

EN

OPERATING MANUAL

FLOOR SAW

SEAFLOOR 501 - SEA FLOOR 501 E



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Legal notice

The operating manual is valid for:
SEA TECHNOLOGY floor saw

- SEAFLOOR 501

Manufacturer:

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BASIC SAFETY NOTICES

Warning notices and symbols in this manual



SIGNAL WORD

Type and source of danger

Consequences of non-compliance

- Action to avert the hazard

The signal word behind the danger symbol indicates the degree of danger:



DANGER

This indicates an extremely dangerous situation. If the situation is not avoided, it will likely result in fatal injuries. The danger symbol may give details of the danger.



WARNING

This indicates a potentially dangerous situation. If the situation is not avoided, it may result in fatal or serious injuries. The danger symbol may give details of the danger.



CAUTION

This indicates a hazardous situation. If the situation is not avoided, it may result in moderate or minor injuries. The danger symbol may give details of the danger.

NOTICE

This signal word indicates a situation that poses a danger to objects. If the situation is not avoided, it may result in property damage. The signal word appears without a danger symbol.



Important information is marked with an "i".

Requirement for the operator to take action:

1. The specific sequence of steps facilitates the proper and safe handling of the machine.
- Instructions for the operator

Applicable documents

Operating manual HONDA www.honda-engines-eu.com

The following warning and safety notices are used:

| | | | |
|---|---|---|--|
|  | Read and observe the operating manual |  | Warning of hot surfaces |
|  | Wear hearing protection |  | Automatic start-up of the cutting tool when starting the engine |
|  | Wear eye protection |  | Do not move the machine outside the cutting area with the saw blade rotating |
|  | Wear gloves |  | Access for authorized personnel only |
|  | Wear protective helmet |  | Use of high-pressure cleaners prohibited |
|  | Wear suitable work clothing and wash dusty clothing |  | No smoking due to fire danger |
|  | Attachment point for crane transports |  | Constituents that may be hazardous to health: quartz dust |
|  | Wear dust protection mask |  | Set ignition switch to 0 |
|  | Danger of suffocation through poisonous exhaust gases |  | Working on the saw blade guard is prohibited when the saw blade is rotating |
|  | Warning of highly flammable fuel vapors. |  | Check the drive belts |
|  | Warning of crushing danger |  | Direction of rotation of the saw blade |
|  | Warning of suspended loads |  | Sound-power level of the machine |
|  | Warning of serious cutting hazard due to rotating saw blade |  | Note on damage prevention |
|  | Warning of crushing and cutting injuries due to belt drive retraction |  | Lashing point for vehicle transport |
|  | Warning of moving parts. Wait for standstill |  | Apply spray grease |
|  | Warning of ejected parts |  | Lubricate with grease gun |
|  | Warning of danger of cutting hazard in the foot and leg area | | |

OPERATING MANUAL

Preface

This operating manual is intended to make it easier to get to know the machine and use it for its intended purpose.

The operating manual contains important notices on how to operate the machine in a safe, proper and economical manner. Compliance with it will help to avoid dangers, repair costs and downtimes and increase the reliability and service life of the machine.

The operating manual is to be supplemented by instructions on the basis of existing national regulations on accident prevention and environmental protection.

The operating manual must be available at the location of the machine at all times.

The operating manual must be read and applied by every person who is commissioned with work on the machine e.g.:

Operation, including set-up, troubleshooting during the work process, elimination of production waste, care, disposal of operating and auxiliary materials.

Maintenance (servicing, inspection, repair) and/or transportation

.
In addition to the operating manual and the binding regulations for accident prevention which apply in the user's country and at the place of use, the acknowledged rules for safe and correct working practice must also be observed.

Tools required

A tool in the form of a saw blade is required for operating the floor saw. These tools can be purchased from the manufacturer.

Other relevant documents

In addition to this operating manual, further documentations from the respective manufacturer of individual components of the machine are available:

Operating manual combustion engine

SEA TECHNOLOGY accepts no responsibility or liability for the completeness of further documentation.

Changes and reservations

We have taken every effort to ensure that this operating manual is correct and up to date. In order to maintain our technological lead, it may be necessary to make modifications to the product and to its operation without notice. We accept no liability for faults, downtime and resulting damage.

Target group

This operating manual is aimed at trained, skilled personnel in the fields of building mechanics, concrete cutting technology, road construction, building construction and civil engineering.

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1. FEATURES & ADVANTAGES

Thanks to its compact and robust design, the SEAFLOOR 501 series is ideal for use on confined construction sites.

The saw blade is lowered and raised steplessly via a closed lead screw with cutting depth display, thus preventing damage to the saw blade.

The screw is located outside the dirt area and protected by a galvanized steel tube.

The saw blade guard can be folded up at the front as standard.

A large 30 l water tank with large filler opening and carrying handles makes refilling easier and reduces work interruptions.

Connection for external water supply with separately adjustable tap.

The standard flange spray ensures economical water consumption and optimum cooling of the saw blade. This ensures a longer service life for the saw blades.

Water tank with large cover for easy filling.

The tiltable tank allows more weight to be transferred to the saw blade during cutting. This also allows the water tank to be emptied completely.

Vibration-damped handlebar improves working conditions for the operator.

Optimum speed up to a saw blade diameter of 500 mm.

Excellent transport options thanks to crane suspension.

With parking brake as standard.



2. GENERAL SAFETY NOTICES

2.1. Purpose; intended use

| | |
|---------------------|---|
| Intended use | <p>The manufacturer and supplier do not accept any liability for incorrect or non-intended use. Any modification to the machine not carried out by the manufacturer is forbidden. Modifications due to attachments or conversions to the floor saw may only be carried out with the written approval of the manufacturer.</p> <p>The machine is built according to the state of the art and the recognized safety-related rules. Its use can, nevertheless, result in dangers for life and limb of the user or third persons, as well as damage to the machine and other material assets.</p> <p>The machine is only to be used in perfect technical condition and in accordance with its intended use, safety and risk awareness and in compliance with the operating manual. In particular, always resolve faults which may impair safety, or have them resolved, immediately.</p> <p>The SEA TECHNOLOGY floor saw is a floor cutting machine and is intended exclusively for cutting joints in concrete or asphalt. Cutting includes saw blades up to a maximum width of 15 mm. The device may only be used for cutting on the floor. The floor saw may only be operated by one person. The operator must remain behind the push bars when cutting. Any other use or use beyond this is deemed non-intended.</p> <p>Proper use also includes compliance with the operating manual and compliance with the inspection and maintenance instructions.</p> |
| Improper Use | <p>Foreseeable misuses / non-intended use:</p> <ul style="list-style-type: none">• Cutting without blade guard• Cutting without water in the standard setup without extraction• Cutting on steep slopes• The cutting of narrow radii• Cutting loose material• Cutting wood, plastics or metal (except reinforced concrete)• Design modifications which alter the safety or design type of the floor saw |

2.2. Organizational measures



This operating manual must be kept within easy reach for everyone at the place of use.

Supplements to the operating manual include general statutory and other binding regulations for preventing accidents and protecting the environment and must be obeyed.

Such regulations may also deal with, for example, the handling of hazardous substances, the wearing of personal protective equipment and with road traffic regulations.

The personnel assigned to work on the machine must have read and understood the operating manual, and especially the chapter on safety instructions, before beginning the work. This particularly applies to personnel who only work on the machine occasionally, for example commissioning or maintenance personnel.

Regularly check the safety- and hazard-aware work of the personnel in compliance with the operating manual.

Always use the required and prescribed personal protective equipment.

Observe all safety and danger notices on the floor saw and maintain them in a legible condition. Replace damaged or illegible safety and danger notices.

If there are any changes to the machine or operating behavior which may affect safety, stop the machine immediately and put up warning signs accordingly. Report the fault to the responsible office/person.

Do not make any modifications through extensions or conversions without the manufacturer's written consent. The tool manufacturer's instructions must be adhered to.

Use only checked original spare parts of the manufacturer.

Adhere to prescribed periods for inspection or those specified in the operating manual.

For the implementation of maintenance measures, workshop equipment appropriate for the work is absolutely necessary.

Machines with combustion motors may not be used in closed areas.

Always obtain detailed information on underground cables in the cutting area and take appropriate precautions before cutting.

2.3. Choice of personnel and qualification; fundamental obligations



Operators must be aged 18 or above and they must be mentally and physically capable of operating the floor saw. All persons must be instructed in the operation and be expressly assigned by the employer with the operation of the floor saw.

Establish the responsibilities of the personnel for operation, set-up, service and repair.

Ensure that only authorized personnel work on the machine.

The operator must wear personal protective equipment such as safety shoes, gloves, safety goggles and hearing protection, which comply with the safety regulations.

Expel persons not working with the machine from the work area. Block access to the work area if necessary.

The operator must ensure with all movements of the floor saw that he does not endanger himself and other persons. All obstructions which hinder the work procedure or the implementation of the machine must be cleared at the place of work.

Work on the electrical components of the machine may only be carried out by a certified electrician or by persons who are being instructed in such work under the direction and supervision of a certified electrician in accordance with regulations.

The operator must be named as the person responsible for traffic-related regulations and make it possible for him to reject unsafe instructions by third parties.

Only allow personnel being trained, instructed or those completing an apprenticeship to work on the machine under the constant supervision of an experienced person.

2.4. Safety notices relating to the phases of use

2.4.1. Transport, assembly, and installation



Transport, assembly and installations on/with the floor saw may only be carried out in the transport position. The floor saw must be secured against rolling away.

Transportation, assembly and installation on/with the floor saw may only be carried out with the saw blade removed and the motor switched off.

The floor saw should only be loaded and unloaded using a crane, taking into account the maximum operating weight.

Transport may only take place, if all parts at the machine are tightened and dropping of individual parts is not possible.

2.4.2. Commissioning



Check the direction of operation when fitting the saw blade. The cutting process must always be synchronized (downwards), otherwise the material will tear out and small pieces will fly around.

When fitting the saw blade, protect your hands from sharp edges.

Make sure the substrate that is used for cutting meets the load-bearing capacity. All obstacles must be removed from the cutting area and good lighting must be provided.

Visual check of the entire floor saw for any damage and defects. Separate check of the protective devices.

Keep a water supply ready for cooling the saw blade.

Smoking is absolutely prohibited when refueling the combustion engine.

Special care must be taken when refilling the fuel tank. Engine parts that become hot during operation represent a danger of fire.

Fuel may only be stored in approved containers.

No rotating tool, whose maximum speed is lower than the rated speed of the machine, must be used.

Defective or broken tools must be replaced immediately.

2.4.3. Operation



Refrain from all methods of working which could pose a risk to safety.

Take measures to ensure that the floor saw is only used if it is safe and in functional condition.

Check the floor saws at least once per shift for externally visible damage and defects! Report any changes that have occurred (including the operating behavior) to the responsible office/person immediately! If necessary, shut the machine down and secure it against being switched on again.

If the floor saw fails to work properly, shut it down immediately and secure it. Have faults eliminated immediately. Electrical work must only be carried out by qualified electricians.

Only use suitable and tested tools.

To protect against acceleration, the depth adjustment of the saw blade must be moved slowly and in steps into the ground. Any contact with the rotating tool must be avoided. Other persons must keep a safe distance of 1.5 m from the saw blade.

Do not cut without a saw blade guard or drive belt cover.

The operator must be protected from rotating parts.

2.4.4. Relocating the floor saw



The floor saw may only be relocated when the saw blade is stationary.

Before leaving the operating position on the floor saw, the combustion engine must be switched off and the saw blade must be at a standstill. The combustion engine must be started and stopped on the side facing away from the saw blade.

The operator may not leave the floor saw until the parking brake has been applied.

2.4.5. Special work while using the machine



Comply with the set-up, maintenance and inspection activities and intervals stipulated in this operating manual, including information on the exchange of parts/furnishings. These activities must only be carried out by authorized professionals.

When the floor saw has been shut down completely for maintenance and repair work, it must be secured and marked to prevent it being accidentally switched on again.

Before cleaning, cover and seal all openings that cleaning products should not enter for safety and/or functional reasons. Electric motors, switches, and connectors are particularly at risk. Remove the covers/adhesive tape completely after finishing the cleaning work.

Always fasten screw connections securely after maintenance and repair work.

If safety devices must be dismantled for preparation, repair or maintenance of the machine, they must be mounted and inspected immediately after the duties have been terminated.

No rotating tool, whose maximum speed is lower than the rated speed of the machine, must be used.

2.5. Note relating to special types of danger

2.5.1. Dangers for the operator from the machine



Before leaving the operating position on the floor saw, the combustion engine must be switched off and the saw blade must be at a standstill. There is a risk of injury from a rotating saw blade.

The floor saw's combustion engine may only be used for its intended purpose:
The drive of the floor saw / saw blade must not be put into operation.

The discharge opening of the exhaust pipe must always point away from the operator. Do not inhale exhaust fumes. The exhaust system becomes hot during operation. Avoid contact avoid and wear protective equipment.

2.5.2. Dust



With work in confined spaces, observe existing national regulations where applicable.

To prevent the formation of dust during cutting, the saw blade must be continuously sprayed with water and cooled. Dry cutting is only permitted with a special conversion kit and dust extraction. Do not eat, drink or smoke in the work area.

