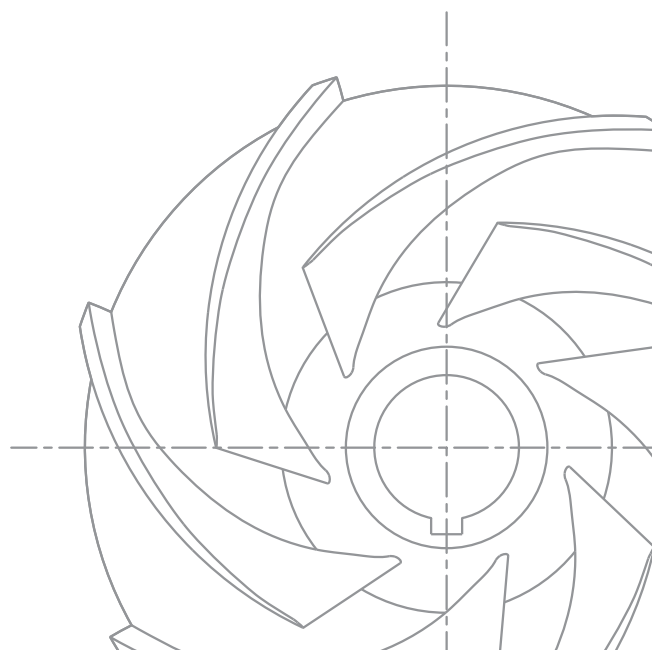


# rovatti pompe

Products you can rely on

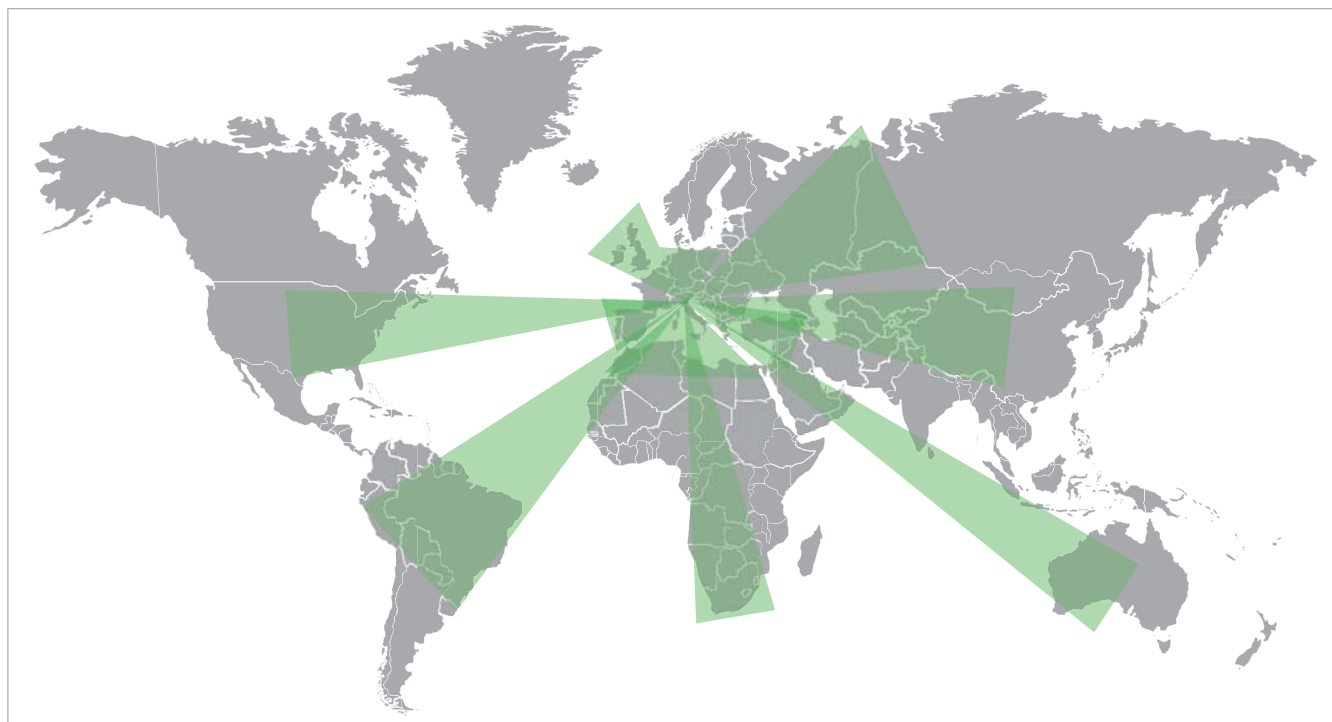
Pompe | Pumps | Pompes | Pumpen | Bombas

## General overview



## A powerful team in the world

- Rovatti Pompe is the right partner of every Company around the world because is able to respond quickly and efficiently to the rapid market trends. The wide range of centrifugal pumps produced, the well-established experience in the field and the continuous production quality improvement summarize the potential fielded by the Company. The value of the employees finally complete the driving force behind the entire Rovatti group.



Headquarters



2000 Division



IPERSOM Division



## A Family Company

- Since 1952 Rovatti Pompe manufactures, develops and distributes centrifugal pumps for submersible and surface installations constantly asserting itself as a global leader. The "Family Company" asset enables the group to ensure at all times its customers with high quality products, efficient service and a qualified structure able to provide answers quickly in order to satisfy the markets evolution.

