ANDRITZ

Pump solutions for the offshore industry

www.andritz.com/pumps

ANDRITZ for offshore applications

Tailor-made pumping solutions

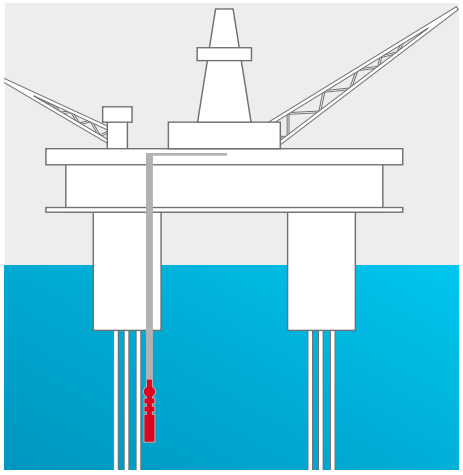
Are you looking for safe and effective solutions in water management on rigs and ships?

For many years we are active in offshore industry, mainly for application in sea water lift. ANDRITZ pumps and motors can be found on rigs and ships. For subsea application we offer customized solutions for submersible motors.

Application area on rigs and ships

- Bilge and ballast pumps
- Boiler feed pumps
- Booster pumps
- Drill water pumps
- Emergency fire pumps
- Fire fighting pumps
- Foam/deluge pumps
- General service/fire pumps
- Hot water circulating pumps
- Leg jetting pumps
- Sea water lift pumps
- Submersible raw water pumps
- Submersible preload pumps

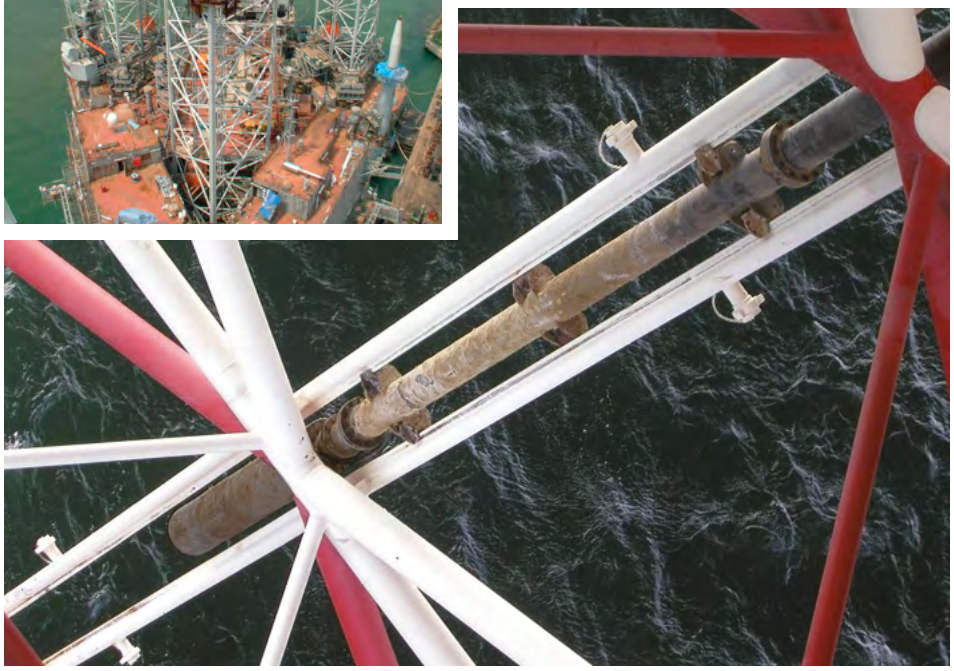
Submersible motor pumps for sea water lift



