

Shockfiller 4S4L

Installation instructions V1.2



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Installation instructions

Product: Shockfiller 4S4L



Document:

Version: 1.2

Date: 13-08-2025

Titel: Installation instructions

Legend of the icons

In this manual, on the display and on the machine, various icons are used to clearly indicate functions, warnings and settings. Below is an overview of all the symbols used and their meanings.

115 ~	115 volts		Serial number
230 ~	230 volts		Shock absorber running time
	Shock absorber connection		Vacuum pump running time
	Oil supply		Start process
	Oil drain		Standby
	Machine running time		Refilling
	Oilpump running time		Warming up
	Number of cycles		Error

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Remove the machine from the packaging.

Install the machine at a height so that all controls are between 600mm and 1700mm high.



The machine may only be moved in an upright position.



This machine must be used level on a solid surface.



If the emergency stop is out of range, an additional emergency stop must be placed between the mains supply to the machine



The machine has a very fine filter to keep oil vapor in the machine. The exhaust of the machine has an extra sintered silencer at the front as standard.



In case of insufficient ventilation of the room, an exhaust must be mounted on the outlet to bring the fumes out of the room.



Optionally, the sinter silencer can be replaced by a hose barb so that the exhaust can be led with a hose outside the workspace in the open air.



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Connect an oil supply line.

There are 2 options for supplying oil:

Option 1:

Oil supply from a barrel which is sucked into the machine by means of the vacuum pump. Use the quick coupling with the 12x10 hose of 1.5 meters



Connect an oil supply line.

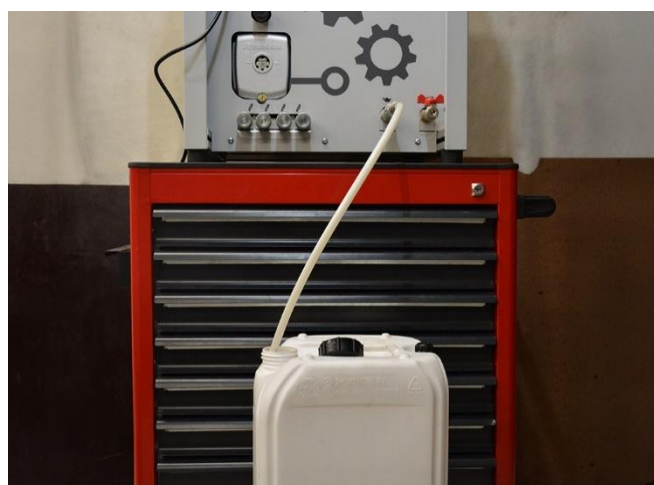
There are 2 options for supplying oil:

Option 2:

Oil supply from a pressure pipe. Use a quick coupling with a 6x4 hose of **at least** 1.5 meters.



*Oil pressure may not exceed 5.0 bar
Hose should not be larger than 6x4 in diameter.*



Install a tube as a suction pipe for the barrel.

Top of barrel flush with bottom of machine or up to 1 meter lower.

Construct the bottom of the hose or tube in such a way that it does not suck itself to the bottom.

Maximum hose length of 10 meters.

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The oil in the internal tank of the machine can be drained during maintenance, transport or when using other oil.

The oil drain valve is normally closed and plugged off.

Only open it when the machine is off.



The machine must be drained before it is moved and may only be moved in an upright position.



At the bottom left is the vacuum pump. This must be filled with the supplied vacuum pump oil.



Use only ISO VG46 vacuum pump oil



Remove the plastic plug. And place the plastic knee with the opening facing up.

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Fill the vacuum pump with vacuum pump oil.



Fill the vacuum pump with the prescribed oil.

The oil level is from 1/2 to 3/4 in the sight glass.

Remove the plastic knee and install the plastic plug.

Double-check the level as the pump runs
And change the level if necessary



Connect the machine with a 230 Volt AC 16A C13 plug.

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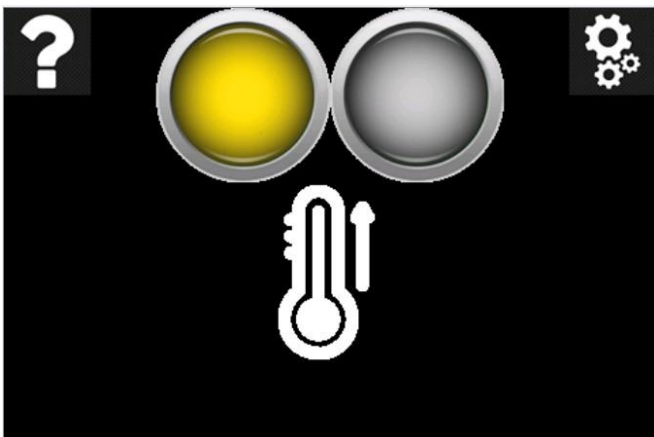
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Make sure that the emergency stop is in its neutral position with a green border visible.



Set the main switch to I



The machine turns on, shows a logo and then heats up for 10 seconds.

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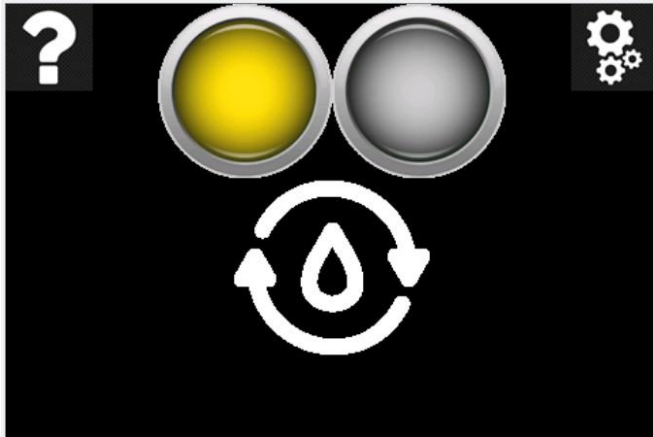
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Document:

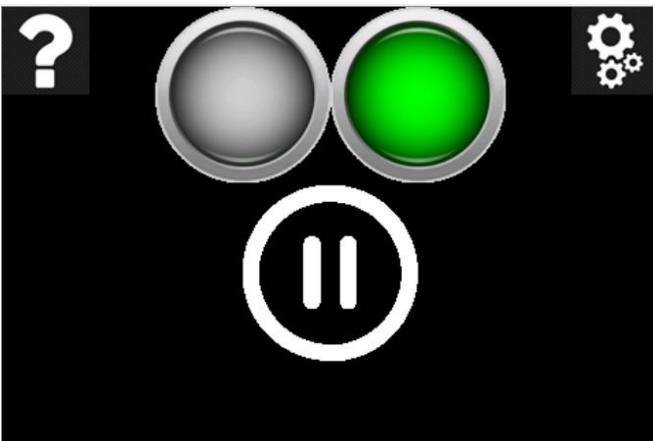
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The machine will then fill its internal tank. This can take up to 3 minutes the first time, depending on the supply used.



The machine is now ready for use.

Read the user manual for filling the shock absorbers.

Document history

Version	Date	Author	Comments
1.0	12-Jan-2025	M/P	First version
1.1	23-Jan-2025	M/P	Warning placed that the machine must be level and secure Height of 600mm and 1700mm added
1.2	13-July-2023	M/P	Legend added Address details changed

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