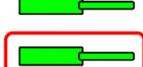


- > 10-ton machine
- 2 battery packs with 16 lithium-ion batteries each
- 1 door on the left side
- 1 window on the right side
- 1 tilt window on the front
- 1 driver seat

 96-Volt lithium-ion battery	 High-voltage circuit breaker (MSD)	 Low-voltage battery	 Oil tank	 Driver's seat adjustment	 High-voltage part
 High-voltage cable	 Contact	 Pneumatic spring			
			<b>Version number</b> 09/2024		<b>Page number</b> 1

# 1. Identification / Recognition

**LIMACH**  
WWW.LIMACH.NL

MODEL:  SERIAL NUMBER:

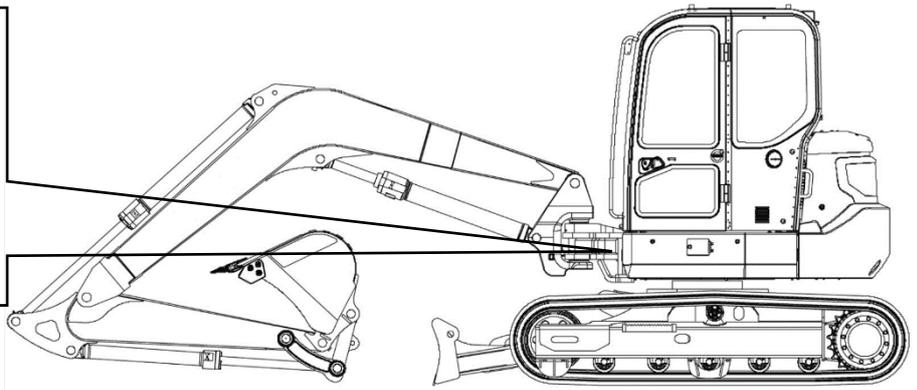
ENGINE POWER:  MACHINE MASS:

MANUFACTURING YEAR:

MADE IN THE NETHERLANDS

**CE** 

**EST**  
EST B.V.  
FARADAYSTRAAT 17  
6718 XT EDE, NETHERLANDS



# 2. Shutdown / Stabilization / Lifting

Put the attachment on the ground and lift the safety lever (armrest).

It is possible to use the control lever in the cabin to put the attachment on the ground. To do so: set the contact switch to the 'ON' position and lower the safety lever (armrest).

Always approach the vehicle from the side to stay out of the potential path of travel. It can be difficult to determine if the vehicle is moving due to a lack of sound.

# 3. Eliminate immediate danger / Safety regulations



1

Turn the contact key to the 'OFF' position (middle) and remove it.



2

Open the lid under the cabin door.



3

Turn the main switch to the 'OFF' position.

4

Open the lid in front of the MSD, on the back of the power pack.



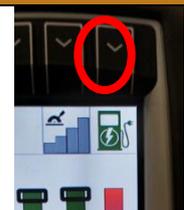
5

Remove the MSD.

If the machine is charging, and thus connected to a charging plug, do the following steps to stop charging:

1

On the display: stop the charging process.



2

Disconnect the plug from the wall socket.

3

Disconnect the plug from the battery pack.



#### 4. Stored energy / fluids / gasses / solids

##### 96V lithium-ion battery pack



84 L

OIL

#### 5. In case of fire



Use a large amount of water to extinguish lithium-ion battery fires. Pay special attention to controlling and collecting runoff water.



Do not use water for hydraulic fluid related fires.

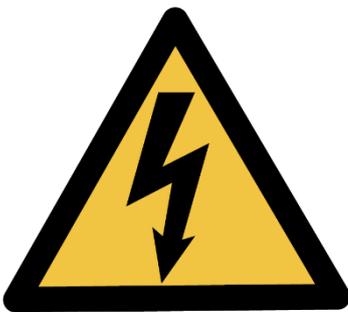


A class **ABC** fire extinguisher may be used if other materials are involved.



In the event of a "thermal runaway" (uncontrolled self-heating), the lithium-ion batteries may release hydrogen fluoride.

#### 6. In case of immersion in water



Damage on an immersed machine may not be visible. Avoid any contact with 96V cables and components.

Immersion in water can damage the 12V components and/or the 96V components.

Eliminate immediate hazards if possible (refer to chapter 3).

Working on a machine that was submerged without appropriate personal protective equipment (PPE) will result in injury or death by electric shock.

## 7. Towing / Transport / Storage



If the high voltage batteries or 12V batteries are damaged, there is a risk of a thermal or chemical reaction.

Park a damaged (such as in an accident) electrical machine at a safe distance from other vehicles, buildings, and flammable objects.

After extinguishing the fire or in case of damage to the lithium-ion batteries, a (new) fire may occur spontaneously.



Observe the damaged electrical machine with a thermal infrared camera for at least 48 hours.

## 8. Important additional information



- Do not cut any orange (high voltage) cables.
- Do not touch cables or electric components.
- Do not work on the machine without any without appropriate personal protective equipment (PPE).