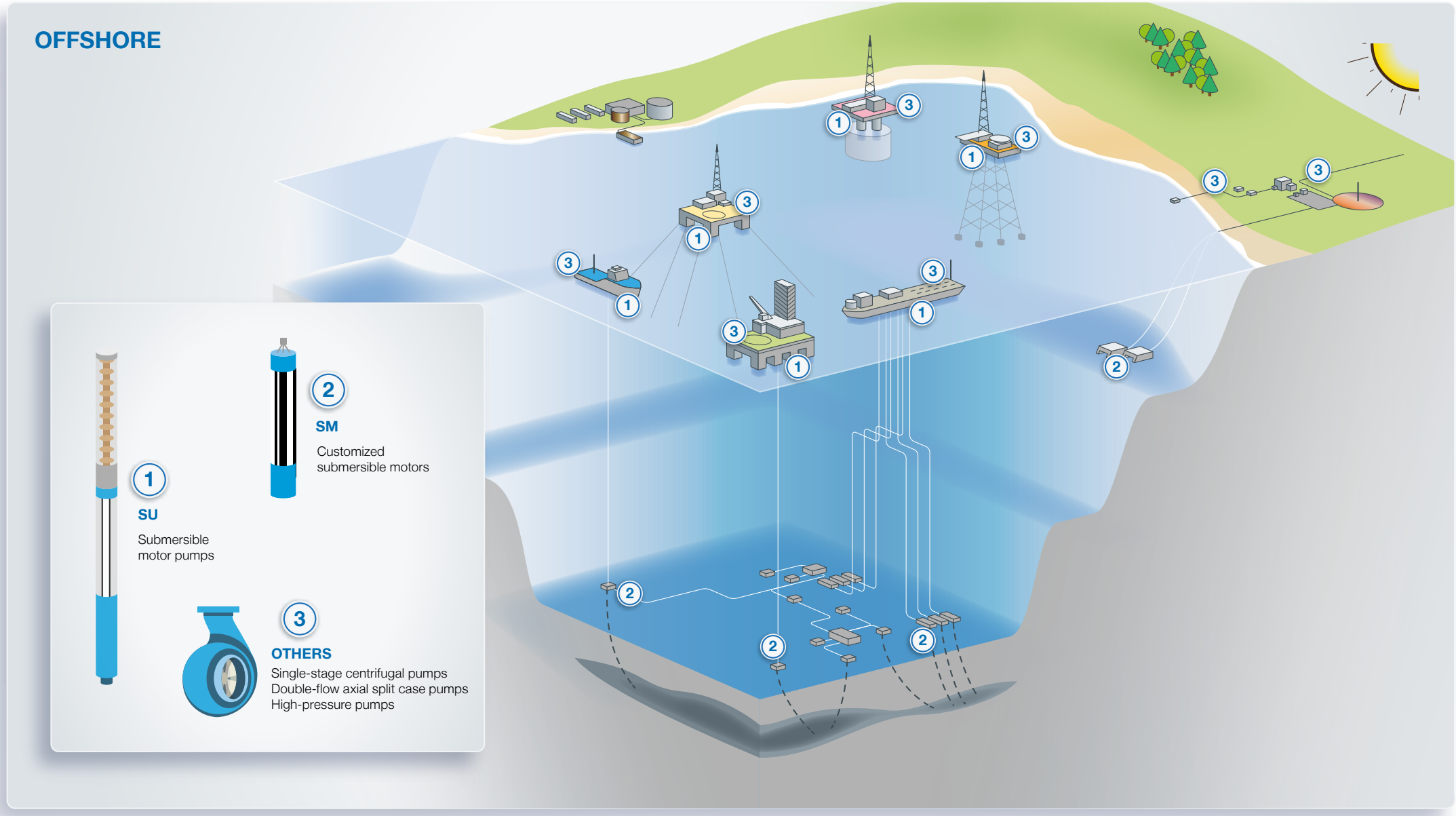
Minimal operating costs
Completely maintenance-free pumps offering excellent efficiency
Unlimited application range
Simple and flexible pump installation
Low investment costs
No pump room is required to install the pumps

Advantages at a glance

- Solutions for the most extreme operating conditions
- Long service life
- High operational reliability
- High-quality material designs
- Maintenance-free solutions
- High efficiency
- Low investment costs



OFFSHORE



1

SU

Submersible
motor pumps

2

SM

Customized
submersible motors

3

OTHERS

Single-stage centrifugal pumps
Double-flow axial split case pumps
High-pressure pumps

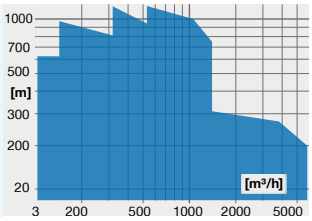
Pump types

for operation in the offshore industry

Single-flow submersible motor pumps

- Flow rate up to 6,000 m³/h
- Head up to 1,500 m
- Pressure up to 150 bar
- Temperature up to 75° C

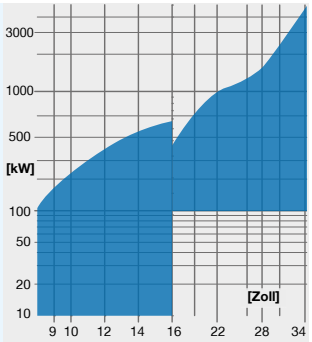
Multi-stage submersible motor pumps. Absolutely reliable, maintenance-free and extremely long-lasting. MST- and HDM-Technology for even more efficient solutions.