2.5.3. Noise



Hearing damage is generally irreversible. Wear hearing protection when working with the machine.

2.5.4. Exhaust gases

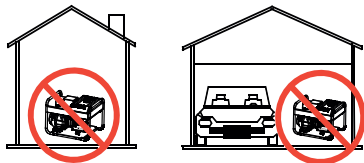


Machines with combustion motor may not be operated in closed areas.

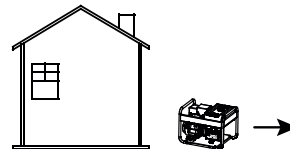


DANGER

Using a generator indoors **CAN KILL YOU IN MINUTES**. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.



NEVER use inside a home or garage. EVEN IF doors and windows are open.



Only use **OUTSIDE** and far away from windows, doors, and vents.

2.6. Transport



When moving with a crane, lifting gear with sufficient load capacity must be used. Check lifting gear beforehand for any damage.

Appoint a competent instructor for the lifting process.

Only lift the floor saw as described in the operating manual using lifting gear.

Only use a suitable transport vehicle with an adequate load capacity.

Secure the load properly in compliance with the regulations. Use suitable attachment points.

The floor saw motor must be switched off even if the floor saw is moved slightly. The saw blade must no longer be allowed to rotate when restarting directly.

2.7. Packaging and storage

In order to ensure sufficient protection during dispatch and transport, the machine and its components were packed carefully. The machine should be checked for damage upon receipt. The packing of the device consists of recyclable materials. Place them into the containers provided for recycling so that they can be recycled.

The machine may not be operated in case of damage. Damaged cables and plug connectors also pose a safety risk and must not be used. In this case notify the manufacturer immediately.

If the machine is not operated immediately after unpacking, it must be protected from moisture and dirt.

2.8. Environmental protection

Packaging material, cleaning agents, used or remaining operating supplies, and unwrapped wear parts, such as drive belts or engine oils, must be recycled in accordance with local environmental regulations.

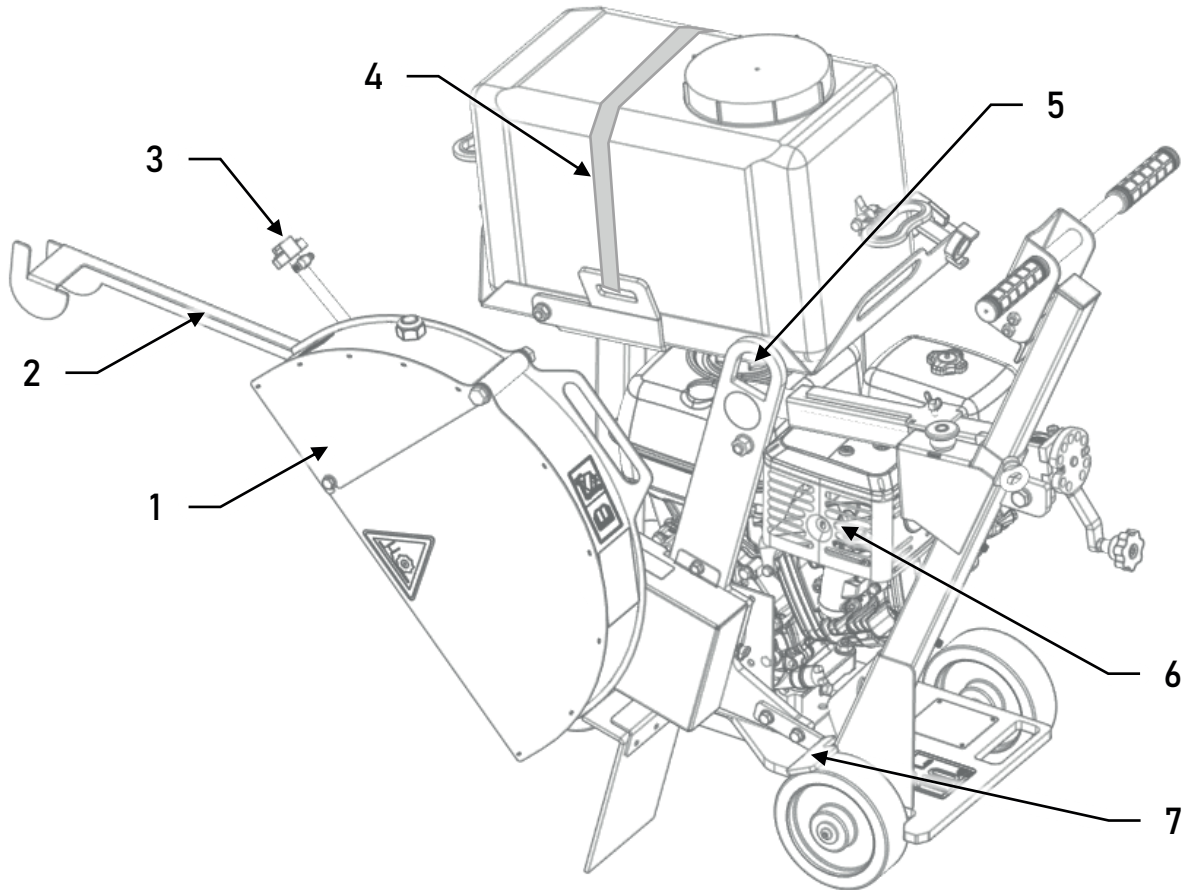
2.9. Disposal

Render the worn out devices unusable once the period of use has expired, and especially when there are malfunctions.

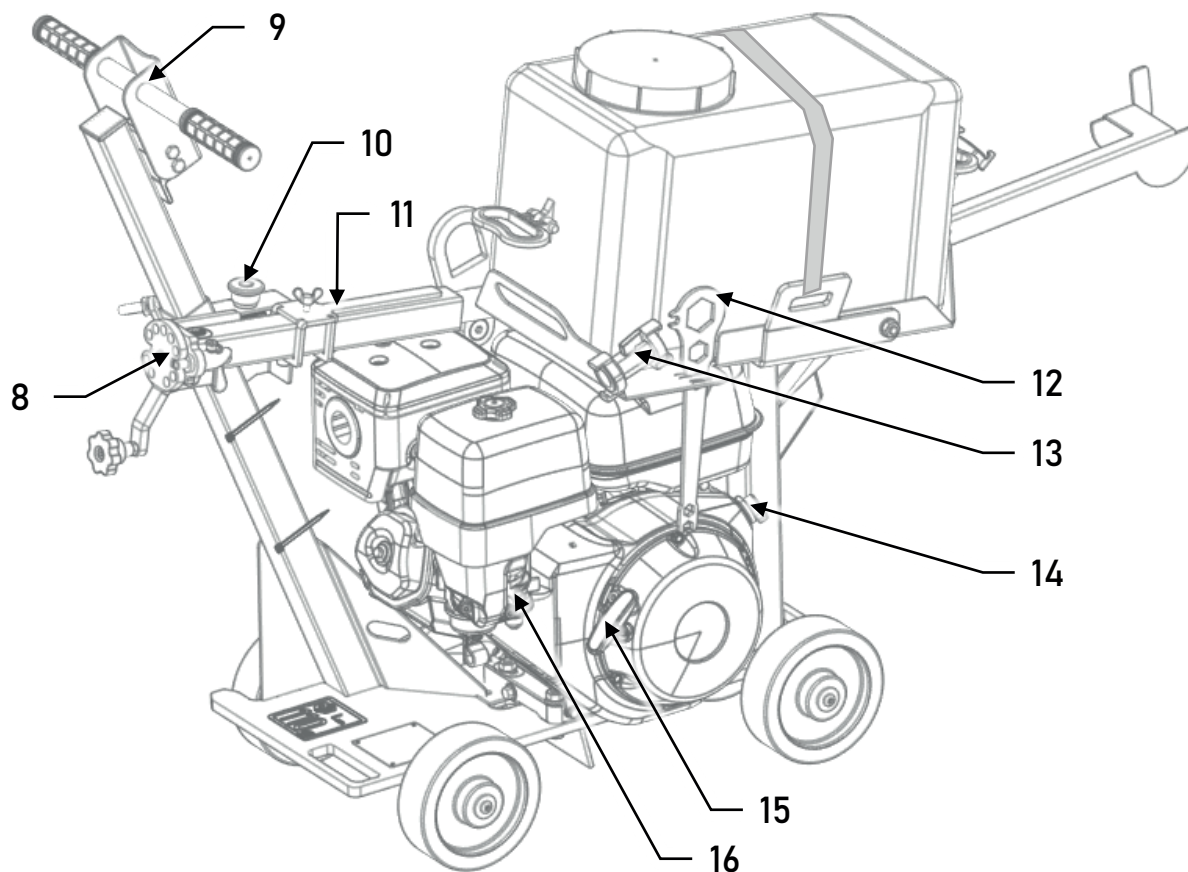
Dispose of the machine according to the environmental regulations valid in your country. Electrical waste must not be dumped in general waste. Take the machine to a central collection point.

3. DEVICE DESCRIPTION

3.1. Designation of the machine parts



- Pos. 1 Saw blade guard with folding function
- Pos. 2 Pointer
- Pos. 3 Water connection blade guard
- Pos. 4 Water tank with safety belt
- Pos. 5 Attachment point for lifting gear
- Pos. 6 HONDA GX 390 gasoline engine
- Pos. 7 Parking brake (when saw arm is raised)



- Pos. 8 Cutting depth adjustment with lock
- Pos. 9 Vibration-damped handlebar
- Pos. 10 Engine stop switch
- Pos. 11 Cutting depth display
- Pos. 12 Multi-purpose wrench
- Pos. 13 Water connection for hose with regulation
- Pos. 14 Ignition switch
- Pos. 15 Pull starter
- Pos. 16 Choke and throttle control

3.2. Technical Data

| | SEAFLOOR 501 |
|----------------------------------|-------------------------|
| Max. cutting depth | 180 mm |
| max. saw blade diameter | 500 mm |
| Max. saw blade width | 15 mm |
| Saw blade arbor | 25.4 mm |
| Saw blade speed | 2300 1/min |
| Empty weight | 105 kg |
| Water tank capacity | 25 liters |
| Drive motor | 1-cylinder Honda GX 390 |
| Power (kW/hp) | 8.7 kW / 11.7 HP |
| Fuel | Gasoline |
| Cooling | air-cooled |
| Gasoline tank capacity | 6.1 liters |
| Oil quantity / type | 10W40 / 1.1L |
| Transport dimensions L/W/H | 950 / 555 / 680 mm |
| Dimensions in operation L/W/H | 1040 / 585 / 910 mm |

3.3. Sound power level



WARNING

Danger of hearing damage

Wearing hearing protection is mandatory for sound power levels above 85 dB (A).

- Wear your personal hearing protection

Sound power level LWA 110 dB(A)

Emission sound pressure at the workplace LpA 96 dB(A)

Measurement tolerance KpA: 2.5 dB

The specified values were determined in accordance with EN 13862:2021, Annex B. These are noise emission values that are suitable for comparison with the specified values of other floor cutting machines tested to the same standard. These specified values are not noise exposure values. They are not directly suitable for use in risk assessment.

The exposure values measured at individual workplaces may be higher.

The actual exposure values depend on the operator's mode of operation, the actual operating conditions (in particular the material being processed), the duration of exposure and the machine's place of use.

3.4. Hand-arm vibration



WARNING

Danger of vibration

Vibration can lead to bone and joint damage, as well as to circulation problems.

- Take regular breaks when working with the machine.

The specified value was determined with the maximum saw blade diameter of 500 mm. The effects can be inversely proportional to the weight of the operator.

Vibration total value:

SEAFLOOR 501 a_{HV} 6.0 m/s²

The specified values were measured while cutting concrete at a cutting depth of 5 cm. In practice, this value is affected by the following conditions:

- Quality of the saw blade
- Condition of the machine
- Number of saw blades
- Condition of the unit
- Weight of the operator
- Feed speed

4. COMMISSIONING

4.1. Connections and operating materials

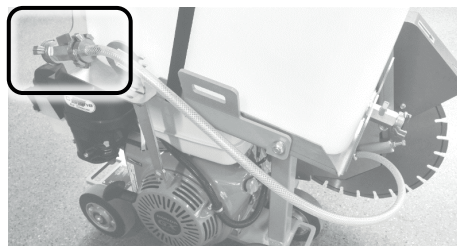
| | |
|---------------------------|---|
| Motor oil | The motor is filled with SAE 10W-40 motor oil by the manufacturer. Only motor oil of service class SJ or better approved by the manufacturer may be used. The specifications and quality requirements are contained in the operating manual for the fuel engine. |
| Fuel | The floor saw must be refueled with unleaded, sulphur-free gasoline in accordance with DIN EN 228 (RON 95 octane). The engine can also be operated with E10 fuel. The specifications and quality requirements are contained in the operating manual for the fuel engine. |
| Lubrication points | Only use quality grease on the grease nipples. The lubricating grease used on the floor saws bears the designation „Energrease LS2 BP“. (Lithium saponified multi-purpose grease of NLGI grade 2 according to DIN 51818/NLGI GC - LB grade 2) |
| Water supply | The water tank may only be filled with clean water. The water pressure in the supply line must not exceed 5 bar. If necessary, connect a pressure reducer upstream. |



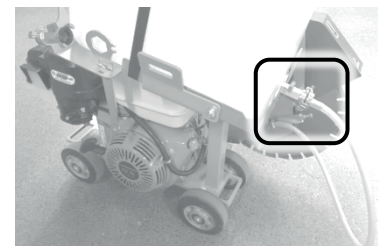
These specifications refer to normal operating and environmental conditions.
Other specifications may be required for use in extreme climatic conditions.

