



PUMPS

PREMIUM QUALITY ECONOMICALLY APPLIED

ANDRITZ VERTICAL TURBINE PUMPS

ANDRITZ VERTICAL TURBINE PUMPS from the VTP series are available in different standardized designs and materials, optimized for service conditions and tailored to customer needs upon request.

For instance, the VTP is available in a total of 38 sizes in a range from DN300 to DN800. This pump is offered in multiple stages (1 to 3), and the choice of material for the wear ring ranges from polymers to

stainless steel. If cooling is needed for the axial thrust casing, the customer can choose between water cooling and air cooling.

ANDRITZ

ENGINEERED SUCCESS

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Vertical turbine pumps



One of the biggest strengths of the ANDRITZ vertical turbine pumps is their modular design and the efficiency it provides. The pump is constructed in separate standard modules that can be replaced easily if necessary. Additionally, the VTP fea-

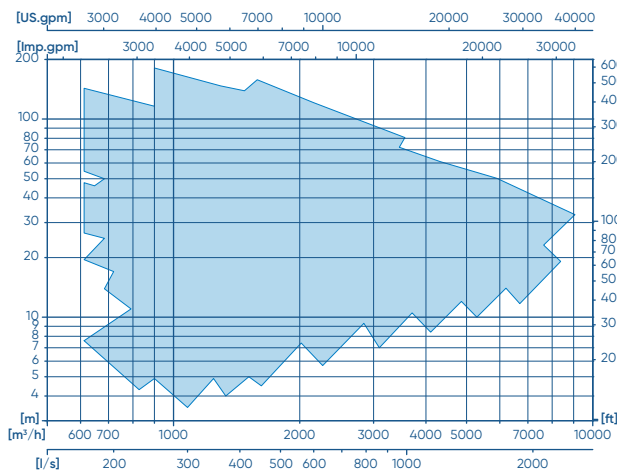
tures long service life and low maintenance requirements. Another key advantage of this pump series is its flexible discharge options. Depending on the application and the plant layout, the discharge flange can be above or below floor level.

APPLICATIONS:

- Cooling water pumps for power stations in power supply
- Seawater intake pumps in desalination
- Water transport for irrigation and drainage
- Water transport for municipal and industrial water supply
- Flue gas desulphurization pumps in power supply

PRODUCT FACTS:

- Efficiency up to 91%
- Stages: 1 to 3
- Sealing: Stuffing box, cartridge and optional split sealing
- Heads up to 170 m
- Flow rates up to 8.640 m³/h
- Power: 35 kW to 975 kW



	Grey cast iron	Stainless steel	Duplex stainless steel	Super duplex stainless steel
Guide vane housing	5.3106	1.4474	1.4474	1.4469
Impeller	1.4317 / 1.4408	1.4474	1.4474	1.4469
Pump shaft	1.4021	1.4462	1.4462	1.4410
Column pipe, discharge elbow	1.0038	1.4404	1.4462	1.4410
Motor support	1.0038	1.0038	1.0038	1.0038

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