



Gear motor

- SEW Eurodrive
- Other brands available upon request

Rotor

- Carbon steel / Stainless Steel AISI304/316

Tube Hopper

- Carbon steel / Stainless Steel AISI304/316

Delivery Time

- Typically 10-12 weeks
- Larger solutions will result in longer delivery times

Applications

- Aquaculture
- Treatment plants
- Agriculture

VÅGEN ARCHIMEDES SCREW

The Archimedes screw is used to transport water or other liquids to a higher level. The advantage of using screws instead of pumps for this is that the liquid medium can contain a significant amount of solids without hindering the water flow in the screw.

Archimedes screw pumps also have low costs in terms of power consumption and maintenance compared to other pumping systems, thanks to their mechanical simplicity. Wear is significantly reduced compared to other pump systems. Power consumption is also lower than with suction pumps.

Contact us for more information and technical clarifications.

Diameter[mm]	Capacity [l/s]	Lifting Height [m]	Power Consumption [kW]
Ø 400	27	3,4	2
Ø 600	69	4,4	4
Ø800	138	4,4	9
Ø1000	239	5,4	15

*Reference values based on a 30-degree lift angle

GENERAL INFORMATION

- Standard components
- Energy-efficient drive units from reputable suppliers with high quality
- System adaptations
- High performance with low energy consumption
- Low maintenance requirements
- PLC-controlled system
- Standard flanges for connections
- ATEX-certification available upon request
- Manufactures in stainless steel and food-grade approved materials (AISI304/ AISI316) or other materials as required
- CE marked and in accordance with the Machinery Directive
- Stocked spare parts
- We also supply sand separators built in containers