4.2. Water supply options

Connection and regulation of the water quantity



Supply directly via hose



Supply via water tank (25l / 6.6gal)

4.3. Refueling with fuel



WARNING

Danger of fire and explosion

Highly flammable fuel vapors. Danger of burns or serious injury due to explosion.

- Smoking is absolutely prohibited during the process
- Keep all ignition sources away
- Do not overfill the tank or spill fuel
- Only refuel outdoors or in well-ventilated areas



CAUTION

Danger of burns

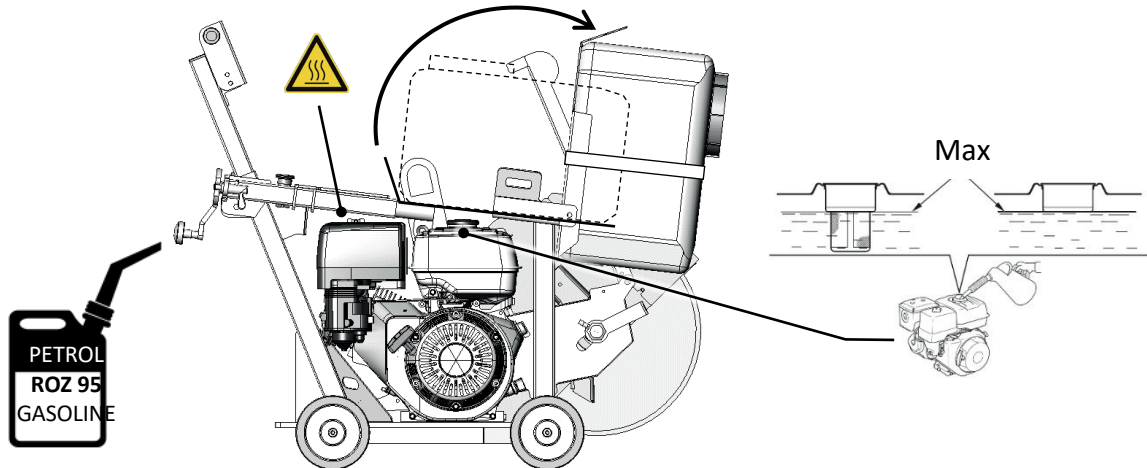
Burns from touching hot engine parts.

- Do not touch any engine parts
- Wear protective gloves
- Allow the engine to cool down before refueling

NOTICE

Store fuel safely

Fuel may only be stored in approved containers.
The containers must be labeled accordingly.



Sequence:

- Stop the engine and allow it to cool down if possible
- Fold the water tank forwards (make sure it is secured with a tensioning strap)
- Clean the cap on the fuel engine, then open it
- Fill fuel into the opening via the filter screen
- Only fill up to the filter screen! Do not spill anything.

4.4. Parking brake



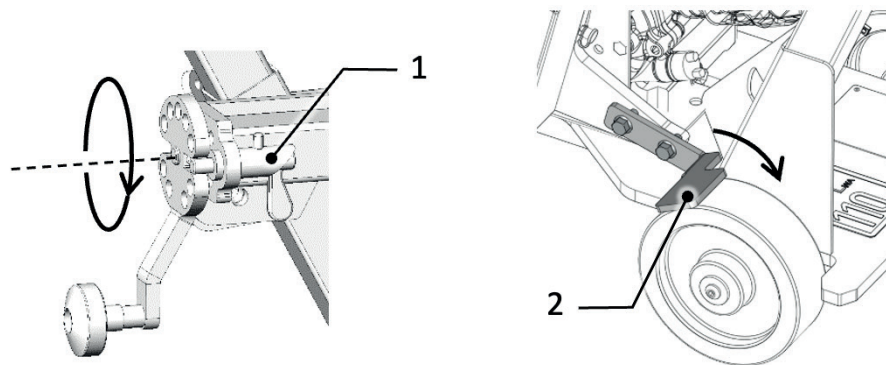
WARNING



Crushing and cutting injuries

Crushing injuries due to the machine rolling away or cutting injuries due to the rotating saw blade.

- Activate the parking brake every time you stop
- Switch off the motor before leaving the machine



Sequence



The parking brake is activated via the height adjustment of the saw arm in the top position.

1. Release the spring latch (Pos. 1)
2. Turn the height adjustment crank to the top position
3. The bracket (Pos. 2) presses on the wheel of the floor saw and prevents it from rolling away
4. Secure the height adjustment via the spring latch

4.5. Tools (saw blade)

NOTICE

Selection of the tool

No rotating tool, whose maximum speed is lower than the rated speed of the machine, must be used. Defective or broken tools must be replaced immediately.

Selection of the saw blade

See Chapter 8 Tools

Tool storage

The tools used must be protected from moisture. The segments installed around the saw blade must be protected from damage.

4.6. Installing / changing the saw blade



WARNING

Cutting injury and danger of being drawn in by the rotating saw blade

Touching the rotating saw blade can result in cuts, severed limbs and burns.

- It is forbidden to remove or open the saw blade guard, or to reach into the rotating saw blade
- The motor must be switched off and secured against unexpected restarting while work is being carried out on the cover or saw blade of the floor saw.
- Wear gloves, the saw blade and the blade guard can be very hot

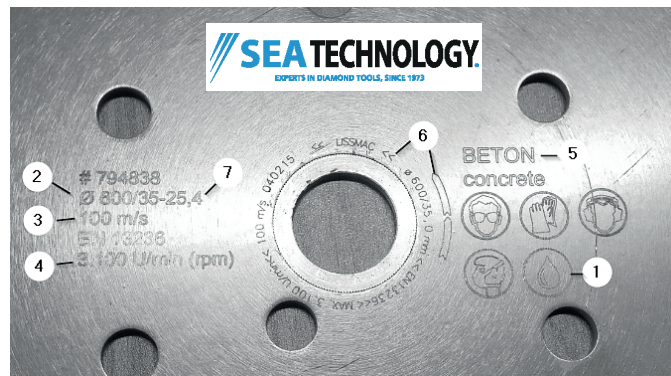
Always check saw blades before installation!

- Blade for wet cutting? (1)
- Blade suitable and approved for cutting work? (5)
- Blade and holder are of the right size? 2 (7)
- Permissible cutting speed maintained? 3 (4)
- Observe the direction of rotation (6)
- All segments available?
- No undercut of the segments?
- Was the blade overheated? (shiny steel blue tarnished = do not use!)
- No cracks in the blade?

Check: Knock with piece of wood

Blade reverberates = OK

Blade sounds dull = do not use!

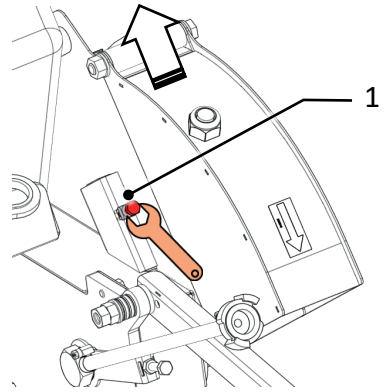


Sequence:

1. **Activate the parking brake, stop the motor, wait for all parts to come to a standstill**

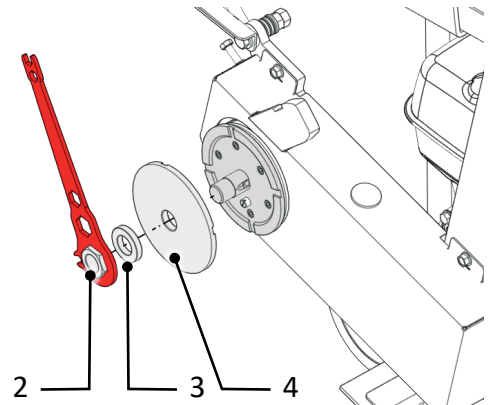
2. Release the guard lock (Pos. 1)

→ Saw blade guard can be removed upwards



3. Loosen the flange nut (Pos. 2) with the on-board tool

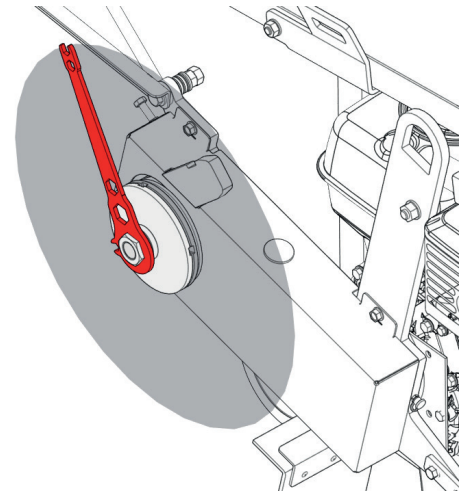
4. Remove the spacer ring (Pos. 3) and thrust washer (Pos. 4)



5. Clean the flange surface and place the saw blade on the holder

6. Fit the thrust washer and spacer ring and tighten with the flange nut.

(The spacer ring is not required when using multiple disks)



7. Fit the saw blade guard and tighten the guard lock

4.7. Drive belt

WARNING



Cutting and crushing injuries on the rotating belt drive

Risk of body parts and clothing being pulled in when opening and removing the belt cover.

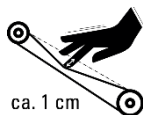
- Removing or opening the belt cover or engaging in the rotating belt drive is prohibited
- This work may only be carried out when the pulley is stationary and the drive motor is switched off

Effects of incorrectly tensioned drive belts:

Drive belts too loose:
Drive belts slip on the V-belt pulley
No or poor power transmission, excessive wear

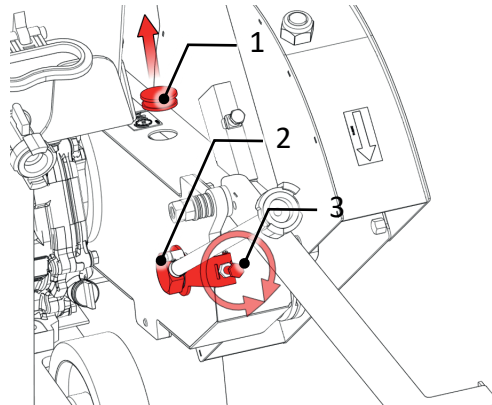
Drive belts too tight:
Excessive wear, excessive heating of the V-belt pulleys with consequential damage

Checking the belt tension



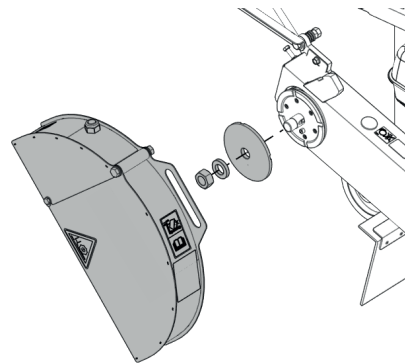
The drive belts can be checked by applying finger pressure.

1. Removing the cover cap (Pos. 1)
2. Check by checking the pressure with your finger or a meter stick
3. Loosen the screw connection (Pos. 2)
4. Adjust the belt tension with the tensioning screw (Pos. 3).
5. Tighten the screw connection again.

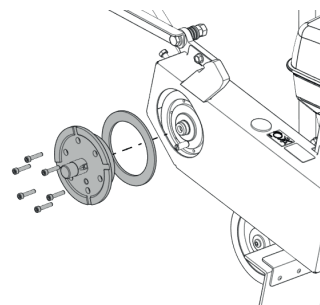


Replacing the drive belts

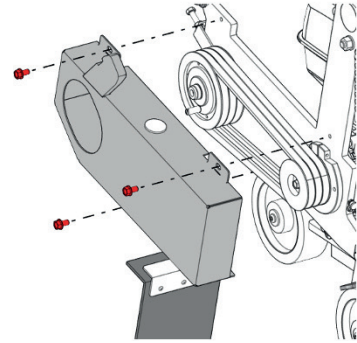
1. Remove the blade guard and remove the thrust washer and saw blade.



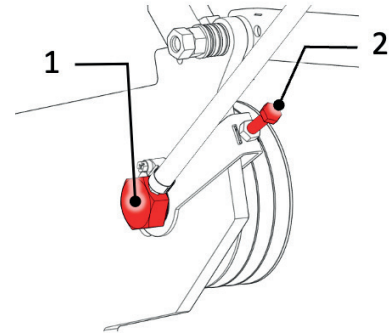
2. Remove the saw blade flange and sealing ring.



-
3. Loosen the screw connections and remove the belt guard plate.

