



ENGINEERED TO WORK



Problem → Lack of space in pump rooms for a sewage treatment plant expansion

Solution → **VOGELSANG rotary lobe pump VX186-210Q**

As part of a sewage treatment plant expansion, the pump capacity also had to be increased. The resulting sludge was to be pumped from the reservoir through a heat exchanger to the digestion tank. However, there was no space to install new pumps in the existing rooms.

It was quickly decided to install a 20 foot standard container in which the new pumps could be housed. With dimensions of 2.40 x 5.80 m, only rotary lobe pumps could be used thanks to their compact design.

The HiFlo™ technology was the reason for choosing VOGELSANG pumps. With their -pulsation-free rotary lobes, VOGELSANG rotary lobe pumps operate virtually without vibrations. This allowed the pumps to be screwed directly to the wooden floor of the container without foundations and compensators.

Controlled by frequency converters, pump flows of 20-80 m³/h per pump can be realised at a pressure of 4 bar. Made in QuickService design, service and maintenance is no problem, even in tight spaces.

A container as a cost-effective pump room: No problem with VOGELSANG technology.

Advantages of the VOGELSANG rotary lobe pump

- Compact design
- Pulsation-free and thus low in vibrations via HiFlo™ technology
- Easy to service and maintain

