

# Landy screw pumps



For almost a century Landustrie is a leading company in designing, manufacturing, supplying, mounting and maintaining many types of Archimedean screw pump configurations.

With a fully automated screw pump selection program the optimum screw pump can be chosen for any particular application.

## **Applications:**

- waste water treatment plants
- influent pumping stations
- waste water treatment plants
- intermediate pumping stations
- return sludge pumping stations
- irrigation projects
- drainage projects
- reclamation of wetlands
- circulation within aeration systems

- wild water tracks in fun parks
- industrial applications
- storm water applications
- power generator

Landy screw pumps can be supplied in steel as well as stainless steel and mounted in concrete or steel trough.

The screw pumps can be delivered as completely prefabricated units as well.

### **Features of Landy screw pump:**

- open, clog-free, simple and robust construction
- high efficiency
- low maintenance
- low operational costs
- highly reliable
- long lifetime
- virtually no wear (no spare units required)
- automatic adjustment of the pump capacity as a function of the incoming flow
- operating in a wide range, with a capacity from 10 to 11.500 l/s and lift from 0 to 25 m
- changes in the capacity are easy and, if necessary, stepless
- insensitive to supply conditions and also (because of the low rpm) no problems with cavitation