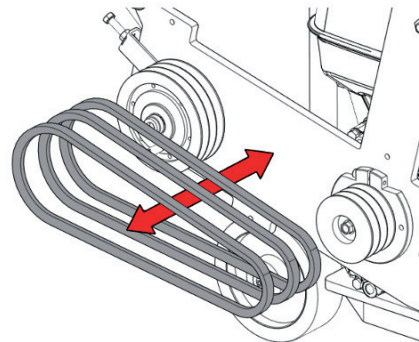


-
4. Loosen the screw (Pos. 1) and slacken the belt using the tensioning screw (Pos. 2).



-
5. Replace the belt set.

→ Reassemble in reverse order.



NOTICE

Replacing belts

Only use belts of the same type and manufacturer. We strongly recommend that you only ever replace complete belt sets. Simultaneously using old and new belts cuts the service life of the new belts in half.

5. TRANSPORT

5.1. Transport position



WARNING



Crushing due to unsecured machine

Injuries due to the unintentional change of the position of the machine or the falling of parts.

- Only transport the floor saw in transport position.
- Secure the floor saws using attachment points

NOTICE

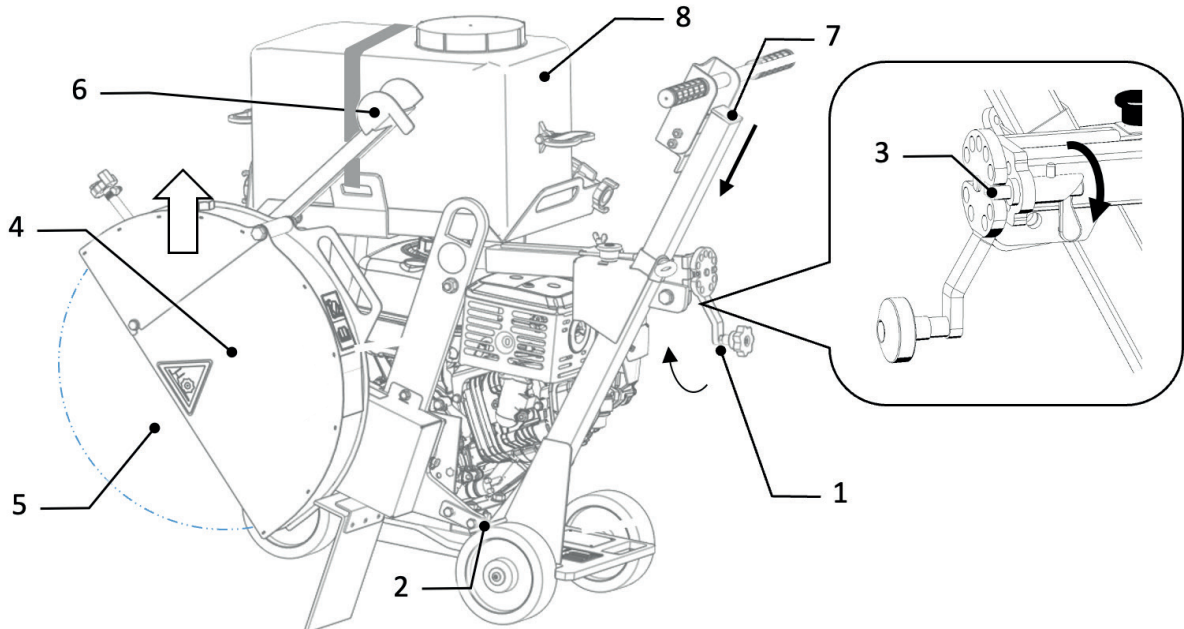


Machine transport

Avoid large inclinations when transporting the floor saw. Fuel can escape or engine oil can run into the combustion chamber of the engine and damage the engine.

Maximum inclination to all sides 30°. Do not place the machine on one side. Only transport upright.

All movable parts which could fall or swing during transport must be removed.



Transport position

1. Turn the height adjustment (Pos. 1) all the way up until the locking brake (Pos. 2) engages and lock the saw arm in the top position using the spring latch (Pos. 3)
2. **Switch off the drive motor and wait for all parts to come to a standstill**
3. Remove the blade guard (Pos. 4)
4. Remove the saw blade (Pos. 5) to prevent damage to the saw blade
5. Fold the dipstick (Pos. 6) towards the machine

6. Insert the handlebar (Pos. 7) into the frame and secure with a screw
7. Empty the water tank (Pos. 8) and lash it to the machine or remove it

5.2. Relocating using a crane



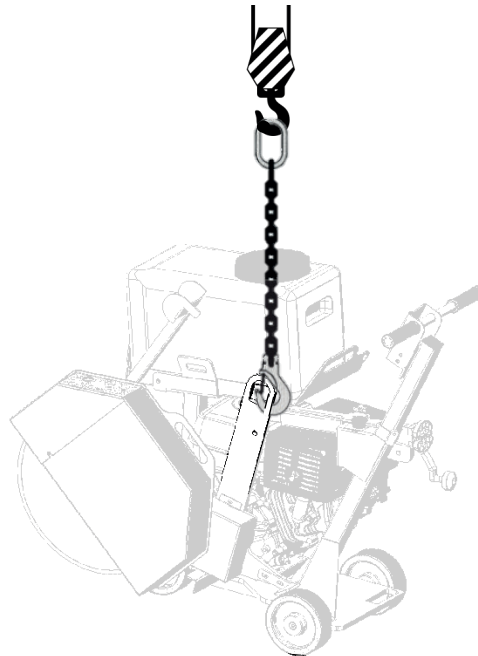
WARNING



Suspended loads

Danger of injury due to falling parts.

- Do not stay under hoisted machines or parts.
- Only use undamaged lifting gears with the sufficient load bearing capacity and length.
- The machine must only be moved in the transport position.



Sequence:



- Bring the machine into transport position (see 5.1)
- Suspend the floor saw by the crane eyelet using a lifting gear with sufficient load capacity.
- Appoint a competent instructor before the lifting operation
- Only use a suitable transport vehicle with an adequate load-bearing capacity
- Raise carefully and observe the center of gravity
- Always keep an eye on the floor saw
- When re-starting, proceed according to the operating manual.

5.3. Securing the machine for transport

WARNING

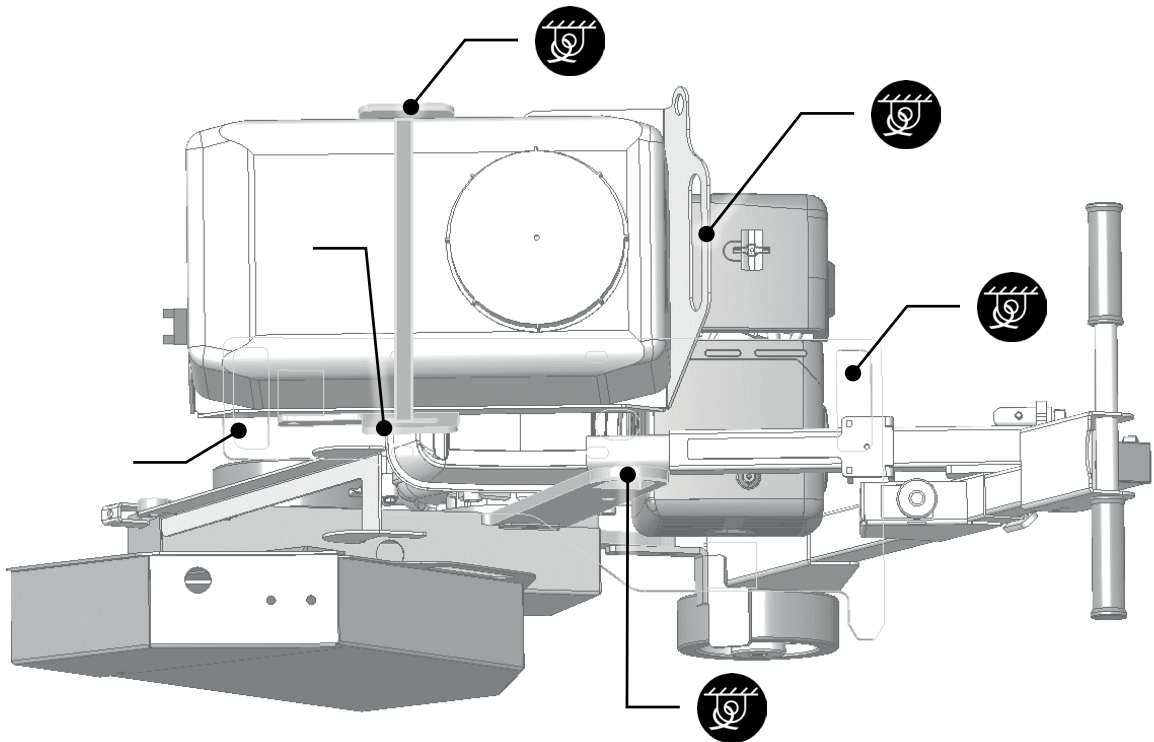


Injuries through slipping or tilting of the machine

People can be crushed by accidental position changes of the machine.

- Only ever transport the machine in transport position.
- Secure the machine at the suitable attachment points.
- Use suitable lashing material.
- Observe the permissible total weight of the transport vehicle

Attachment points



Sequence:

- Set up the transport position (see 5.1)
- Attach the floor saw to the sufficient suitable lifting tackle at the lashing points.
- Preferably remove the water tank and saw blade guard

6. OPERATION

6.1. General safety



- The floor saw may only be operated by one person. Ensure that other people vacate the work area or set up a barrier.
 - Never start the machine when the saw blade rests on the ground. The drive will be overloaded.
 - Do not correct cutting errors "by force". This will only damage the saw blade and the machine.
 - Never switch the machine off while engaged in cutting. Always lift the blade out of the joint first.
 - Do not operate the machine in case of fatigue and exhaustion or under the influence of alcohol, drugs or medication.
 - Use only saw blades of the suitable type and size.
 - NEVER use damaged saw blades.
 - Keep the machine clean and only operate it when it is error-free.
 - Ensure stable water supply.
 - Remove all obstacles from the cutting area.
 - Ensure good lighting at night.
 - Make only straight cuts.
-



WARNING



Danger of injury from rotating tools and drives

Serious injury due to rotating saw blade or belt drives when opening and removing safety guards

- Stop the motor and wait for all parts to come to a standstill
 - Do not remove blade guards and covers while the machine is running
 - Do not touch any rotating parts
-

6.1. Special types of danger

6.1.1. Combustion engines



DANGER

Poisonous exhaust gases



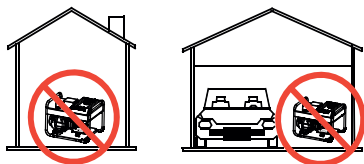
The exhaust gases of the combustion motor contain carbon monoxide. It is an invisible, odorless and tasteless gas that can cause unconsciousness and suffocation. It can accumulate quickly in closed rooms and remain there for hours, even after the motor was switched off.

- Never operate machines with combustion engines in closed or confined spaces
- If you feel nauseous or sick, switch the motor off immediately and seek fresh air. Consult a physician. You could suffer from carbon monoxide poisoning.

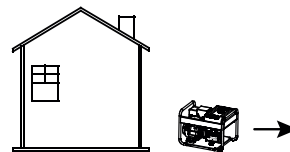


DANGER

Using a generator indoors **CAN KILL YOU IN MINUTES**. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.



NEVER use inside a home or garage. EVEN IF doors and windows are open.



Only use **OUTSIDE** and far away from windows, doors, and vents.

6.2. Starting and stopping the machine

WARNING

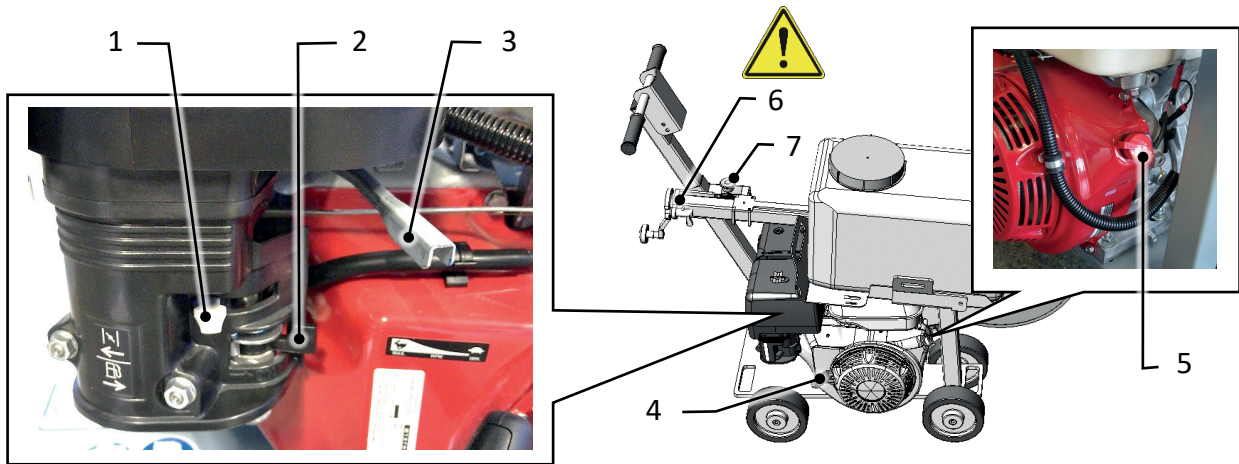


Automatic starting of the cutting tool

The saw blade rotates as soon as the engine is running. It cannot be decoupled.