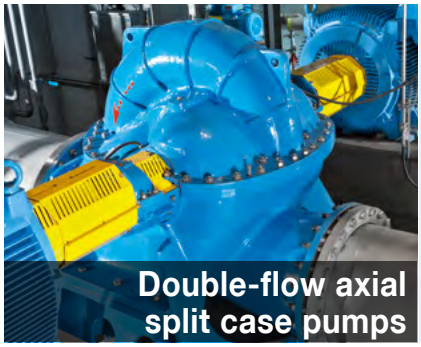


Submersible motors

- Power up to 5,000 kW
- Voltage up to 14,000 V
- Speed up to 3600 rpm
- Temperature up to 75° C

Water-filled and water-cooled submersible motor. For consistently strong performance at high temperatures, special voltages and in extreme conditions. MCT- and IPM-Technology for perfect cooling and highest efficiencies.

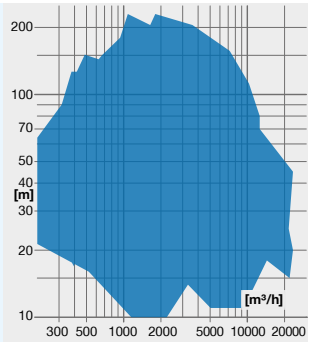


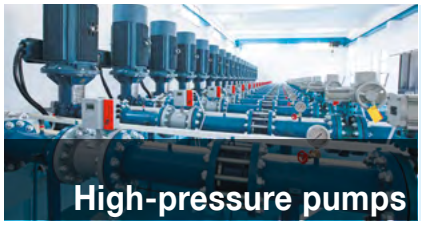


Double-flow axial split case pumps

- Flow rate up to 20,000 m³/h
- Head up to 220 m
- Pressure up to 25 bar
- Efficiency over 90%
- Temperature up to 110° C

Single-stage, axial split case pumps for transport of pure, slightly contaminated, and aggressive liquids. Efficiencies over 90%, optimum suction behavior and very good NPSH values.

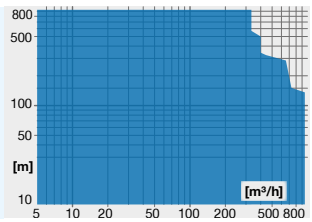


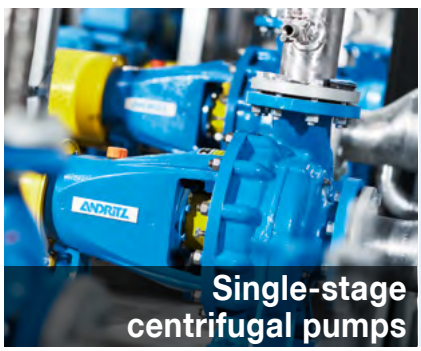


High-pressure pumps

- Flow rate up to 1,400 m³/h
- Head up to 1,000 m
- Pressure up to 100 bar

Multi-stage high-pressure pumps in horizontal and vertical design. Manufactured in material variants of cast iron, bronze, aluminium-bronze or stainless steel.

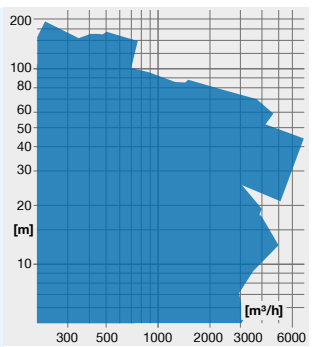




Single-stage centrifugal pumps

- Highly wear-resistant design
- Flow rate up to 6,000 m³/h
- Head up to 160 m
- Pressure up to 25 bar
- Efficiency up to 90%

Single-stage centrifugal pumps with closed, semi-open, or open impeller also available in highly wear-resistant design. Various material combinations available for most varied applications guarantee for long life cycles and outstanding efficiencies.



Close to our customers

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