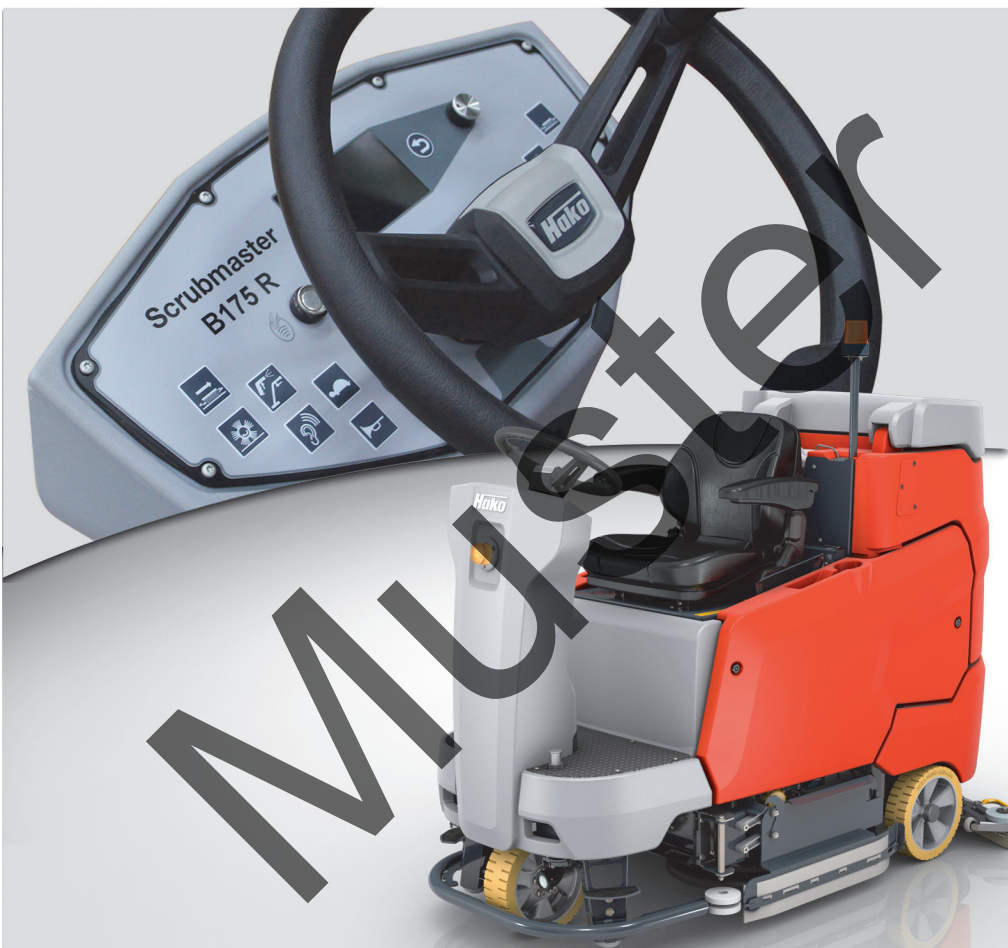


Cleaning technology · Municipal technology

Hako

Clean ahead



Scrubmaster B175 R (7180)

Service booklet

Part number 88-10-3208 - 4046-00

Valid as from: 04.2019

Introduction

Foreword

Dear Customer,

We are certain that the excellent qualities of the machine will justify the faith you have shown in us by your purchase.

To guarantee safe working with the machine, please read the Safety Notes chapter before putting it into service.

Your own safety, as well as the safety of others, depends essentially on your ability to control the vehicle. Please read this **original operating manual** before you use the vehicle for the first time, act accordingly and keep these instructions for future reference or subsequent users. The operating manual contains all important information for operation, maintenance and care. We have provided the places in this operating manual concerning your safety with a danger pictogram. Your authorised Hako dealer is available at all times to answer further questions about the vehicle or the operating manual.

We would expressly advise you that no legal claims may be asserted based on the contents of this operating manual. In the case of necessary repair work, please make sure that only original spare parts are used. Spare parts must be original spare parts to guarantee safety. We reserve the right to make changes in the interests of further technical development.

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0	88-10-xxxx	xxxx-xx	04.2019

Hako system maintenance



Attention

Before undertaking maintenance work, read and observe the safety instructions in chapter 1 of the operating manual!

The Hako system maintenance specifies in single modules the special technical work to be done and the periods of time for the maintenance activities.

Parts to be replaced for the individual maintenance tasks are determined.

Hako system maintenance:

- Assures the reliable readiness for use of the Hako cleaning machines (preventive maintenance).
- Minimises operating costs, repair costs, costs for maintenance.
- Assures long life and readiness for use of the machine.

Hako system maintenance I (every 250 hours):

Performance by an expert of an authorised Hako workshop by reference to the machine-specific system maintenance.

Hako system maintenance II (every 500 hours):

Performance by an expert of an authorised Hako workshop by reference to the machine-specific system maintenance.