- Always maintain the greatest possible safety distance from the saw blade.

6.2.1. Starting



- Pos. 1 Choke
- Pos. 2 Fuel tap
- Pos. 3 Throttle lever

- Pos. 4 Pull starter
- Pos. 5 Engine switch
- Pos. 6 Parking brake
- Pos. 7 Engine stop

Prerequisites

Fuel in the tank

Engine stop unlocked

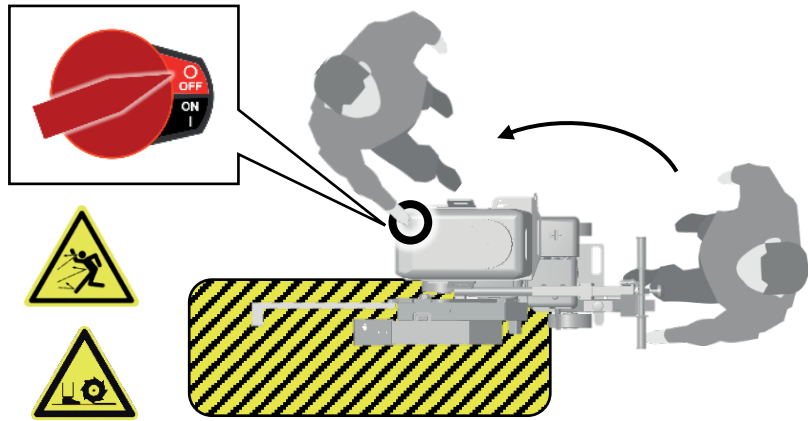
Starting the engine SF 501

- 1. Apply the parking brake (6)**
Check fuel, air filter and oil level
2. Open the fuel tap (2)
Choke (1) to closed
3. Throttle lever (3) to 1/3 position
4. Engine switch (5) to I
5. Pull the starter (4) slowly until resistance is felt, then pull firmly in the direction of the arrow. Slowly pull the cable pull handle back, do not let go at the top!
6. Gradually reset the choke (1) while the engine is warming up
7. Throttle lever (2) to full throttle
8. → Ready to cut

6.2.2. Stopping

The ignition on/off switch is located at the front of the engine.
The operator must always switch off the engine from the side facing away from the saw blade.

CAUTION: Always maintain the greatest possible safety distance from the saw blade!

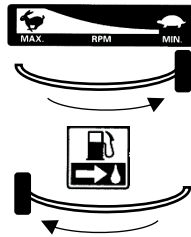


Sequence:



1. Move the saw blade until it is free (lift the blade completely from the kerf)

Activate the parking brake



1. Throttle lever to MIN

2. Close the fuel tap



3. Ignition switch to 0/OFF



A detailed description can be found in the operating manual for the combustion engine.

6.3. Setting up and moving the floor saw

WARNING



Cutting injuries due to rotating saw blade

By touching the rotating saw blade clothes can be pulled in and limbs severed.

- Any movement of the machine outside the area where cutting work is to be performed must be done when the tool is not rotating.

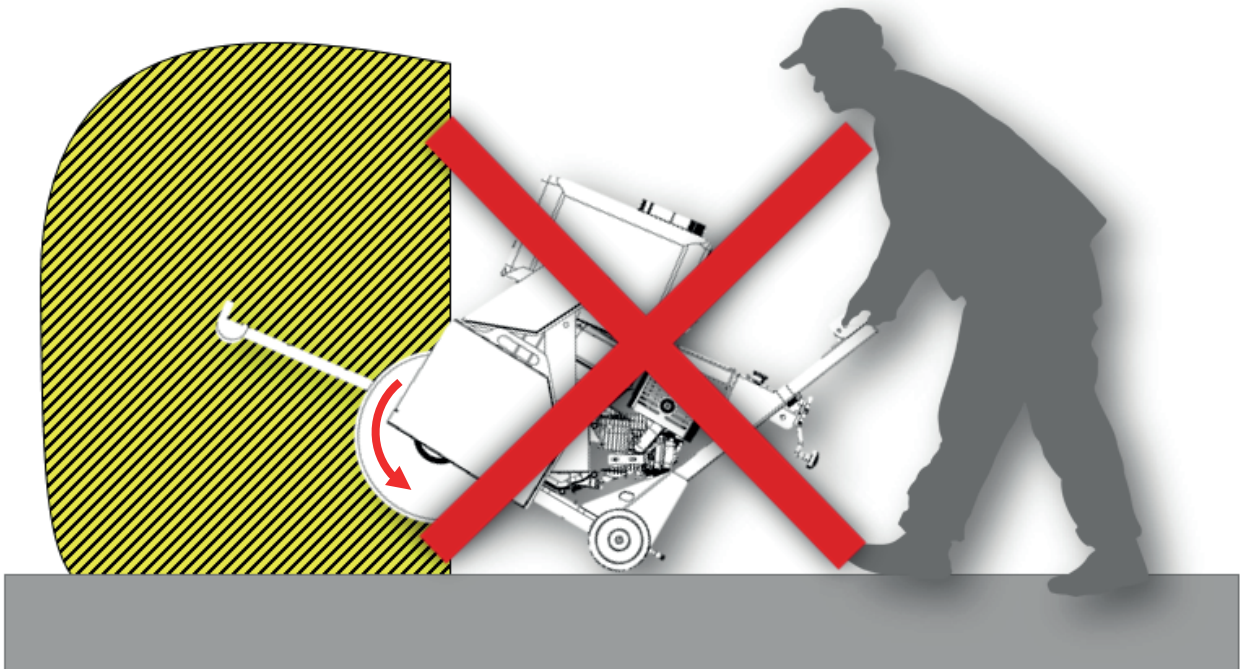
WARNING



Danger in the work area

The running machine has a high potential for injury if it is not operated and used responsibly and in accordance with the instructions.

- The operator must initiate the feed movement using the handlebar and stay behind the push rods when cutting.
- The floor saws may only be operated by one person, direct other persons away from the cutting area or cordon off this area



6.4. Cutting with the floor saw

Sequence:

1. Place the floor saw in position
2. Fold the dipstick down
3. Align the dipstick and saw blade above the cutting line
4. Open the ball valve on the water canister or water connection
5. Start the engine and apply the throttle lever of the fuel engine as far as it will go
6. Slowly lower the blade to cutting depth using the crank handle
7. Initiate feed movement via the handlebar
8. Adjust the feed speed

 **WARNING**

Ejected parts



If the saw blade is not supplied with sufficient cooling water for wet cutting, there is a risk of overheating and parts may break off. The grinding dust is not sufficiently bound.

- Ensure that saw blade cooling is always guaranteed
- Dry cuts only permitted with dry cut setup



Pay attention to a straight cut to avoid tilting of the saw blade.

Perform deep cuts in several passes.

Do not use excessive feed force.

All movements when handling the machine must be controlled and not jerky.

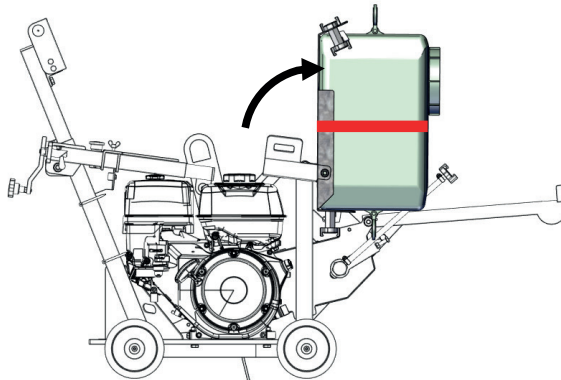
Ensure a secure footing and good visibility.

6.5. Cutting with increased contact pressure

Option

For more pressure on the blade, the water tank can be tilted forward as ballast.

Ensure that the safety belt is firmly tightened.



6.6. Depth setting



NOTICE

Always lower the blade slowly to prevent damage.

Sequence:

1. Lower the saw blade using the crank until it barely touches the floor.
 2. Loosen the wing nut on the depth display (Pos. 2).
 3. Slide the depth display on the pipe up to „0“ on the scale and tighten the wing nut.
- ➔ The cutting depth can now be read off at the end of the display on the scale (Pos. 1).



6.7. Switching the machine off safely

Sequence:



1. Park the machine on a level surface capable of carrying the load.
2. **Crank to the top position and secure using the parking brake**
3. Set the gas lever back completely
4. Close the gasoline cock
5. Ignition switch to 0

6.8. Cutting with the blade guard opened

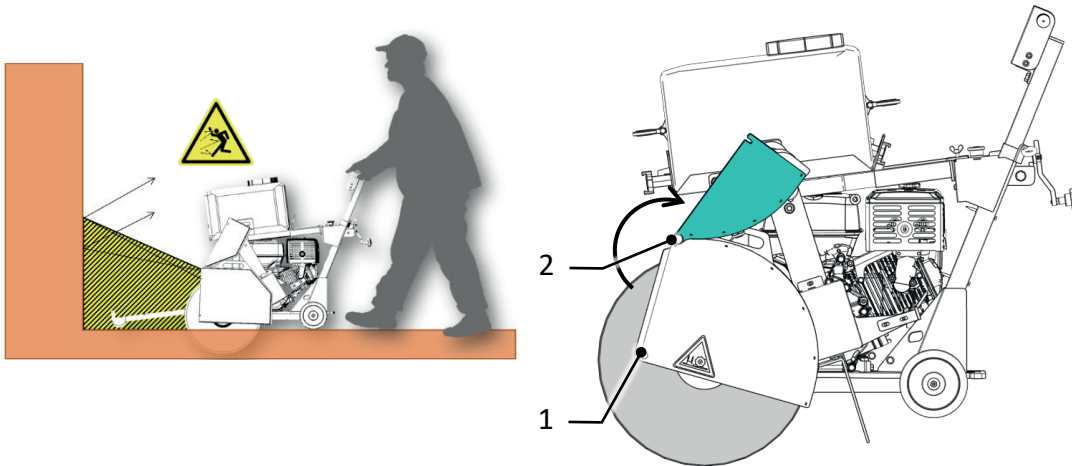
WARNING



Danger of cutting on the exposed saw blade

Serious injuries due to rotating saw blade or ejected material.

- Conversion only when the blade is stationary and the drive is safely deactivated
- Keep the machine's cutting area free
- Block off the cutting area
- Wear a safety helmet, work shoes and safety goggles



Sequence:

The saw blade guard can be opened at the front of the floor saw. This function is required when cutting corners at a wall.

1. **Switch off the drive motor and wait for all parts to come to a standstill**
2. Loosen the side screws on the blade guard (Pos.1)
3. Fold the blade guard upwards
4. Tighten the screws on the hinge (Pos. 2) to secure it
5. Starting and cutting the drive motor

After cutting

1. **Switch off the drive motor and wait for all parts to come to a standstill**
2. Close the blade guard immediately and secure with screws (Pos. 1 and 2).

7. MAINTENANCE

7.1. Maintenance



WARNING

Danger of injury due to rotating parts.



Serious injuries due to rotating saw blade or belt drive

- Maintenance and repairs must only ever be carried out when the machine is switched off.
- Maintenance and repairs may only be carried out by qualified personnel.
- The machine must be secured against being switched on by other persons
- It is forbidden to open blade guards when the drive is active

Cleaning



To protect the painted surfaces, do not use aggressive cleaning products. Do not use a high-pressure cleaner on the motor and switching elements.

Motor oil

SAE 10 W-30 recommended for standard applications. Observe the operating manual of the motor manufacturer, which is attached to each machine as an enclosure. Pay particular attention to the safety and maintenance instructions.

Stickers

Regularly check the machine for damaged or detached safety notices. Illegible or damaged danger and warning notices on the device must be replaced immediately.

Lubrication

Only use quality grease which meets the specifications on the grease nipples. The grease used by the manufacturer is called „Energrease LS2 BP“.

| | Before each use | daily | weekly | monthly |
|--|--|-------|--------|---------|
| Conduct a visual inspection for obvious damage and defects | • | | | |
| Thoroughly clean the floor saw (depending on the application). | | • | | |
| Check engine oil level | • | | | |
| Change engine oil and gear oil | every 6 months | | | |
| Check the air filter | | • | | |
| Replace air filter and spark plug | Every 6 months (earlier if necessary) | | | |
| Grease the lubrication point on the saw arm | | | | • |
| Spray the spindle for the saw blade height adjustment with spray grease | | | | • |
| Lubricate the spring latch via the grease nipple on the cutting depth adjustment | | | | • |
| Re-tension the drive belt after the first 2 hours of operation | | | • | |
| Screw connections | Retighten all screw connections after 20 hours of operation. | | | |
| The maintenance instructions refer to normal, intended use. | | | | |

7.3. Cleaning/exchanging the air filter

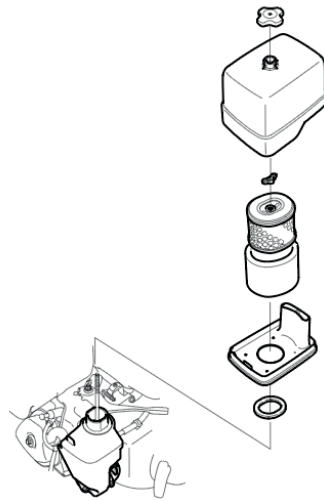


The air filter filters the ambient air and prevents the penetration of foreign matter into the combustion chamber. These foreign matters settle on the air filter in the course of the time and reduce the flow of air.

