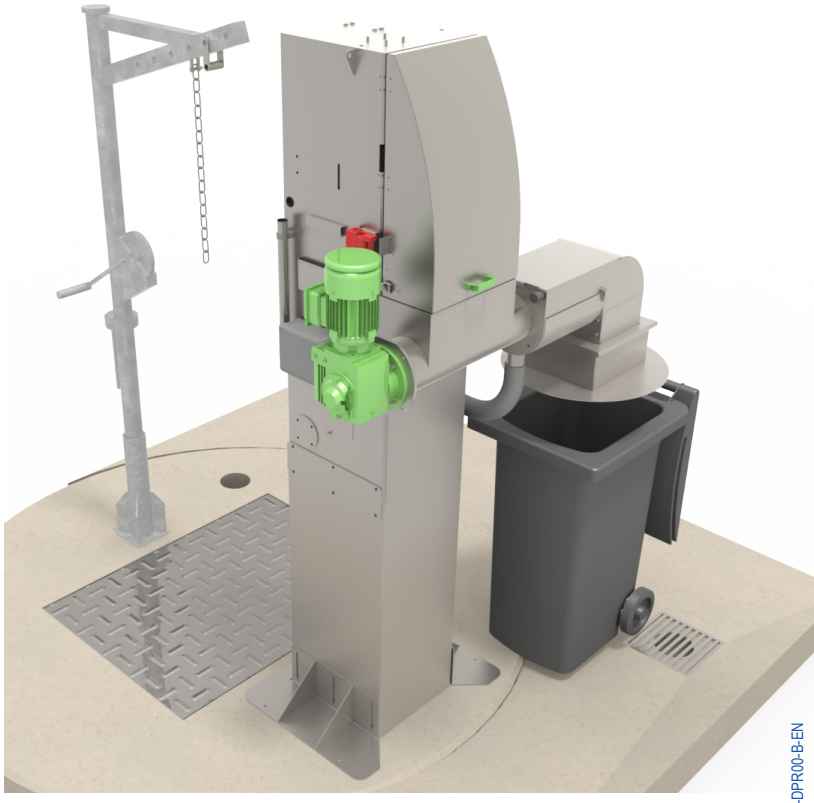
EMO
ENVIRONMENT BY TECHNOLOGY

AQUAMEO DVC

Vertical bar screen with compactor

The vertical bar screen AQUAMEO DVC is fully automatic and equipped with one screw compactor or waste screenings discharge. This kind of screen is mainly used to remove suspended solids from waste water in municipal treatment plants or in pumping and filtering stations.



ADVANTAGES

- Installation either in a channel or in a raw sewage pumping station
- Upstream or downstream ejection
- Compact solution, 3 in 1 equipment!
- Screening mesh from 6 to 50 mm
- Allowable flow up to 400 m³/h
- No mechanical parts in the water
- No maintenance operation in the channel







AQUPRD00310-DPR00-B-EN

Information: the technical data announced are not contractual and may change at any time.

OPERATING PRINCIPLE

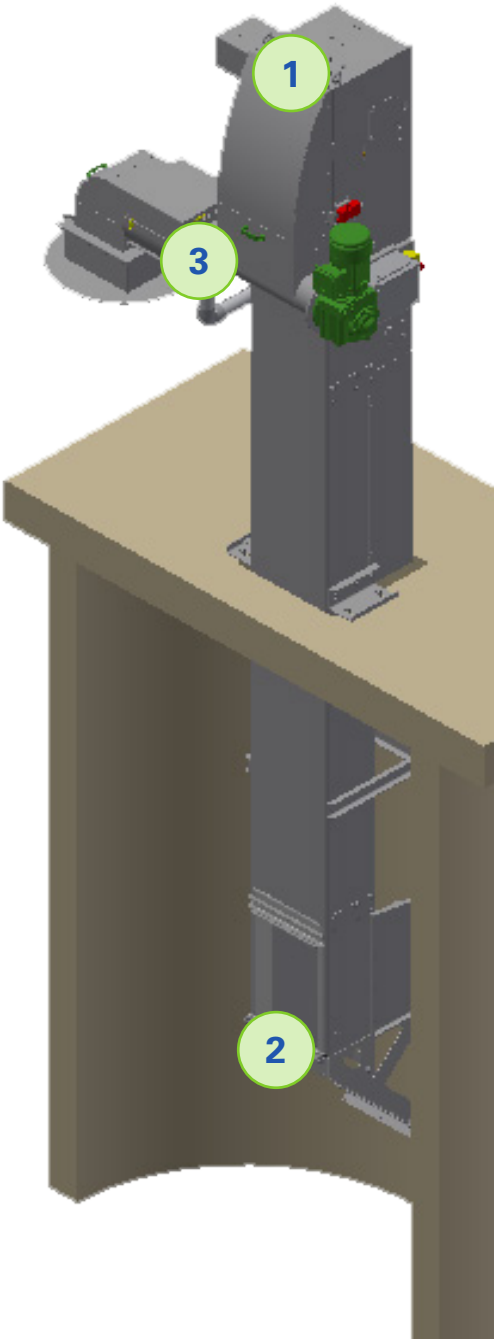
In the home position, the rake is located at the top position of the screen and the screw compactor is stopped.

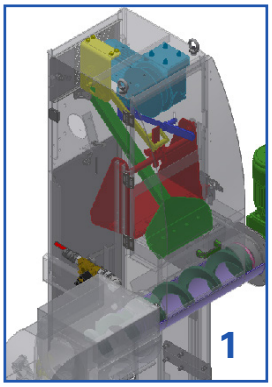
The operators have 3 possibilities to launch a start-up cycle: an external run command, a level switch or a timer (with a predefined rate and duration).

When a cycle starts, the opened rake starts to move downwards; the rake closes when it reaches the bottom position to catch waste trapped against the bars.

The rake, loaded with waste trapped against the screen, will then begin moving upwards. The screw compactor will start running simultaneously.

The waste is ejected when the rake reaches the top position to be discharged into the screw compactor. The screen then stops. The screw compactor will still be in operation till waste compacting is completed.

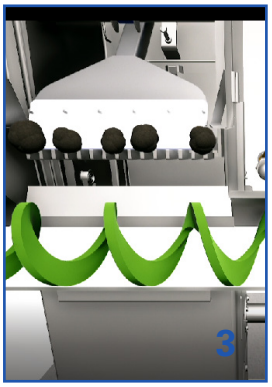




100% automatic



Rake closed at the bottom position



Integrated screw compactor

SELECTION TABLE

Description	Dimensions (mm)
Frame width	from 300 to 400 mm
Flowrate	up to 400 m³/h
Channel depth	form 0,5 to 12 m
Screening mesh	6 to 50 mm

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