

Waste Water Treatment

Archimedeian Water Screw Pumps PA



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Description ▼

The PA Archimedeian Screw Pump is a special type of volumetric pump, able to satisfy users requirements as regards favourable investment and running costs, flexibility and reliability.

Function ▼

Originally designed as machines for maintaining the water level in reclaimed land, screw pumps are today used for lifting up waters in the Waste Water Treatment Plants, in the management of industrial waters and generally whenever water (even containing suspended solids) has to be lifted.



Application ▼

- Waste Water treatment
- Irrigation
- Drainage
- Rain water management
- Process water management

Benefits ▼

- ✓ Possibility of use in contaminated waters even containing solids;
- ✓ Resistant machine due to lack of wear by cavitation and low speed;
- ✓ Constant efficiency over time;
- ✓ Efficiency almost constant with change of flow rate;
- ✓ Minimum maintenance;
- ✓ Wide range of flow rates.

- ▶ Lifting water head up to 8m
- ▶ Drive power installed up to 500kW

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