The air filter should be checked regularly and replaced in good time to prevent engine damage. Operating the engine without an air filter is not permitted.

CAUTION: The ambient air is very dusty, especially in dry operation. The maintenance intervals for the air filter must then be shortened.

Sequence:



- Unscrew the star knob and remove the cover

- Unscrew the wing nut
- Remove and wash out the foam casing
- Tap out or replace the air filter element

- Visually inspect the seal

- Reassemble in reverse order

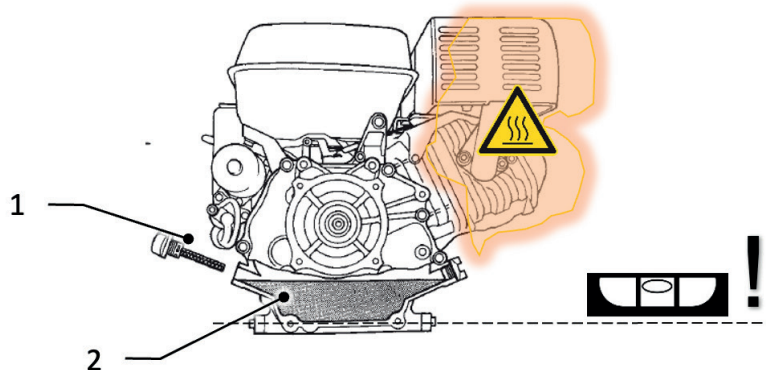
7.4. Check the oil level of the motor



- Place the appliance on a horizontal surface.
- Activate the parking brake.
- Deactivate the engine safely.

Sequence:

- Check the oil level with the dipstick (Pos. 1).
- Slowly top up the missing oil at the filler neck (Pos. 2) up to the lower edge of the filler opening.
Use a clean funnel so as not to spill anything.
- Close the filler opening securely again.



7.5. Rectification



Disconnect the mains plug before carrying out maintenance or repair work.

Take suitable measures to prevent accidental restarting.

Maintenance and service work must only be carried out by qualified technical personnel.

| Error | Cause | Remedy |
|--------------------------|---|-----------------------------------|
| Poor cutting performance | Saw blade is blunt | Replace saw blade |
| | Too little cooling water | Check water supply |
| | The V-belt is slipping | Retighten the drive belt |
| | The motor does not provide the full performance | see operating manual of the motor |
| Floor saw does not start | Fuel tank empty | Refill fuel |
| | Fuel filter or spark plug dirty | Check, clean or replace part |
| | Main switch in the wrong position | Main switch in ON position |
| | Supply line defective | Check supply line |
| | Fuse or RCD tripped | Check power supply |
| Crank cannot be turned | Spring latch not unlocked | Unlock spring latch |
| | Spring latch is jammed | Lubricate spring latch |

NOTICE

In the event of cutting problems, check the following points:

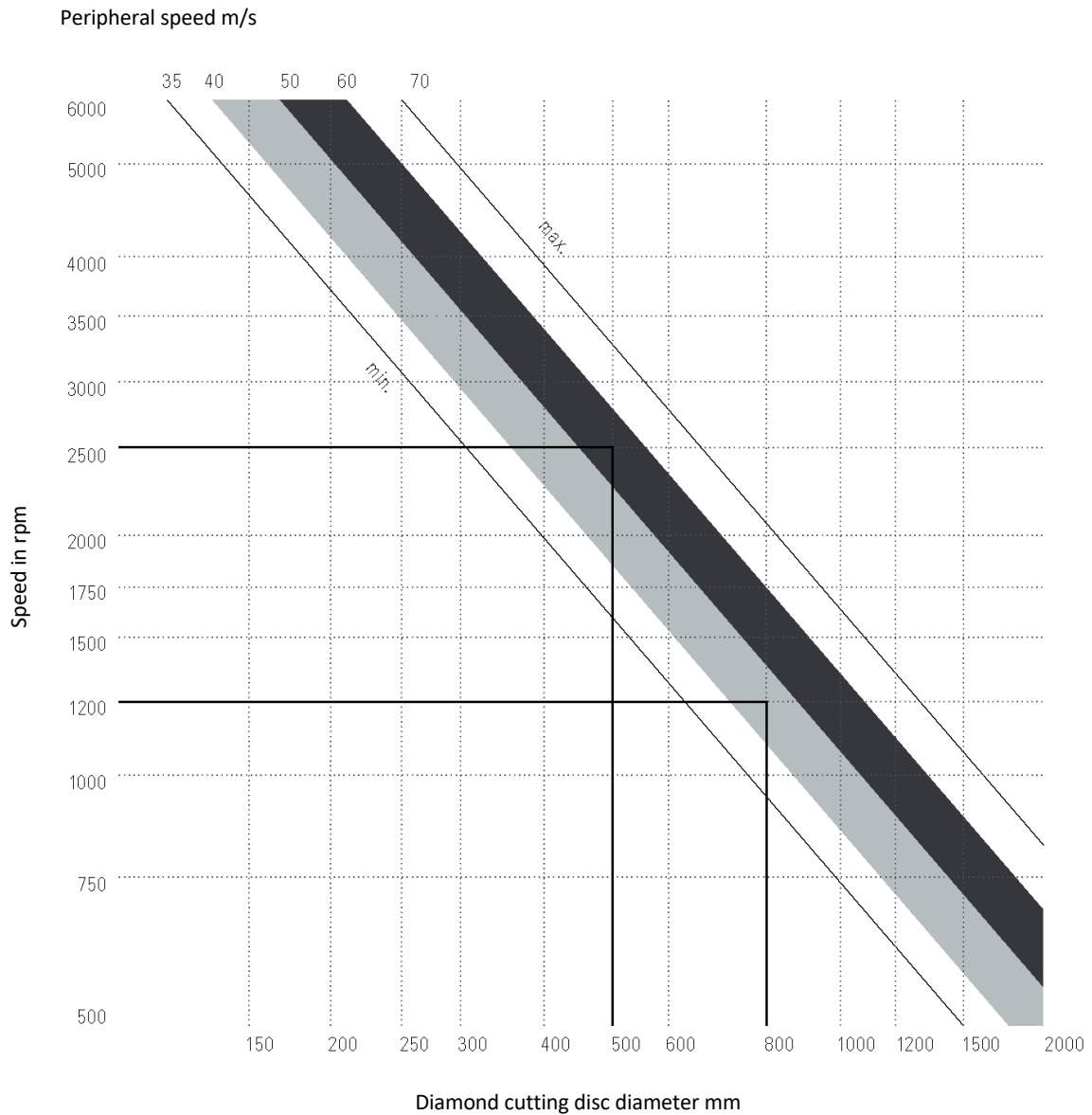
Saw blade blunt or defective?

Too little water to cool the saw blade?

Correct saw blade selected?

Full capacity or speed of motor?

8. TOOLS



All tools in the field of diamond tools are color-coded. The tools differ, depending on the area and scope of application. For the best results, the parameters must be correct. With this diagram, the optimum cutting performance can be determined.



The prices of the tools can be determined in the LISSMAC sales booklet. This sales booklet can be obtained from the manufacturer at any time.

9. WARRANTY

The warranty for this machine is 12 months. Warranty is only provided for the wear parts listed below if the wear is not due to operation.

Wear parts are parts which undergo operation-dependent wear during the intended use of the machine. The wear time cannot be defined uniformly; it varies depending on the intensity of use. The wearing parts must be maintained, adjusted and replaced if necessary for the specific machine as set out in the manufacturer's operating manual.

Operation-dependent wear does not require any claims for defects.

Feed and drive elements such as racks, gear wheels, pinions, spindles, spindle nuts, spindle bearings, cables, chains, sprocket wheels and belts

Seals, cables, hoses, sleeves, plugs, couplings and switches for pneumatic, hydraulic, water, electric and fuel systems

Guide elements such as guide rails, guide bushes, guide rails, rollers, bearings, anti-slip pads

Clamping elements of quick release systems

Rinsing head seals

Plain and roller bearings which do not run in an oil bath

Shaft sealing rings and sealing elements

Friction clutches and overload clutches, braking equipment

Carbon bushes, collectors

Easy release rings

Control potentiometer and manual switching elements

Fuses and lamps

Operating materials and supplies

Securing elements such as wall plugs, anchors and screws

Bowden cables

Fins

Diaphragms

Spark plugs, glow plugs

Parts of the reversing starter such as starter rope, starter pawl, starter roller, starter spring

Sealing brushes, sealing rubber, splash guards

Filters of all kinds

Drive and deflection rollers and bindings

Rope impact protection elements

Running and drive wheels

Drilling, separating and cutting tools

Rubber scrapers

Needle felt protection

9. REPLACEMENT PARTS

| Item | Item no. | Designation | Specification | Units | Spare part Recommendation | US \$ | EU \$ |
|---------|--------------|--|----------------------|-------|---------------------------|-------|-------|
| 1 | SFLS01300044 | HEXAGON NUT | DIN 934 24x1.5 | 1 | X | X | X |
| 2 | SFLS01601028 | PRESSURE DISC | | 1 | | X | X |
| 3.1 | SFLS01613428 | SAW BLADE FLANGE | | 1 | | X | |
| 3.1 | SFLS01601019 | SAW BLADE FLANGE | | 1 | | | X |
| 3.2 | SFLS01300267 | SET SCREWS WITH SLOT AND FLAT POINT | DIN 427 10x25 A2 | 1 | X | X | X |
| 3.3 | SFLS01301272 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 6x38 12.9 | 6 | | X | X |
| 4.1-4.2 | SFLS01200248 | SLIDE RING SEAL | | 1 | X | X | X |
| 5 | SFLS01205515 | SEALING RING | | 1 | | X | X |
| 6.1 | SFLS01603442 | RIEMENSCHUTZ | | 1 | | X | |
| 6.1 | SFLS01601982 | RIEMENSCHUTZ | | 1 | | | X |
| 6.2 | SFLS01300556 | HEXAGON HEAD SCREW | DIN 933 6x12 | 3 | | X | X |
| 6.3 | SFLS01614087 | SPLASH GUARD BRACKET | | 1 | | X | X |
| 6.4 | SFLS01205248 | RUBBER SPRAY PROTECTION | | 1 | | X | X |
| 7 | SFLS01601463 | SAW BLADE PROTECTIVE GUARD COMPLETE | | 1 | | X | X |
| 8 | SFLS01400273 | CABLE SLEEVE | | 1 | X | X | X |
| 10 | SFLS01615258 | BEARING PINS | | 1 | | X | X |
| 11 | SFLS01200253 | BALL BEARING | 6208 2RS A-bearing | 2 | X | X | X |
| 12 | SFLS01615187 | SEPARATOR | | 1 | | X | X |
| 13 | SFLS01200426 | V-BELT | XOPA 911 3er-Giet | 1 | X | X | X |
| 14 | SFLS01615158 | V-BELT DISC SAW BLADE | | 1 | X | X | X |
| 15 | SFLS01615257 | SPACER RING | | 1 | | X | X |
| 16.1 | SFLS01615472 | SAW ARM 300 P | | 1 | | X | X |
| 16.2 | SFLS01615473 | BRAKE 300 P | | 1 | | X | X |
| 16.3 | SFLS01300045 | SECURE HEXAGON HEAD SCREW | 8x20 Verbus | 2 | | X | X |
| 16.4 | SFLS01615489 | SAW ARM 300 E | | 1 | | | X |
| 16.5 | SFLS01615316 | BRAKE 300 E | | 1 | | | X |
| 16.6 | SFLS01300045 | SECURE HEXAGON HEAD SCREW | 8x20 Verbus | 1 | | | X |
| 17.1 | SFLS01300773 | LUBRICATION NIPPLE | DIN 71412 8x11 | 1 | | X | X |
| 17.2 | SFLS01300575 | PROTECTIVE CAP WITH LUBRICATION NIPPLE | | 1 | | X | X |
| 18.1 | SFLS01600482 | BELT TENSIONER COMPLETE | | 1 | | X | X |
| 18.2 | SFLS01300145 | HEXAGON HEAD SCREW | DIN 933 8x55 | 1 | | X | X |
| 18.3 | SFLS01300034 | LOCK NUT | BW V-Farm 8.0 | 2 | | X | X |
| 18.4 | SFLS01300114 | SQUARE NUT | DIN 557 M8 | X | | X | X |
| 20.1 | SFLS01615275 | STEERING ROD | | 1 | | X | X |
| 20.2 | SFLS01300088 | HEXAGONAL NUT WITH PLASTIC RING | DIN 934 12.0 | 1 | | X | X |
| 20.3 | SFLS01300166 | WASHER | DIN 125 A 13.0 | 1 | | X | X |
| 20.4 | SFLS01300079 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 12x50 | 1 | | X | X |
| 20.5 | SFLS01200341 | FRICTION PAD | RS29 30x30x12.1 mm | 1 | | X | X |
| 20.6 | SFLS01300558 | DISC SPRING | DIN 2093 25.0 X 12.2 | 6 | | X | X |
| 20.7 | SFLS01300621 | HEXAGON NUT | DIN 439 12.0 | 1 | | X | X |
| 21 | SFLS01300539 | ALIGNMENT DISC, STEEL | DIN 988 25x35x0.5 | 1 | | X | X |
| 22 | SFLS01300457 | ALIGNMENT DISC, STEEL | DIN 988 25x35x1.1 | 2 | | X | X |
| 23 | SFLS01615288 | HEXAGON HEAD SCREW | DIN 933 24x40 | 1 | | X | X |
| 24 | SFLS01613115 | HOSE NIPPLE | 6-RT 10x25 | 1 | | X | X |
| 25 | SFLS01200436 | HOSE CLAMP, TORRO | | 1 | | X | X |
| 26 | SFLS01200022 | PVC HOSE 0.93 M | | 1 | | X | X |