Hako system maintenance III/S (every 1000 hours/safety check)

Performance by an expert of an authorised Hako workshop by reference to the machine-specific system maintenance.

Performance of all legally stipulated safety-relevant tests according to the BGV specifications.

Maintenance certificate

<p>Handover</p> <p>Equipment Trial run Handover to customer Instruction performed on: at _____ operating hours</p>	<p>Hako system maintenance I 250 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance II 500 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>
<p>Hako system maintenance I 750 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance S 1000 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance I 1250 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>
<p>Hako system maintenance II 1500 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance I 1750 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance S 2000 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>
<p>Hako system maintenance I 2250 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance II 2500 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance I 2750 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>
<p>Hako system maintenance S 3000 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance I 3250 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance II 3500 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>
<p>Hako system maintenance I 3250 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance II 3500 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>	<p>Hako system maintenance I 3750 operating hours Workshop stamp</p> <p>performed on: at _____ operating hours</p>

Maintenance plan

Hako system maintenance I:

Every 250 hours
<ul style="list-style-type: none"> • Check the battery and the charger • Check the battery acid level and acid density, refill demineralised water if necessary • Check the air inlet grilles, air duct and filter mat of the on-board charger for contamination, clean or replace if necessary
<ul style="list-style-type: none"> • Check steering for stiffness and play • Check steering pinion and gear rim for damage, grease if necessary.
<ul style="list-style-type: none"> • Check the brake for proper functioning
<ul style="list-style-type: none"> • Check the cover seal of the waste water tank, replace if necessary • Check operation of float switch in waste water tank. • Check the waste water and suction system, replace worn parts if necessary
<ul style="list-style-type: none"> • Check the fresh water supply, replace worn parts if necessary
<ul style="list-style-type: none"> • Check the sealing strip/slot strip of the squeegee, turn or replace if necessary • Check the deflecting bracket/deflecting rollers at the squeegee, replace if necessary • Check the squeegee setting, reset if necessary
<ul style="list-style-type: none"> • Check the sieve insert and cover seal of the fresh water filter for damage, replace if necessary
<ul style="list-style-type: none"> • Check the seal at the drain hose, replace if necessary
<ul style="list-style-type: none"> • Check the condition of tyres • Check the rear wheel mounting screws, re-tighten if necessary (42 Nm)
<ul style="list-style-type: none"> • Check the electrical system (lighting, fuses and relays), replace parts if necessary
<ul style="list-style-type: none"> • Remove fluff and dirt from the air inlet grilles of the brush motors
<ul style="list-style-type: none"> • Check toothed belt and bearing of the roller brush unit, replace if necessary
<ul style="list-style-type: none"> • Check V-belt drive of pre-sweep unit (optional) • Check the rotary brush setting, reset if necessary
<ul style="list-style-type: none"> • Check the side brush setting (optional), reset if necessary
<ul style="list-style-type: none"> • Check the front collision protection with deflecting roller for damage

Hako system maintenance I (continued):

Every 250 hours
Spray the following locations on the machine with penetrating lubricant: <ul style="list-style-type: none">• Hinges at the squeegee lift system• Hinges at the side deflectors• Hinge and joint locations of the brush lift system
<ul style="list-style-type: none">• Check the optical condition of the machine (corrosion and labels)
<ul style="list-style-type: none">• Trial run and function test

Hako system maintenance II:

Every 500 hours
<ul style="list-style-type: none">• All maintenance work according to Hako system maintenance I• Read out the error memory and evaluate the service information
Check the following electrical output: <ul style="list-style-type: none">• Drive motor• Brush motors• Suction turbines• Pre-sweep unit (optional)• Side brush unit (optional)
<ul style="list-style-type: none">• Trial run and function test

Hako system maintenance III/S (safety check)

Every 1000 hours
<ul style="list-style-type: none">• All maintenance work according to Hako system maintenance II• Replace the backup battery of the electrical control and set a real-time clock
<ul style="list-style-type: none">• Remove coal dust from the brush motors, the side brush unit motor and the pre-sweep unit motor and check the carbon brushes for ease of movement and wear, replace carbon brushes if necessary
<ul style="list-style-type: none">• Trial run and function test

Muster



Hako: environmentally friendly from the start

We want to leave a clean earth behind. Protecting resources, environment and the climate therefore governs all our activities. Independent institutes have confirmed this. You will find out more about our commitment on www.hako.com

Everywhere and quite close to you

Our efficient distribution and service network guarantees short journeys and fast help.

Purchasing, rental, leasing

We offer you a multitude of individual and attractive financing and procurement possibilities.

We are here for you day and night

The Hako stand-by and spare parts express service guarantees the highest availability.

Reliable cleanliness

Our machines satisfy your highest demands. Reliability thanks to quality "Made by Hako".

BLUECOMPETENCE

Alliance Member

Partner of the Engineering Industry Sustainability Initiative



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