Scrubmaster B310 R and B310 R CL

Battery-powered, ride-on machines combining pre-sweeping and scrubbing

Powerful, manoeuvrable and highly efficient over large areas
For perfect sweeping and scrubbing results

**Scrubmaster B310 R**

When perfect results are expected, you need high-performance machines

**Top performance at all times**
Hako equipment means you are always properly prepared for the work at hand. You simply need to decide which of the high-performance Scrubmaster B310 R models best suits your needs. There are two plate brush models, one cylindrical brush model and two combination models with plate brushes and pre-sweep/vacuum unit available. A feature common to all is the large, 310 litre water tank which enables long, uninterrupted periods of operation. Even more performance is provided by the standard, pivoting side scrubbing unit (option for TB 1020) which enables working close to edges and increases the working width. Depending on the version, the area coverage is up to 9,200 m² an hour!

**Full comfort in every sense**
The ergonomic driver’s seat is not only sprung but can also be adapted to the weight of the individual driver. The seat, which is arranged in the middle, ensures the driver has a perfect view of the working area and easy access to the operating panel on which all the operating elements are within reach – including the green Scrubmaster button: This can be used to start the cleaning process at the touch of one button. The machine can be programmed to meet your individual needs, e.g. to stop the brushes and water supply automatically when the machine is stopped.
Hako quality pays dividends in triplicate!

Shorter downtimes and reduced operating costs as well as low-cost maintenance and time-saving service – that’s Hako. The robust, heavy-duty design of our machines, with their surrounding steel frame to prevent damage and unnecessary downtimes, ensures a long service life. The Hako AquaStop enables plate brush machines to save up to 50% water and cleaning agent. Together with the Chemical on Demand option, this reduces costs even further: The chemical solution is switched on specifically and is only applied when stubborn dirt needs to be removed. When maintenance and service are necessary, direct access to all the most important components and an intelligent diagnostics system ensure high levels of efficiency. Changing the plate or cylindrical brushes, which is possible without any tools, reduces set-up times, for example, while the large opening simplifies cleaning the recovery water tank.
Plate or cylindrical brushes – it’s your choice

**Scrubmaster B310 R**

Perfect cleanliness through clever solutions

The Scrubmaster B310 R is available as a plate brush model with working widths of 102 and 123 cm as well as a cylindrical brush model (working width 96 cm) for rough and structured floors. Thanks to the attention paid to the technical details and achieving perfect results of cleaning, they always leave a good, clean impression. The cylindrical brush model of the Scrubmaster B310 R sweeps up coarse and fine dirt during wet cleaning. The optional side brushes sweep up dirt from border areas and enable the squeegee to run on a clean track. As a result, the machine completes two working procedures in one, without needing to enlarge its compact dimensions. Thanks to the front wheel drive and steering, the machine practically moves within its own dimensions and, therefore, can be used productively even in confined areas.

1. Two side brushes to sweep up dirt over the entire width of the squeegee (cylindrical brush model)
2. Change cylindrical brush without tools
3. Large opening simplifies cleaning the tank
4. Side scrubbing unit for optimum cleaning in border areas (option for TB 102 cm)
5. Hako-AquaControl system saves water and chemicals
6. Practical spray/vacuum tool (option)
Choosing Hako is the right decision

Regardless of whether you choose a plate brush model, cylindrical brush model or combined model with pre-sweep/vacuum unit – a Scrubmaster is always the right choice and you will profit from a number of aspects: e.g. optimum working geometry and perfect results of cleaning. From an excellent service department which is available to provide help and advice at all times. From the high level of economy through low operating and service costs. And, naturally, from a quality product with long service life providing high performance for years!