SEAFLOOR S01/SEAFLOOR S01 E

| Item | Item no. | Designation | Specification | Units | Spare part Recommendation | SFL S01 | SFL S01 E |
|-------------|--------------|--|------------------------|-------|---------------------------|---------|-----------|
| 27 | 5FL501301118 | SAFETY SCREW | 8x25 | 1 | | X | X |
| 28 | 5FL501615465 | STEEL WASHER | DIN 7349 13.0 | 1 | | X | X |
| 29 | 5FL501300166 | SPACER RING | | 1 | | X | X |
| 30 | 5FL501615259 | V-BELT PULLEY | RD 98x48 | 1 | X | X | |
| 30 | 5FL501615163 | V-BELT PULLEY | DFD 90x70 | 1 | X | | X |
| 30.1 | 5FL501200715 | CLAMPING SET | | 1 | | | X |
| 31 | | | | | | | |
| 31.1 | 5FL501680019 | BRASS NUT | | 1 | | X | X |
| 31.2 | 5FL501300644 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 6x35 8.8 galv. | 1 | | X | X |
| 32 | 5FL501615277 | SPACER BUSHING | | 1 | | X | |
| 33.1 | 5FL501615015 | MOTOR FLANGE | RD 158x34 | 1 | | X | |
| 33.2 | 5FL501615407 | MOTOR FLANGE | RD 168x43 | 1 | | | X |
| 33.3 | 5FL501300384 | COUNTERSUNK HEAD SCREW W/ ALLEN KEY | DIN 7991 8 X 28 | 4 | | X | |
| 33.4 | 5FL501300395 | COUNTERSUNK HEAD SCREW W/ ALLEN KEY | DIN 7991 10 X 38 | 4 | | | X |
| 34.1 | 5FL501206245 | PETROL MOTOR | 62398 | 1 | | X | |
| 34.1 | 5FL501400475 | ELECTRIC MOTOR | 7.5 kW | 1 | | | X |
| 34.2 | 5FL501200387 | PARALLEL KEY | | 1 | | X | |
| 34.3 | 5FL501300340 | LOCK NUT | BMW V-Form 10.0 | 1 | | X | X |
| 34.4 | 5FL501300363 | STEEL WASHER | DIN 7349 A 10.5 | 4 | | X | X |
| 34.5 | 5FL501300362 | HEXAGON HEAD SCREW | DIN 933 10x60 | 4 | | X | X |
| 37 | | | | | | | |
| 37 | SFL501680031 | SPINDLE CC 300 P COMPLETE | | | | X | |
| 37.1 | 5FL501680046 | GUIDE PIPE COMPLETE | | 1 | | X | X |
| 38 | 5FL501205147 | STICKERS | | 1 | | X | X |
| 38.1 | 5FL501615373 | TRAPEZE SPINDLE | | 1 | | X | |
| 38.2 | 5FL501300343 | HEXAGON HEAD SCREW | DIN 933 10x20 | 1 | | X | X |
| 38.3 | 5FL501300363 | STEEL WASHER | DIN 7349 10.5 | 1 | | X | X |
| 38.4 | 5FL501201939 | THRUST WASHER | | 1 | | X | X |
| 38.5 | 5FL501300166 | DISC | DIN 125 A 13.0 | 1 | | X | X |
| 38.6 | 5FL501300352 | SHIM | DIN 988 12x18x0.5 | 1 | | X | X |
| 38.7 | 5FL501205283 | PLASTIC GUIDING STOPPER | | 1 | | X | X |
| 38.8 | 5FL501200816 | SPACER SLEEVE | | 2 | | X | X |
| 38.9 | 5FL501261538 | CYLINDER BUSH | | 1 | | X | X |
| 40.1 | 5FL501680489 | SCALE PUSHER | | 1 | | X | X |
| 40.2 | 5FL501300608 | WING SCREW | DIN 316 6x16 | 1 | | X | X |
| 41.1 | 5FL501680429 | SPINDLE FIXTURE | | 1 | | X | X |
| 42.1 | 5FL501615467 | ROTATING LEVER | | 1 | | X | X |
| 42.2 | 5FL501300640 | SPRING PIN | ISO 8748 6x24 Spiral | 1 | | X | X |
| 42.3 | 5FL501201183 | SEPARATOR | | 1 | | X | X |
| 42.4 | 5FL501209177 | HANDLE | | 1 | | X | X |
| 42.5 | 5FL501360108 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 8x60 | 1 | | X | X |
| 42.6 | 5FL501300273 | HEXAGON NUT | DIN 934 8.0 | 1 | | X | X |
| 37.2 | | | | | | | |
| 37.2 | 5FL501300378 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 12x50 12.9 | 1 | | X | X |
| 37.3 | 5FL501300166 | STEEL WASHER | DIN 125 A 13.0 | 2 | | X | X |
| 37.4 | 5FL501201939 | START UP DISC, PLASTIC | | 2 | | X | X |
| 37.5 | 5FL501300398 | HEXAGON NUT | DIN 985 12.0 | 1 | | X | X |
| 38.1 | 5FL501628027 | TRAPEZE SPINDLE | | 1 | | | X |
| 41.2 | 5FL501300379 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 12x50 | 1 | | X | X |
| 41.3 | 5FL501300166 | STEEL WASHER | DIN 125 A 13.0 | 2 | | X | X |
| 41.4 | 5FL501300398 | HEXAGON NUT | DIN 985 12.0 | 1 | | X | X |

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SEAFLOOR S01/SEAFLOOR S01 E

| Item | Item no. | Designation | Specification | Units | Spare part Recommendation | SFL 501 | SFL 501 E |
|------|--------------|--|----------------------|-------|---------------------------|---------|-----------|
| 42 | SFL501681399 | MANUAL CRANK COMPLETE | | | | X | X |
| 42.1 | SFL501615467 | ROTATING LEVER | | 1 | | X | X |
| 42.2 | SFL501300848 | SPRING PIN | ISO 8746 Bx24 Spiral | 1 | | X | X |
| 42.3 | SFL501201183 | SEPARATOR | | 1 | | X | X |
| 42.4 | SFL501209177 | HANDLE | | 1 | | X | X |
| 42.5 | SFL501260108 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | DIN 912 8x50 | 1 | | X | X |
| 42.6 | SFL501300273 | HEXAGON NUT | DIN 934 8.0 | 1 | | X | X |
| 43.1 | SFL501680495 | FRAME | | 1 | | X | |
| 43.2 | SFL501682053 | FRAME | | 1 | | | X |
| 43.3 | SFL501300003 | RING SCREW | DIN 580 8.0 | 1 | | X | X |
| 44.1 | SFL501212005 | SOLID RUBBER WHEEL | 160x50mm 300KG | 4 | X | X | X |
| 44.2 | SFL501300433 | STEEL WASHER | DIN 440 9.0 | 4 | | X | X |
| 44.3 | SFL501300454 | ROUND HEADED SCREW | Bx16 10.9 | 4 | | X | X |
| 45 | SFL501681648 | HANDLE ASSBLY. PRE-MOUNTED | | 1 | | X | X |
| 45.1 | SFL501682393 | HANDLE | | 1 | | X | X |
| 45.2 | SFL501200088 | RUBBER SPRING ELEMENT | DR-W 27x70 | 1 | | X | X |
| 45.3 | SFL501615454 | SQUARE PIPE | | 1 | | X | X |
| 45.4 | SFL501200885 | RII - SLIDE STOPPER | | 1 | | X | X |
| 45.5 | SFL501615455 | THREAD PLATE | | 1 | | X | X |
| 45.6 | SFL501211416 | HANDLE RUBBER | | 2 | X | X | X |
| 48.1 | SFL501615244 | TANK MUFFLER | | 1 | | X | X |
| 48.2 | SFL501300942 | CARRIAGE BOLT | DIN 603 10x25 III | 2 | | X | X |
| 48.3 | SFL501300186 | STEEL WASHER | DIN 125 A 17.0 | 2 | | X | X |
| 48.4 | SFL501300177 | STEEL WASHER | DIN 125 A 10.5 | 2 | | X | X |
| 48.5 | SFL501300284 | LOCK NUT | BMW V-Form 10.0 | 2 | | X | X |
| 50 | SFL501280104 | GERA COUPLING | 1/2" External Thread | 2 | | X | X |
| 51 | SFL501280263 | BALL VALVE | 5K 200G 1/2" | 1 | | X | X |
| 52 | SFL501216085 | SIEVE | | 1 | X | X | X |
| 53 | SFL501280131 | GERA COUPLING HOSE PIECE | MS 3MF | 1 | | X | X |
| 54 | SFL501280142 | TENSIONING BELT WITH CLAMPING LOCK | | 1 | | X | X |
| 55 | SFL501680153 | WATER CANISTER COMPLETE | | 1 | | X | X |
| 55.1 | SFL501205828 | WATER CANISTER 30 L | | 1 | | X | X |
| 55.2 | SFL501280109 | REDUCING THREAD NIPPLE | | 1 | | X | X |
| 55.4 | SFL501280287 | SEAL | Polyamide 1/2" | 1 | | X | X |
| 55.5 | SFL501280263 | BALL VALVE | 5K 200G 1/2" | 1 | | X | X |
| 55.6 | SFL501280104 | GERA COUPLING | 1/2" External Thread | 1 | | X | X |
| 58 | SFL501615393 | COMBO KEY | | 1 | | X | X |
| 61 | SFL501400068 | PHASE TURNING PLUG | | 1 | | | X |
| 62 | SFL501400338 | FLEXIBLE LINE | | 1 | | | X |
| 63 | SFL501200495 | PIPE CLAMP WITH RUBBER PROFILE | | 1 | | | X |
| 64 | SFL501300278 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | | 1 | | | X |
| 65 | SFL501300482 | LOCK NUT | | 1 | | | X |
| 66 | SFL501400186 | CABLE SCREW FITTING | | 2 | | | X |
| 67 | SFL501400188 | LOCK NUT | | 2 | | | X |

| Item | Item no. | Designation | Specification | Units | Spare part Recommendation | S FL 501 | S FL 501 E |
|------|--------------|--|---------------|-------|---------------------------|----------|------------|
| 68.1 | — | HOUSING | | 1 | | | X |
| 68.2 | — | HOUSING COVER | | 1 | | | X |
| 69.1 | 5FL501400657 | ES MUSHROOM BUTTON RED | | 1 | X | X | X |
| 69.2 | 5FL501400646 | IDENTIFICATION SIGN | | 1 | | X | X |
| 69.3 | 5FL501400658 | SWITCH ELEMENT | | 1 | | X | X |
| 70.1 | 5FL501400441 | MAIN SWITCH INSERT | | 1 | | | X |
| 70.2 | 5FL501400482 | ROTATING HANDLE | | 1 | | | X |
| 71.1 | 5FL501400448 | STAR TRIANGLE SWITCH INSERT | | 1 | | | X |
| 71.2 | 5FL501400228 | COVER PLATE | | 1 | | | X |
| 71.3 | 5FL501400488 | ROTATING HANDLE | | 1 | | | X |
| 72 | 5FL501300278 | HEX SOCKET HEAD CAP SCREW WITH ALLEN KEY | | 4 | | | X |
| 73 | 5FL501300317 | HEXAGON NUT | | 4 | | | X |
| 74 | 5FL501300248 | STEEL WASHER | | 4 | | | X |

