

Cleaning technology · Municipal technology

Hako
Clean ahead



Scrubmaster B260 R (7182)

Service booklet

Part number 88-10-3192 - 4070-43

Valid as from: 08.2019

Hako system maintenance



Attention

Before undertaking maintenance work, read and observe the safety instructions in 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>

Hako system maintenance

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
<ul style="list-style-type: none">• Check the steering for stiffness• Check bearing clearance of the pinion and the universal joints• Check the steering pinion and gear rim for damage, grease if necessary• Check proper functioning of the parking brake
<ul style="list-style-type: none">• Check proper functioning of the brake: Brake at full speed (during transport journey). The maximum braking distance is 1.52 m.
<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• Check leak tightness and correct functioning of the drain hose, replace if necessary• Check the seal at the drain hose, replace 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• Check the supporting roller for ease of movement and wear, replace 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">• Front wheel: check the condition of tyres and the wheel mounting screws, re-tighten if necessary (55 Nm)• Rear wheels: check the condition of tyres and the wheel mounting screws, re-tighten if necessary. Standard drive: 50 Nm, X-AC drive: 55 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 the ribbed V-belt and bearing of the roller brush unit, replace if necessary• Check the condition and correct functioning of the driver of the rotating or roller brush, replace if necessary

Pre-sweep suction unit (optional)

- Check the V-belt drive, replace if necessary
- Check the cylindrical brush for wear, replace if necessary
- Check the cylindrical brush setting, reset if necessary

Side brush unit (optional)

- Check the side brush for wear, replace if necessary
- Check the side brush setting, reset if necessary
- Check the deflector plate for damage, replace if necessary

- Check the front collision protection with deflecting roller for damage

Spray the following locations on the machine with penetrating lubricant:

- Hinges at the squeegee lift system
- Hinges at the side deflectors
- Hinge and joint locations of the brush lift system

- Check the optical condition of the machine (corrosion and labels)

- Trial run and function test

Hako system maintenance II:

Every 500 hours

- All maintenance work according to Hako system maintenance I
- Read out the error memory and evaluate the service information

Check the following electrical output:

- Drive motor
- Brush motors
- Suction turbines
- Pre-sweep suction unit (optional)
- Side brush unit (optional)

- Check the side brush unit for ease of movement and damage, repair if necessary

- Check the brush unit lift system for ease of movement and damage, repair if necessary

- Trial run and function test

Hako system maintenance III/S (safety check):

Every 1000 hours, at least once a year

- All maintenance work according to Hako system maintenance II
- Replace the backup battery of the electrical control and set a real-time clock
- 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

Dosing system (optional):

- Replace the dosing pump hose
- Replace the dosing pump rotor after three years
- Trial run and function test

Hako: environmentally friendly from the start

We want to leave a clean earth behind. Protecting resources, the environment and the climate therefore governs all our activities. Independent institutes have confirmed this.

Everywhere and always in your vicinity

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

Purchasing, leasing, renting

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.



Cleanliness combined with safety
Our machines meet the highest demands.



Blue Competence is an initiative of the VDMA (www.vdma.org). By using the trademark "Blue Competence", we commit ourselves to these twelve Sustainability Guidelines of the Mechanical Engineering Industry: www.bluecompetence.net/about

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