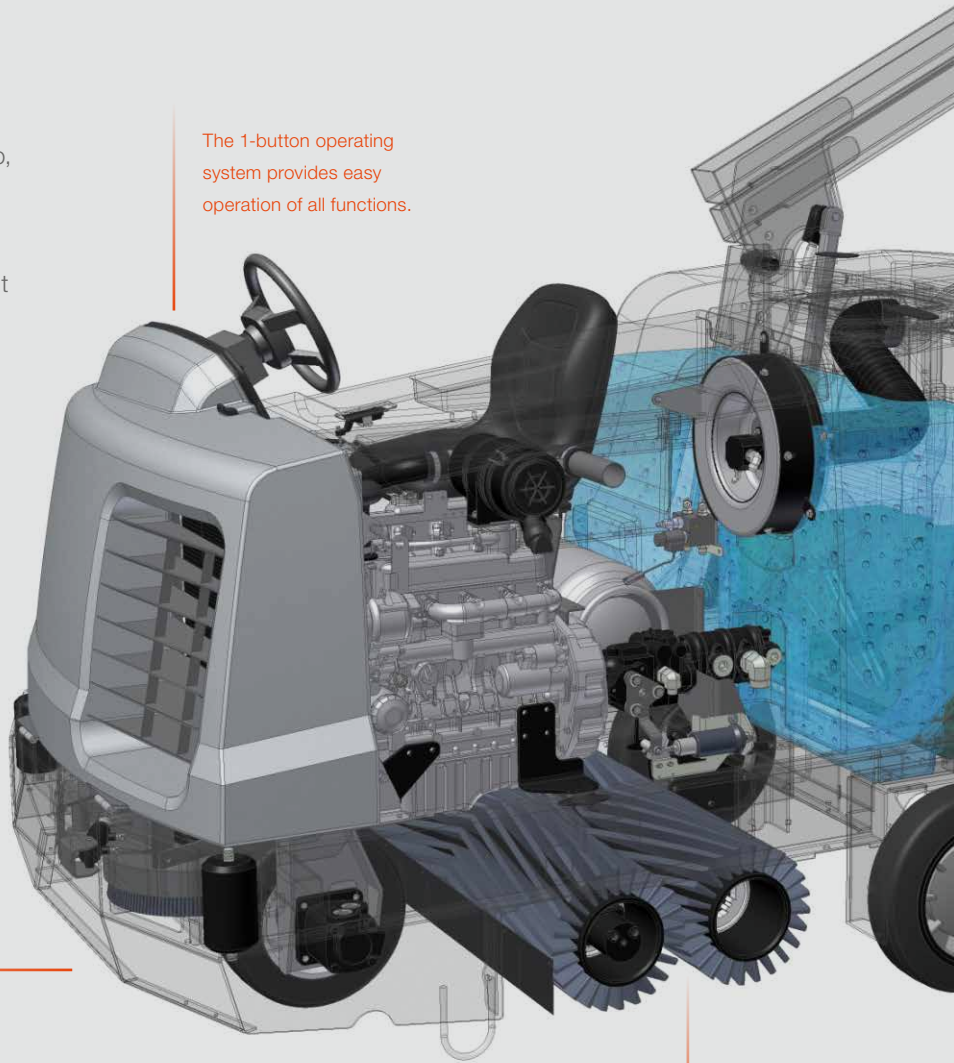
## Excellent service and maintenance access

The engine cover can be removed without the need for tools, providing a 360°-access to the engine, the radiator, the hydraulic pump, the vacuum motor and the hydraulic tank as well as the machine's electronic systems to support the service technician in carrying out any maintenance work in a fast, easy and cost-effective manner.

The 1-button operating system provides easy operation of all functions.

Both the front axle steering and traction tyres ensure that U-turns in narrow aisles are no problem at all.

Two 114-cm cylindrical brushes powered by hydraulic motors provide superior cleaning results.