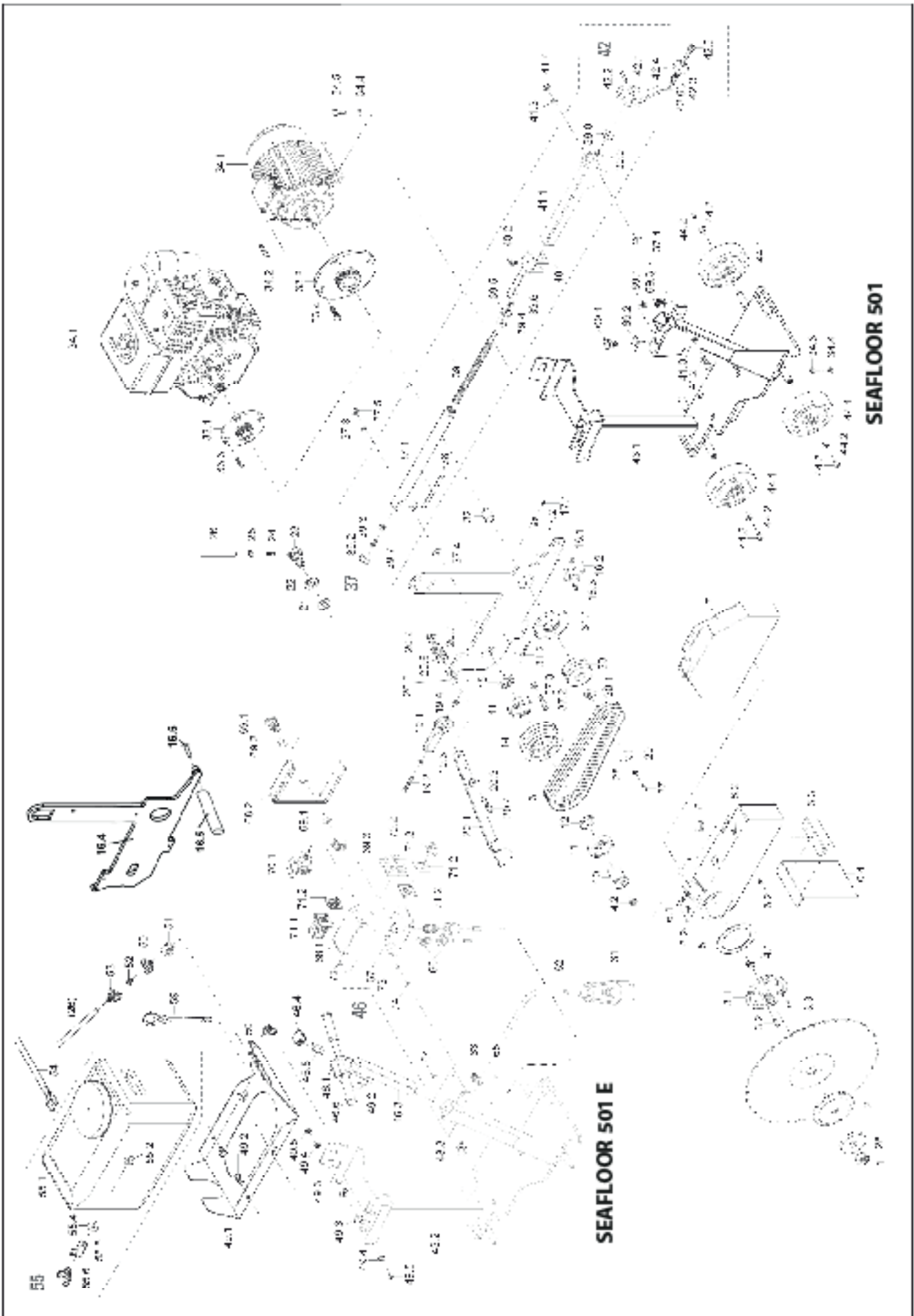


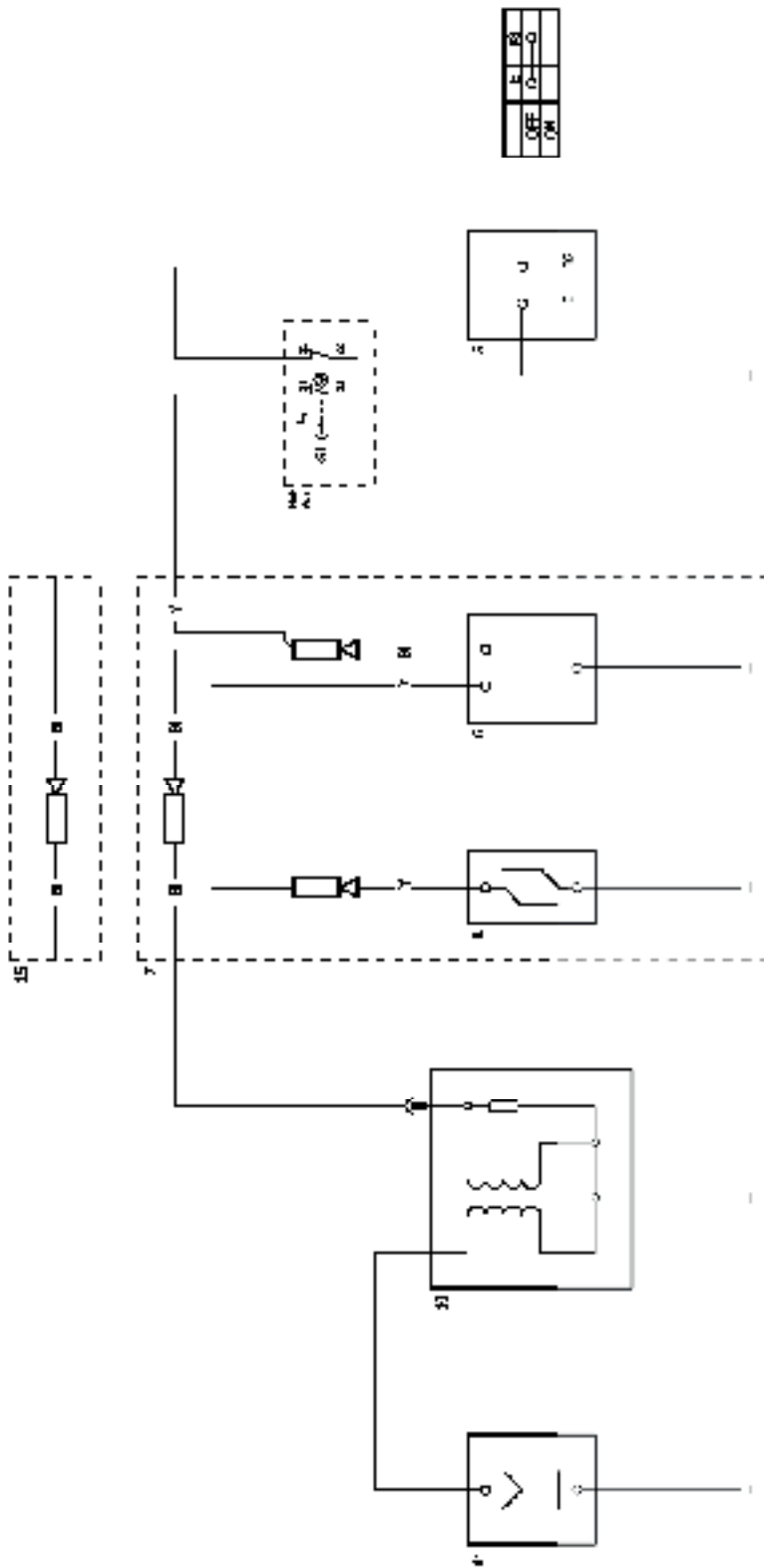
To prevent incorrect deliveries, when ordering spare parts, indicate the complete model designation, year of manufacture and the machine number!

Technical changes may be made! We make it explicitly clear that parts not supplied by us are also not tested and released by us. The installation and use of such products can therefore, in certain conditions, modify your equipment negatively and thus affect safety. For damages caused by the use of non-original parts and accessories, there is no liability!

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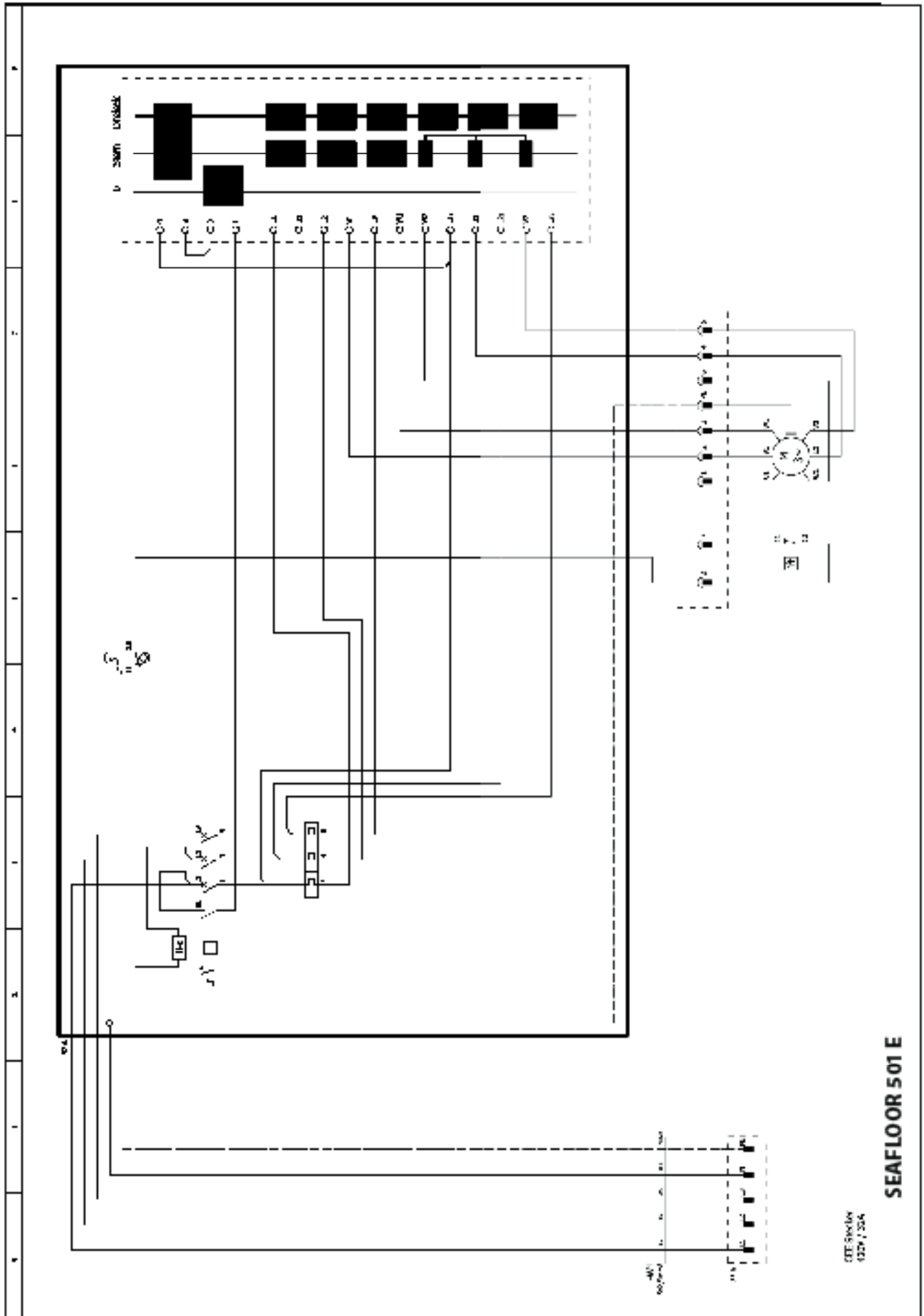
- 1. Zentraleinheit
- 2. Öl-Arbeitsdrucker
- 3. DR 0000A 1000-1000
- 4. Ölwanne
- 5. Ölwanne
- 6. Ölwanne
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SEAFLOOR 501 E

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GTE Sincro
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SEAFLOOR 501 E

Translation of Original EC Declaration of Conformity



This EC Declaration of Conformity in accordance with Annex II A of Directive 2006/42/EC is valid for the following machine:

SEA TECHNOLOGY floor saw SEAFLOOR 501

This declaration only refers to the machine in the condition in which it was sold; parts retrofitted by the end user and / or retrospective intervention is not covered by this declaration. We declare under our sole responsibility that the machine complies with the relevant provisions of Directive 2006/42/EC and 2000/14/EC.

Manufacturer:

Sea Technology S.r.l.

Via Meucci, 1

42028 Poviglio (RE)

The technical documentation retained by Sea Technology S.r.l.

42028 Poviglio (RE)

| | SEAFLOOR 501 |
|-------------------------------|-------------------------|
| Cutting depth | 180 mm |
| Saw blade diameter max. | 500 mm |
| Saw blade holder | 25.4 mm |
| Drive motor | 1-cylinder Honda GX 390 |
| Output power max. | 8.7 kW / 11.7PS |
| Saw blade speed | 2300 rpm |
| Guaranteed noisepower level | 110 dB |
| Measured noise level L_{WA} | 109 dB |
| Dimensions L x W x H | 1140 / 585 / 910 mm |
| Weight | 105 kg |

The technical documentation is also stored at this location.

In charge of documentation: Head of Design Series.

Machine description:

The SEA TECHNOLOGY Floor saw is a floor cutting grinder and is designed exclusively for cutting grooves into concrete or asphalt using water. Cutting uses saw blades, up to a maximum of 15 mm and may only be operated for cutting of floors.

Harmonized standards:

EN 13862:2010-03

EN ISO 12100 Correction 1:2013-08

EN 60204-1; VDE 0113-1:2007-06

Legally binding proxy:

Poviglio RE, 01.07.2024

Mirco Dall'Olio

Legale Rappresentante