<table>
<thead>
<tr>
<th>Technical data</th>
<th>B310 R TB 1020</th>
<th>B310 R TB 1230</th>
<th>B310 R WB 960</th>
<th>B310 R CL TB 1020</th>
<th>B310 R CL TB 1230</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>102 cm</td>
<td>123 cm</td>
<td>96 cm</td>
<td>102 cm</td>
<td>123 cm</td>
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<tr>
<td>Squeegee width</td>
<td>126 cm</td>
<td>126 cm</td>
<td>126 cm</td>
<td>126 cm</td>
<td>126 cm</td>
</tr>
<tr>
<td>Power consumption, hydraulic motor</td>
<td>1,400 W</td>
<td>1,400 W</td>
<td>1,400 W</td>
<td>2,000 W</td>
<td>2,000 W</td>
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<tr>
<td>Maximum climbing capacity</td>
<td>15 %</td>
<td>15 %</td>
<td>15 %</td>
<td>20 %</td>
<td>15 %</td>
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<tr>
<td>Driving speed</td>
<td>8 km/h</td>
<td>8 km/h</td>
<td>8 km/h</td>
<td>8 km/h</td>
<td>8 km/h</td>
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<tr>
<td>Working speed</td>
<td>7.5 km/h</td>
<td>7.5 km/h</td>
<td>7.5 km/h</td>
<td>7 km/h</td>
<td>7 km/h</td>
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<tr>
<td>Power consumption, suction motor</td>
<td>1,270 W</td>
<td>1,270 W</td>
<td>1,270 W</td>
<td>1,270 W</td>
<td>1,270 W</td>
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<tr>
<td>No. of brushes</td>
<td>2 pieces</td>
<td>3 pieces</td>
<td>2 pieces</td>
<td>2 pieces</td>
<td>3 pieces</td>
</tr>
<tr>
<td>Brush diameter</td>
<td>53 cm</td>
<td>43 cm</td>
<td>13,3 cm</td>
<td>53 cm</td>
<td>43 cm</td>
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<tr>
<td>Brush speed</td>
<td>220 rpm</td>
<td>220 rpm</td>
<td>900 rpm</td>
<td>210 rpm</td>
<td>210 rpm</td>
</tr>
<tr>
<td>Power consumption, brush motor</td>
<td>2 x 710 W</td>
<td>3 x 710 W</td>
<td>2 x 850 W</td>
<td>2 x 700 W</td>
<td>3 x 710 W</td>
</tr>
<tr>
<td>Area coverage, theoretical</td>
<td>7,600 m²</td>
<td>9,250 m²</td>
<td>7,200 m²</td>
<td>7,000 m²</td>
<td>8,600 m²</td>
</tr>
<tr>
<td>Flexible panel tank, volumes</td>
<td>310 l</td>
<td>310 l</td>
<td>310 l</td>
<td>310 l</td>
<td>310 l</td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>36 V</td>
<td>36 V</td>
<td>36 V</td>
<td>36 V</td>
<td>36 V</td>
</tr>
<tr>
<td>Total output</td>
<td>4.09 kW</td>
<td>4.80 kW</td>
<td>4.37 kW</td>
<td>5.9 kW</td>
<td>7.6 kW</td>
</tr>
<tr>
<td>Width with squeegee</td>
<td>126 cm</td>
<td>133 cm</td>
<td>126 cm</td>
<td>126 cm</td>
<td>133 cm</td>
</tr>
<tr>
<td>Length with squeegee</td>
<td>215 cm</td>
<td>215 cm</td>
<td>215 cm</td>
<td>215 cm</td>
<td>215 cm</td>
</tr>
<tr>
<td>Height without/with cab safety roof</td>
<td>140/200 cm</td>
<td>140/200 cm</td>
<td>140/200 cm</td>
<td>140/200 cm</td>
<td>140/200 cm</td>
</tr>
<tr>
<td>Weight, empty without battery</td>
<td>710 kg</td>
<td>770 kg</td>
<td>713 kg</td>
<td>707 kg</td>
<td>935 kg</td>
</tr>
<tr>
<td>Weight, wet with battery</td>
<td>1,445 kg</td>
<td>1,624 kg</td>
<td>1,567 kg</td>
<td>1,787 kg</td>
<td>1,944 kg</td>
</tr>
</tbody>
</table>

We reserve the right to make technical improvements to machines with regard to shape, colour and design without notice. Illustrations could contain optional equipment.
Our most powerful electrical sweeping and scrubber-drier machine

**Scrubmaster B310 R CL**

The Scrubmaster B310 R CL, a combined sweeping and scrubber-drier machine, saves valuable time by completing three working operations in just one process. In the first step, the 138 cm wide pre-sweep/vacuum unit, with two separately driven side brushes, one main cylindrical brush and powerful suction fan, sweep up larger debris and fine dirt. The dirt hopper is easy to empty after completing the work in one simple operation. During the second step, the rotating plate brushes sweep up even the most stubborn dirt. The optional Hako-Chemical on Demand system can be used to apply cleaning agent according to the situation at hand and can be deactivated again to resume cleaning lightly soiled areas without any chemicals. All these features help to increase operating times while an automatic water filling system provides time-saving refilling. In the third and final step, the parabolic squeegee dries the floor, leaving it immediately suitable to be walked and driven on. The powerful 2,000 W drive motor and 640 Ah battery provide plenty of reserve capacity for the Scrubmaster B310 R CL to operate over a long period and cope with gradients up to 20 % with ease – an invaluable advantage when cleaning ramps, e.g. in multistorey car parks. Fitted with the optional collision protection, the machine and side brush are not only protected from damage but also from resulting downtimes. Take a look and convince yourself by arranging a demonstration – we are only too happy to prove our performance!
1) Ergonomic workplace
the cockpit can be
accessed from both sides,
minimal effort for steering
and operating, operating
elements within easy reach;
chemical dosage adjustable
from the driver’s seat.

2) „Take-it-easy“
concept
emptying in just one
operation.

3) Perfect pre-sweeping
by means of two side
brooms, cylindrical broom
and powerful dust control.

4) Reduced service and
maintenance costs
through direct access to
the most important parts
and systems.

5) Clean edges
using the side scrubbing
unit (for the B310 R CL
TB 1020) only; saves time-
consuming, extra manual
work.

6) Powerful
640 Ah battery
provides power reserves
for extra-long operating
times without interruptions.
Hako: environmental-friendly right from the start
It is our legacy to leave behind a clean planet. That is why resources-, environmental- and climate protection characterize each and every process at Hako which has been certified by independent institutions. Learn more about our on-going commitment at www.hako.com

Close to you wherever you are
Our efficient close-knit sales & service network guarantees close proximity and rapid help.

Cleanliness combined with safety
Our machines meet the highest standards. Reliable quality “Made by Hako”.

Buying, leasing, renting
We offer you a number of individual and attractive financing & procurement options.

We are available 24/7
Hako’s spare part express- and on-call service guarantees best possible availability.

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