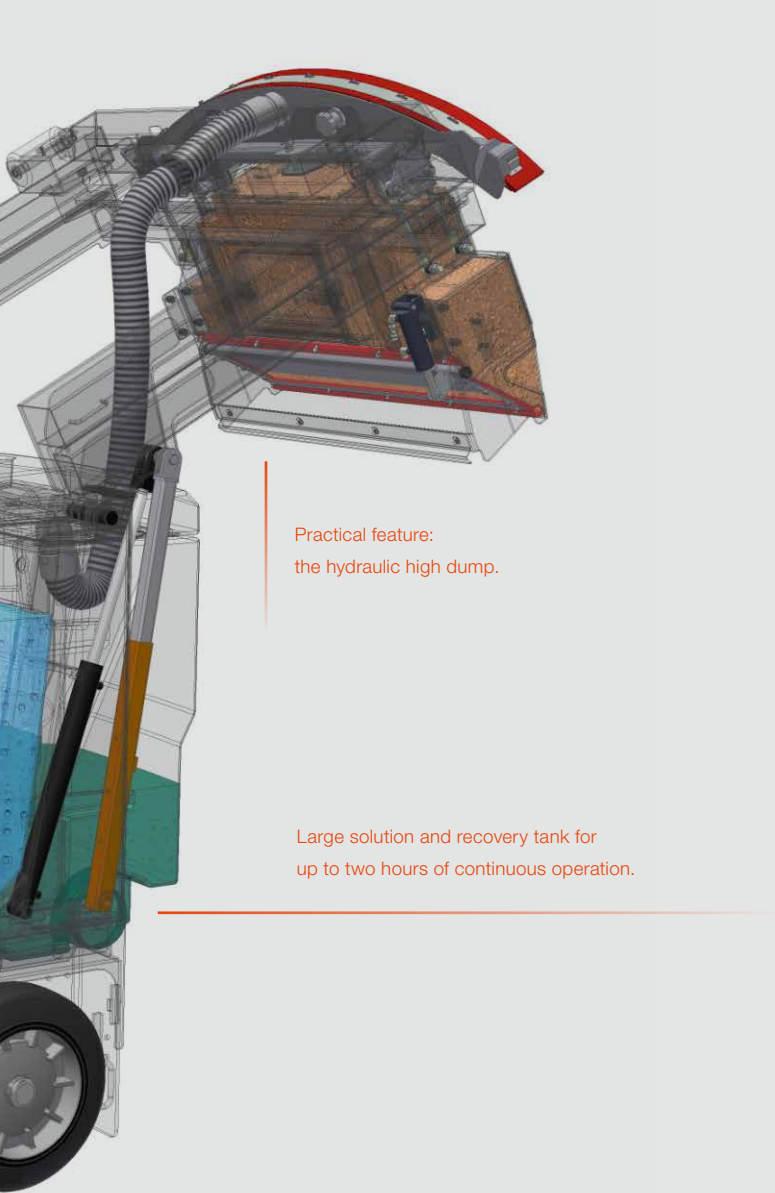
## Heavy-duty stainless steel components

The following components are made of stainless steel as a standard:

- cylindrical scrub deck unit including the side maintenance doors and door hinges
- side and rear squeegee frame including all squeegee attachment bands
- dirt hopper



A clean solution: the large drain hose enables fast and easy draining of the recovered water. Two large openings at the top of the tank and a 20-cm revision flap provide easy access for cleaning the recovery tank.



Practical feature:  
the hydraulic high dump.

Large solution and recovery tank for  
up to two hours of continuous operation.

### Perfect overview

The squeegee folds up quickly and easily  
to enable regular visual checks or remove  
blockages with minimum effort.



The squeegee tilts up to allow  
quick visual checks or easy  
changing of the sealing strips.

Easy changing of brushes – thanks  
to the quick-change system  
enabling tool-free changing of the  
cylindrical brushes.

The squeegee is tilted up out of the way so that the dirt hopper can be removed from the machine. Now the hopper can be moved effortlessly using the Easy Roll Casters and the debris can be disposed of safely and easily using the two Safety Dump debris trays.



Side scrub unit.



Overhead guard.

## Optional equipment

The PowerBoss Nautilus can be equipped with optional components to provide even safer, more comfortable and efficient working:

- Side scrub unit
- Overhead guard
- Safety lighting package
- Suspension seat
- Seat belt
- Back-up alarm
- On-board chemical dosing system
- Automatic filling system
- Spray and vacuum tool
- Holder for spare LPG tank

## Technical data

Cleaning width	
Working width	114 cm
With optional side scrub unit	152 cm
Main brushes	
Brush diameter	31 cm
Brush length	114 cm
Brush speed	425 rpm
Brush pressure	91–181 kg
Side scrub unit	
Brush diameter	41 cm
Rotational speed	200 rpm
Tanks	
Solution tank capacity	397 l
Recovery tank capacity	397 l
Two debris trays for easy dumping	
Material	plastic/stainless steel
Recovery tank, total capacity	64 l

Suction van	
Speed	11,500 rpm
Dimensions	
Length	241 cm
Total weight with water, ready for use	2,177 kg
Turning radius	274 cm
Drive system	
engine	Kubota (LPG, Diesel)
Driving speed	12 km/h
Reverse speed	6.5 km/h
Climbing capability in drive mode	10 degrees
Climbing capability in work mode	8 degrees
Front tyres	16" x 6" profiled

Shape, colour and design of our products are subject to change in favour of further technical development. Pictures may show optional equipment.



## *24/7 at your service: thanks to our close-knit sales and service network*

650 service technicians are available Europe-wide. The close-knit service network has one key advantage: you can be sure that the workshop of one of our authorised service partners is always close by to carry out maintenance work fast and efficiently.



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Investing in modern technology while going easy on your liquidity: Hako Finance offers you different leasing or rental options to meet your individual requirements.

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It is our legacy to leave behind a clean planet. That is why resources-, environmental- and climate protection characterise each and every process at Hako which has been certified by independent institutions.

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Our efficient sales and service network guarantees close proximity and rapid support.

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