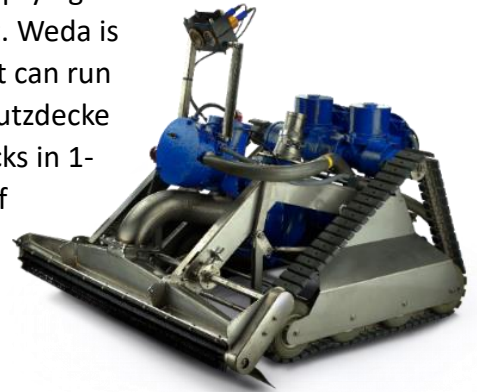




Skimming of slow sand filters without emptying has long been a request from the water market. Weda is now launching a remote-controlled robot that can run on the sand bed and remove the so-called schmutzdecke and pump it to the desired landfill. The machine sucks in 1-3 cm of schmutzdecke and the sand that is pumped out of the slow filter. The method also works on facilities with infiltration ponds. The estimated cleaning capacity is 60-150 square meters per hour.



The advantages with our method of cleaning:

- Environmentally friendly - no emissions during cleaning
- The filter does not need to be emptied of water - the time the filter needs to be taken out of operation is radically reduced
- Reduced risk of affecting the microflora because the filter is not laid dry
- All oils are food approved
- With a robot in place, the skimming can be done directly if necessary and possibly more often than today to ensure the supply of drinking water



EQUIPMENT

Remote control

Floating cable 50 meter

Installed camera when needed

Specially designed nozzle for absorption of schmutzdecke and desired amount of sand

TECHNICAL DATA

Mains voltage 400V 50Hz 3-phase

Suction width 120 cm

Pump 2,8 to 7,5 kW

Speed 0,5 to 10 m/min

Weda AB is a Swedish environmental technology company that specializes in cleaning surfaces under water. We have extensive experience with products and services for companies within the water sector.



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