

# **ANDRITZ service for large pumps**

Maintenance, optimization, and modernization



# ANDRITZ pump service

## Improves the efficiency of your pumps . . .

Service and maintenance have a long tradition at ANDRITZ and constitute an important aspect of our company philosophy. The goal is to offer first-class service in order to ensure efficient and economical pump operation for our customers. We can achieve this by using our decades of experience in building pumps and our profound know-how in design and technical calculations, as well as our high manufacturing standards.

### Our service offer:

- Supply of original spare parts
- Deployment of skilled personnel
- Inspections and machine assessments
- Repair, rehabilitation
- Optimizations, modernizations
- Capacity and vibration metering
- Fault and damage analyses
- Feasibility studies



### Applications:

- Cooling water pumps for thermal power plants
- Pumps for irrigation and drainage
- Pumps for sea water desalination

The concepts that we develop jointly with you increase reliability and availability of your pumps, while also reducing maintenance and upkeep cost.

# ... and makes your operations more competitive



## Teaming up for the best solution

We assess your machinery jointly with you, creating transparency and ultimately, the optimum solution for your needs.

We employ high-quality original spares when repairing your pumps. Installation work is carried out according to a milestone plan and with the help of our skilled service personnel.



Cooling water pump after general overhaul



In the grinding shop, we achieve the best surface quality and optimum hydraulic shape on the basis of our considerable experience and extensive expertise.

## Your benefits

- Highly qualified and experienced personnel
- Extensive competence in design and technical calculations
- Latest pump technologies and continuous advancements
- Short standstill times due to well planned and coordinated service operation sequences
- Reduced maintenance costs



# Service, optimization, and modernization



## Impressive manufacturing

Our manufacturing shops are characterized by a fully integrated, high-quality process. Highly experienced and motivated specialists form the backbone of our competence. All components are fabricated and machined using the latest methods and technologies.

## Preventive maintenance

Permanent monitoring of the pumps and regular maintenance guarantee efficient and trouble-free operation of your complete plant.

This is where we come in - with our comprehensive service package:

- Skilled personnel
- Optimum sensor technology to monitor your pump
- Machine assessments to define malfunctions at an early stage
- Recognized wear protection know-how
- Preparation of maintenance schedules
- Service and maintenance contracts

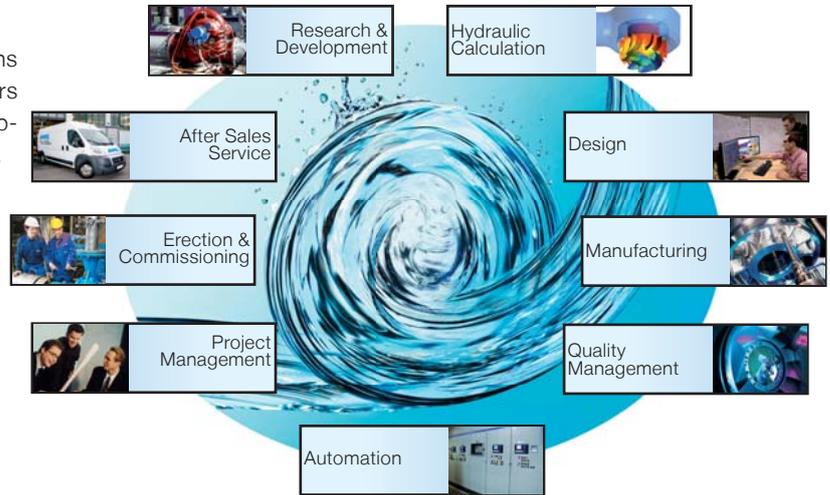


The ANDRITZ service team at work for you

# Competence to convince you

## Custom-tailored solutions

ANDRITZ is a byword for customized pump solutions at the highest level. In the interests of our customers we set no limits on size and flow rate in the development and manufacture of customer-specific pumps.



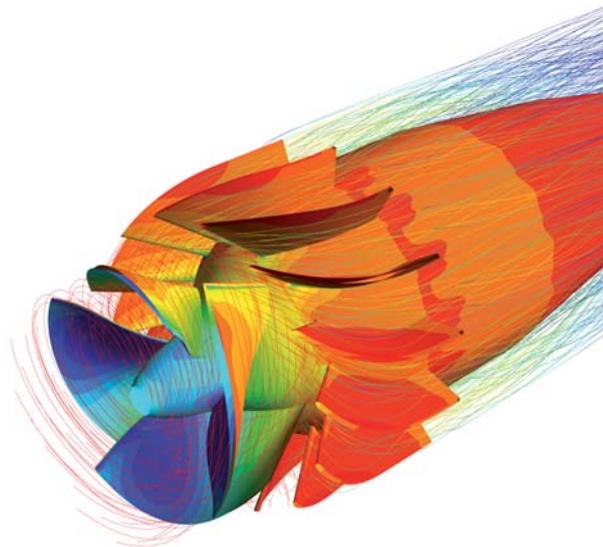
Experienced experts assist our customers with planning, development, installation, start-up and after-sales service. Engineering, design, material selection and manufacturing all run according to defined standards. The processes are transparent and can be adapted to individual needs if required.

## R&D in fluid dynamics

Pumps with highest efficiencies and excellent cavitation properties are developed in our own laboratory for fluid dynamics, ASTRÖ, to meet the requirements of our customers.

## Prompt solutions

Our highly qualified and experienced engineers rapidly complete new developments with the latest CFD tools, including model and inspection tests. Special peripheral conditions, such as the inlet and discharge arrangement of the pumps, can be investigated and optimized.



## Close to our customers

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