



WATER PUMPS

ROTAMAC

RELIABLE OPERATION AND PERFORMANCE

Our products not only stand out in variety but also in quality. They comply with standards worldwide. It is not by chance that we have become one of the leading water pump suppliers.

ROTAMAC offers you different water pumps with different functions. Generally speaking, they are divided into three groups: small to medium capacity pumps, large capacity pumps and high pressure pumps.

Small to Medium Capacity Pumps

Designed to cover a broad range of pumping general capacities and general applications, our small to medium pump range offers a diversity of model options, power ratings, flow rates, and discharge sizes. The pumps can be delivered either end suction long coupled, close coupled, vertical types, self-priming, or submersible. You decide how you want it supplied.

Large Capacity Pumps

Large-capacity water pumps are used in industrial applications, waterworks, and flood controls. Pumps are characterized by high efficiency, low maintenance, and decades of high operating reliability.

High Pressure Pumps

ROTAMAC's high-pressure pumps are available in different types, sizes and material variants. As the temperature and pressure ranges are further extended, the range of applications covered by ROTAMAC high-pressure pumps keeps growing.



Small to Medium Capacity Pumps



End Suction Pumps [conforming to EN733]

Single stage, long-coupled,
back pull-out designed

CHARACTERISTICS

- Q_{max} : 1,500 m³/h
- H_{max} : 150 m
- Mat.: Cast Iron, Stainless Steel



End Suction Pumps [conforming to ISO2858]

The designation, nominal duty
point, and dimensions to
ISO 2858

CHARACTERISTICS

- Q_{max} : 1,200 m³/h
- H_{max} : 160 m
- Mat.: Cast Iron, Ductile Iron



End Suction Pumps [conforming to ASME B73.1]

Reliability for tough applications
in ANSI markets

CHARACTERISTICS

- Q_{max} : 500 m³/h
- H_{max} : 150 m
- Mat.: Carbon Steel, Stainless Steel



Close Coupled Pumps

Close-coupled volute casing
pump, with ratings to EN 733

CHARACTERISTICS

- Q_{max} : 500 m³/h
- H_{max} : 150 m
- Mat.: Cast Iron, Stainless Steel



Self-Priming Pumps

Horizontal self-priming,
semi-open impeller, adjusted via
wear plate, with mechanical seal

CHARACTERISTICS

- Q_{max} : 1,250 m³/h
- H_{max} : 62 m
- Mat.: Cast Iron, Stainless Steel



Submersible Pumps

Fully floodable submersible in
close-coupled design,
non-explosion-proof

CHARACTERISTICS

- Q_{max} : 1,000 m³/h
- H_{max} : 50 m
- Mat.: Cast Iron



Axiially Split Casing Double Suction Pumps

Single stage, impeller between bearings (BB1)

CHARACTERISTICS

- Qmax: 23,000 m³/h
- Hmax: 230 m
- Mat.: Cast Iron, Stainless Steel



Large Capacity End Suction Pumps

Heavy duty pump with high flow, discharge nozzle up to DN450

CHARACTERISTICS

- Qmax: 3,000 m³/h
- Hmax: 180 m
- Mat.: Cast Iron, Stainless Steel



Horizontal / Vertical Mixed Flow Pumps

Single stage, mixed-flow impeller designed

CHARACTERISTICS

- Qmax: 2,000 m³/h
- Hmax: 30 m
- Mat.: Cast Iron, Stainless Steel



Vertical Turbine Pumps

Designed to operate in wells or sumps at a depth submergence

CHARACTERISTICS

- Qmax: 9,000 m³/h
- Hmax: 330 m
- Mat.: Carbon Steel, Stainless Steel



Vertical Axial Flow

Suited for applications that require large quantities of flow with low head

CHARACTERISTICS

- Qmax: 50,000 m³/h
- Hmax: 50 m
- Mat.: Carbon Steel, Stainless Steel



Large Capacity Submersible Pumps

Suitable for dewatering large volume of water, flood control

CHARACTERISTICS

- Qmax: 40,000 m³/h
- Hmax: 18 m
- Mat.: Cast Iron



Vertical Multi-Stage Pumps
[sheet metal]

Ring-section design with in-line designed

CHARACTERISTICS

- Q_{max}: 240 m³/h
- H_{max}: 300 m
- Mat.: Cast Iron, Stainless Steel



Horizontal Multi-Stage Pumps
[sheet metal]

Quiet and compact horizontal multi-stage pumps

CHARACTERISTICS

- Q_{max}: 28 m³/h
- H_{max}: 60 m
- Mat.: Cast Iron, Stainless Steel



Booster Pumps

Pumps are automatically operated according to system demand

CHARACTERISTICS

- Q_{max}: 550 m³/h
- H_{max}: 300 m
- Mat.: Cast Iron, Stainless Steel



Low Flow High Head Pumps

Stable head-capacity curves achieved with unique low-flow application

CHARACTERISTICS

- Q_{max}: 30 m³/h
- H_{max}: 400 m
- Mat.: Carbon Steel, Stainless Steel



Radially Split, Multistage, Between-Bearings Pumps

Horizontal installation in long-coupled

CHARACTERISTICS

- Q_{max}: 150 m³/h
- H_{max}: 980 m
- Mat.: Carbon Steel, Stainless Steel



Double-Casing, Radially Split, Multistage Pumps

High operating reliability by axial thrust balancing for use in the power station

CHARACTERISTICS

- Q_{max}: 1,200 m³/h
- H_{max}: 3,200 m
- Mat.: Carbon Steel, Stainless Steel

ROTAMAC

- Standardized End Suction Pumps
EN733/DIN24255, ISO2858/ISO5199
ASME B73.1, API610
- Split Casing Double Suction Pumps
- Solid Handling Pumps
Slurry/Vortex/Semi-open/Open/Non clog
- High Pressure Multi-Stage Pumps
- Self-Priming Pumps
- Submersible Pumps
- Close Coupled Pumps
- Vertical Multi-Stage / Immersible Pumps
- Vertical Sump Pumps
- Vertical Turbine Pumps
- Mixed / Axial Flow Pumps
- Liquid Ring Vacuum Pumps
- Chemical Process Plastic Pumps
- Fire Fighting Pump Packages (NFPA20)
- Booster Pump Packages
- Trailer Mounted Pumps

436 Soi On-Nuch 39, Sukhumvit Rd.,
Suanluang, Bangkok 10250 - Thailand

T : +66 2721 3860

F : +66 2721 3869

E : sales@energytechnology.co.th

www.energytechnology.co.th

ROTAMAC can help relieve the stresses and reduce the life cycle costs associated with the most important aspects of plant operation.

Dedicated to delivering the highest quality support, ROTAMAC services and solutions integrates hydraulic, mechanical and materials engineering knowledge with creative solutions to improve equipment reliability and system performance, reduce energy consumption and improve the safety and environmental impact of operations.

Pump Services and Repair



Capabilities Overview

Design

- Equipment Selection and Optimization
- Material Selection
- System Design
- System Optimization

Start-up

- Equipment Installation
- Laser Alignment
- Commissioning and Running test
- Operator Training
- On-site Project Supervision
- On-site Troubleshooting

Operation and Maintenance

- Equipment Inspection
- Repair & Overhaul
- Advanced Diagnostics
- Service Maintenance Contracts