

Hubert screw pump

The (Archimedean) screw pump is one of the oldest devices for vertical displacement of liquids. Since the beginning of the last century Hubert is the main supplier, world-wide, for the screw pumps.

The screw pumps are used particularly in waste water treatment plants for pumping industrial or municipal waste water. In the early years screw pumps were also used for drainage purposes in combination with wind mills, steam engines or diesel engines.

For pumping biological activated return sludge the screw pump is the best suitable solution, because the delicate activated biology will not be damaged by this pump.

The screw pump can handle coarse waste water, which is a very important advantage. Gravel, rags, small branches and other debris can easily be displaced by the screw pump.

The capacity can vary between 50 m³/hr and 38.000 m³/hr and is determined by several variables, such as outer diameter, pitch, windings, speed and angle of inclination. The Hubert selection procedure guarantees the most economical design.

Advantages

The advantages of the Hubert screw pump are:

- Can handle coarse waste water with debris
- Ideal for pumping activated sludge
- Low maintenance
- Resistant to pollution
- Extremely reliable
- Simple and efficient
- Capacity range
- Low speed

Hubert ECO-friendly lower bearing

The Hubert screw pump is also available in an environment friendly execution. The pump is then executed with a so called ECO-friendly lower bearing.

