



JUNG PUMPEN

OXYLIFT & OXYPERL

JUNG PUMPEN OXYPERL

SUBMERSIBLE AERATORS WITH POWER



OXYGEN ACCELERATES THE TREATMENT PROCESS

Even the smallest organisms must be fed. In the fully biological small sewage treatment plant it is the micro organisms which break down the pollutants in the sewage. In order to do this they require an adequate supply of oxygen. The submersible aerators of the **oxyperl** range are especially powerful units for mixing and aeration of sewage in the activated sludge process.

In modern small sewage treatment plants the SBR (sequencing batch reactor) with submerged aerators are state of the art.

The flow inducing components of the oxyperl submersible aerators have been specially designed for this process. The sensitive activated sludge is handled in a gentle manner with a low energy input and receive an optimum supply of oxygen by means of ultra fine air bubbles.

NO NEED TO PATCH CABLES ANYMORE

Thanks to the quick release cable inlet, which is also encapsulated in resin to prevent wicking of moisture to the motor internals, maintenance and repair tasks are "child's play". Difficult and time consuming repairing of the cable is no longer an issue. Now we use a modern plug in system for power cables which has proven it self with over 15 years of successful usage in pressurised dewatering systems.



The **oxyperl** is available in two power classes which have almost the same housing dimensions. Both units are equipped with simple plug-in connectors which allow them to be easily fitted into small sewage treatment plants made by other manufacturers.

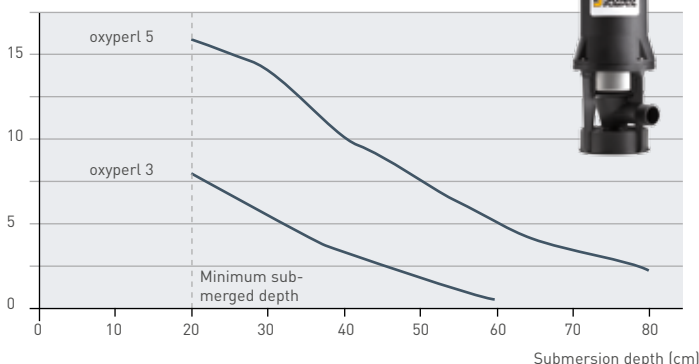
OXYPERL 3

- ▶ Power input 270 watt
- ▶ Max air flow 8 m³/h
- ▶ Discharge connection 1" female threads

OXYPERL 5

- ▶ Power input 560 watt
- ▶ Max air flow 16 m³/h
- ▶ Discharge connection 1 1/4" female threads

Air suction volume (m³/h)



JUNG PUMPEN OXYLIFT

READY TO CONNECT



ATTRACTIV AND POWERFUL!

Up to now most small sewage treatment plants are operated with drainage or sump pumps.

JUNG PUMPEN has now for the first time reacted to the practical requirements of this process and developed a pump especially suited for use in small sewage treatment plants.

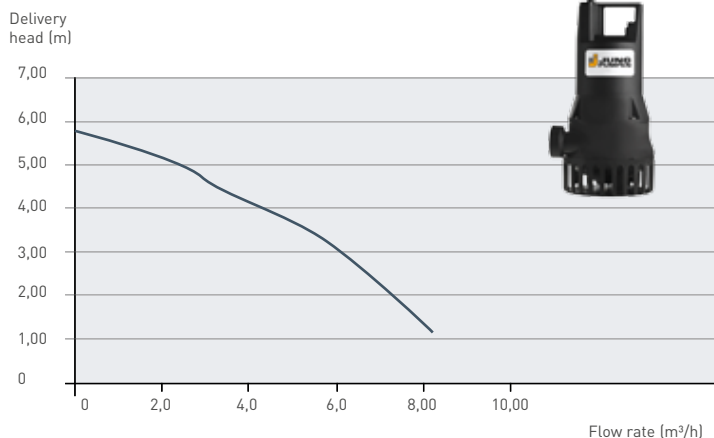
By means of this new development JUNG PUMPEN has also reacted to the demand to retrofit the systems of

other manufacturers with better quality pumping products with minimal efforts.

oxylift is the first waste water pump in which the cable connector can be easily released with a few hand turns. This is real quality of service – a clean and reliable electrical cable connection without the need to carry out time consuming cable repairs.

A further advantage of these pumps is the EIP* of 15 mm. Other competitors cannot provide this large passage and are thus more liable to blockage.

* Enlarged Inner Passage



OXYLIFT 2

- ▶ Power input 300 Watt
- ▶ Free passage 15 mm
- ▶ High starting torque
- ▶ Available with or without float switch
- ▶ Discharge connection 1 1/4" female thread

