



**Jonas 1900**

*Powerful sweeping machine  
for industrial cleaning*

Ride-on sweeping machine cleaning up to 25,000 m<sup>2</sup> of floor space per hour

## *Reliable performance efficiently employed*



### *Jonas 1900 – the power machine*

#### **Reliable partner**

If you are looking for a solution to clean large areas of floor space under extreme conditions: The high-performance vacuum sweeper Jonas 1900 has been designed to do exactly that. The fully-hydraulic machine cleans leisure centres and shopping malls, large warehouses, modern assembly lines or car parks while applying a kind of efficiency and working comfort that is second to none.

#### **Durable and economic**

Featuring a solid, full-length steel frame, a fully formed cast-iron tail end, robust side-broom-start-up protection and many steel components, the Jonas 1900 has been designed to cope with a tough daily routine throughout a long operating life. If servicing is required, easy access to all the important components is a major efficiency-plus.





### **Powerful and convenient**

When developing the Jonas 1900, priority was given to user-friendliness and low operating costs.

The machine's fully hydraulic drive ensures considerable savings in terms of operating- and maintenance costs compared to belt drives. Daily maintenance is easy due to the drive unit's unique swivel-mechanism; for increased safety and reduced repair costs. Single-pedaled operation and the smooth traction drive enable the machine to master up to 16%-inclines easily – during operation with

an already full hopper! This highly-maneuvrable machine can be employed nearly everywhere, making the Jonas 1900 a world-class champion.

Upon request, the Jonas 1900 D is available with a complete approval-compliant lighting system for outdoor employment in public places and paths.



## Simply comfortable



Jonas 1900

### Jonas 1900 – comfortable sweeping

The work place is clearly and simply structured. Both the comfort seat and the variable steering wheel can be adjusted to suit the operator's needs, essential for relaxed working on days requiring extensive driving. The most important sweeping functions are conveniently single-lever operated while the high seating position offers an excellent view. Important instruments and control lights are in direct view, keeping the operator well-informed at all times.

Upon request, the Jonas 1900 can be equipped with a comfort cabin including heating- and ventilation system and air conditioning to protect the driver in difficult working conditions.

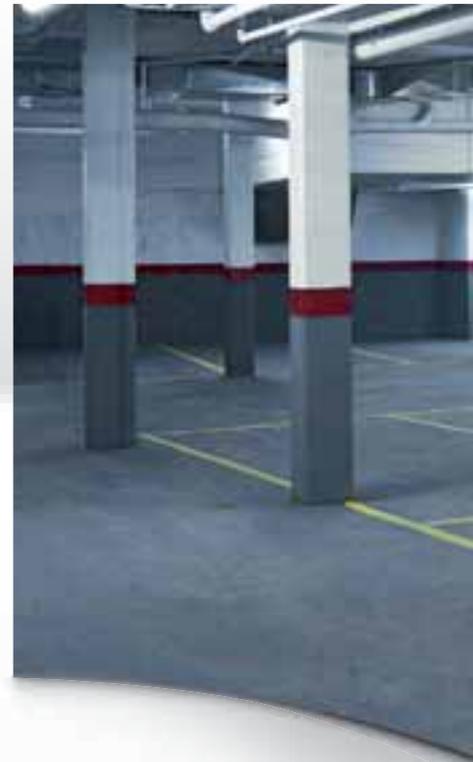
- 1) **Comfortable working** thanks to a clearly structured work place and comfort seat.
- 2) **Everything under control** due to single-lever operated sweeping functions.



## Comfortable excellence



**Jonas 1900**  
with comfort cabin



### Jonas 1900 – power and endurance

The fully-hydraulic side-broom drive (up to two side brooms) reliably cleans up even the biggest amounts of dirt. The machine sweeps up coarse dirt along a working width of almost 200 cm and dispatches the sweepings into the 600 l/500 kg dirt hopper, cleaning up to 25,000 m<sup>2</sup> per hour. The Jonas 1900 is equipped with cassette filters expanding to a total filter surface of more than 11 m<sup>2</sup> for clean, dust-free working. Dirt and dust stay where they belong: in the dirt hopper.

A V2A-hopper is optionally available to cope with aggressive dirt.



**1) Broadly based** with a sweeping width of up to 200 cm for increased coverage

**2) Clean performance** due to large cassette filters. An additional extraction device is available for the side brooms.

Powerful machine with many advantages

## Jonas 1900 – highly-impressive in every detail



### 1) Optional lighting system

Approval-compliant lighting system for outdoor employment in public places and paths; available upon request (Jonas 1900 D).

### 2) Quick-change system

Easy changing of the sweeping cylinder and comfortable adjustment options for the sweeping cylinder and side brooms

enable consistently high sweeping results.

### 3) High dump

The robust sheet-steel dirt hopper can be hydraulically raised and emptied at a height of up to 1.6 m to comfortably dispose of up to 500 kg sweeping dirt, all in one single working step.

### 4) Tyres

Big pneumatic-tyred wheels with heavy-duty tyres designed for industrial use and a powerful hydraulic drive ensure reliable propulsion. Extremely small turning circle enables turning in narrow areas.

### 5) Accessibility

All operating elements are easily accessible for maintenance reasons.

### 6) Side brooms

The fully-hydraulic side-broom drive (up to two side brooms) reliably cleans up even the biggest amounts of dirt.

### 7) Coarse-dirt flap

The coarse-dirt flap can be used to dispose of bigger pieces of litter which are not swept-up so easily into the hopper. Nothing stays behind.

## Jonas 1900 at a glance

Technical specification		1900 LPG	1900 D
Sweeping width	cm	122	122
With one/ with two side brooms	cm	165/193	165/193
Theoretical sweeping performance	m <sup>2</sup> /h	25,000	25,000
Dirt hopper capacity	l	600	600
Dumping height	cm	162	162
Filter surface	m <sup>2</sup>	13	13
Performance	kW	33	26,5
Sweeping speed	km/h	13	13
Weight, ready-to-use	kg	1,710	1,710
Overall width with one side broom	mm	1,684	1,684
Length	mm	2,790	2,790
Height incl. driver-protecting safety-roof	mm	2,160	2,160

Alterations in terms of form, colour and design are subject to change in favour of further technical development. Images may show optional equipment.

### Rotary Trash Relocator-System (RTR)



1) Collected dirt at the mouth of the hopper

2) RTR system activates rotation of the hopper

3) Hopper ready to take in additional waste

The RTR system enables a more economical utilization of the 600-litre hopper capacity. The hopper swiftly rotates towards the front of the vehicle, increasing the hopper capacity by up to 50%, depending on the nature of the sweepings. Applying this method, the dirt hopper can hold up to 500 kg of dirt and waste.

### Investing in Hako products pays off quickly

Every investment is expected to pay off one day. Investing in Hako products means you will break even in no time at all – thanks, for example, to the robust quality and easy operation preventing machine down time, or to low operating costs throughout the machine's entire service life. Our services make your success even more calculable.

Offering attractive conditions, Hako services such as the Hako FullService or the Hako maintenance agreement guarantee comprehensive machine protection at calculable costs and maximum availability. Simply contact your sales representative for further information on our products!

# Hako

Clean ahead



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### **We are available 24/7**

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**DIN EN ISO 9001**  
**DIN EN ISO 14001**

Hako GmbH  
Head office  
Hamburger Str. 209-239  
23840 Bad Oldesloe  
Tel. +49 (0) 4531-806 0  
[info@hako.com](mailto:info@hako.com)  
[www.hako.com](http://www.hako.com)