High-pressure washer

The robot must be connected to an external high-pressure washer in order to wash.

What kind of high-pressure washer fits the EVO Cleaner best?

The robot is delivered with, and shall be used with, a turbo-nozzle, working with a flow of 16 litres/minute at a pressure of 180 to 220 bars. This flow is less then most operators use when they are washing today but the whole idea about using a robot is that time is not so important anymore. Best result with the robot is achieved when it’s allowed to clean the same space several times.

The robot can wash up to 30 hours non-stop.*

Soaking and washing is normally done with the robot.

Water-consumption is less than 1 m3/hour. **Depending on how demanding and efficient the programs are.*

What kind of high-pressure washer?

A high-pressure washer with too big pump will by-pass the extra water or in worst case constantly start and stop. The incoming water is never completely clean and this by-pass causes a big wear on pump and valves. Too small pump and you will not get the pressure required. Required specifications for the high-pressure washer:

Water pressure: 180 – 220 bar

Flow about 16-18 litres/min (1000 L/hour), higher flow is only a cost

High quality, it’s going to work long hours

Automatic start/stop function

Controlled with pressure switch. (there are also pumps controlled by a flow-switch. That, however, sometimes gives problems starting the pump since it’s depending on the water pressure on the farm which mostly goes up and down)

Examples to buy:

- KÄRCHER HD 10/25-4 S
- KRÄNZLE QUADRO 1000 TS
- RENO 195/18 with pressure switch
- RENO 220/18 with pressure switch

Remember to use a **water filter** with the incoming water to the high-pressure washer (filter placed before the high-pressure washer). Water isn't always clean and the particles make wear on the high-pressure washer and the nozzle.

We recommend that you buy your high-pressure washer from the local dealer who can give you the best service.

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