## Research and Development

- While an active research and development program focuses on technological innovations and environmental impact, the design of new production processes, the development of advanced technical solutions and the use of new materials allow the Company to steadily improve the efficiency, reliability and maintenance of all products.

## Pumps for every purpose

- All Rovatti pumps are manufactured according to international standards and technical specifications of the customer to successfully satisfy many application areas. Technologically innovative products that provide maximum performance with minimum energy consumption, able to offer the highest security level, maintenance-free and ease of use conditions.

Industry



Irrigation



Water supply



Building services



Waste water and drainage



Groundwater supply



## Typical application areas

- Municipal water supply
- Water supply
- Seawater applications
- Drainage
- Construction site dewatering
- Domestic water supply
- Firefighting
- Conditioning systems
- Treatment plants
- Reverse osmosis systems
- Washdown systems
- Pressure boosting
- Cooling water systems
- Livestock systems
- Snow making systems
- Groundwater supply
- General industry
- Domestic sewage
- Storm water collecting
- Filling tanks and reservoirs
- Irrigation systems
- Spraying systems
- Liquid transfer
- Water treatment

Vertical lineshaft pumps - V series



Multistage electric pumps - MEK series



Electric borehole pumps - E series



# Borehole pumps

## Electric borehole pumps



### 4ES

- Radial and mixed-flow wet end centrifugal pumps with incorporated retaining valve and stainless steel external casing.

Q max **24 m<sup>3</sup>/h**

H Max **320 m**

P2 Max **5,5 kW**

Size **4"**

### Features:

- Thermoplastic resin hydraulic components
- Delivery bowl and suction bowl in AISI 304 stainless steel
- Light pump
- Easy installation
- Coupling flanges according to NEMA norms

### Typical applications:

- Domestic water supply
- Firefighting systems
- Pressure boosting
- Groundwater supply
- Irrigation systems

## Electric borehole pumps



### EC - ERC - ECX

- Radial and mixed-flow wet end centrifugal pumps with incorporated retaining valve and stainless steel external casing.

Q max **84 m<sup>3</sup>/h**

H Max **650 m**

P2 Max **75 kW**

Size **6" ÷ 8"**

### Features:

- Thermoplastic resin hydraulic components
- Version with cast iron delivery bowl and suction bowl
- Version with AISI 304 delivery bowl and suction bowl
- Wide range of models
- Coupling flanges according to NEMA norms

### Typical applications:

- Domestic water supply
- Water supply
- Pressure boosting
- Groundwater supply
- Irrigation systems

## Electric borehole pumps



### E - ER

- Radial and mixed-flow wet end centrifugal pumps with incorporated retaining valve.

Q max **660 m<sup>3</sup>/h**

H Max **650 m**

P2 Max **250 kW**

Size **6" ÷ 14"**

### Features:

- Robust cast iron construction
- Wide range of models
- Locked Impellers by unified keys and shaft protecting spacer bushes
- High operating safety
- Coupling flanges according to NEMA norms

### Typical applications:

- Municipal water supply
- General industry
- Pressure boosting
- Groundwater supply
- Irrigation systems

# Borehole pumps

## Vertical lineshaft pumps



### V

- Vertical lineshaft pumps with flanged drive head for electric motors, with horizontal right angle gear, with overgear driven by tractor p.t.o and with vertical pulley.

Q max **1200 m<sup>3</sup>/h**

H Max **310 m**

P2 Max **200 kW**

Size **6" ÷ 16"**

### Features:

- Robust cast iron construction
- Wide range of models
- Locked Impellers by unified keys and shaft protecting spacer bushes
- Mechanical seal or packed gland version
- Packed gland version available with the exclusive Twinner System®

### Typical applications:

- Municipal water supply
- Firefighting systems
- Cooling water systems
- Pressure boosting
- Groundwater supply
- Irrigation systems

## Electric borehole pumps



### EX - ERCX

- AISI 316 microcasted stainless steel radial and mixed-flow wet end centrifugal pumps with incorporated retaining valve.

Q max **1300 m<sup>3</sup>/h**

H Max **690 m**

P2 Max **400 kW**

Size **8" ÷ 16"**

### Features:

- Wide range of models
- AISI 316 microcasted stainless steel hydraulic components
- Corrosion and wear resistant components
- High operating safety
- Coupling flanges according to NEMA norms

### Typical applications:

- Municipal water supply
- Seawater applications
- Reverse osmosis systems
- Pressure boosting
- Groundwater supply
- Water treatment

## Vertical lineshaft pumps



### VX

- Vertical lineshaft pumps entirely in AISI 316 microcasted stainless steel with flanged drive head for IEC motors.

Q max **170 m<sup>3</sup>/h**

H Max **240 m**

P2 Max **55 kW**

Size **6" ÷ 8"**

### Features:

- AISI 316 microcasted stainless steel hydraulic components
- Corrosion and wear resistant components
- Adjustable cartridge mechanical seal
- Mechanical seal removing without motor disassembling
- Easy maintenance

### Typical applications:

- Municipal water supply
- Seawater applications
- Reverse osmosis systems
- Firefighting systems
- Treatment plants
- Water treatment

# Surface electric pumps

## Vertical multistage electric pumps



### MEKVC

- Centrifugal multistage pump body with overlapping threaded ports and IEC motor support.

Q max **40 m<sup>3</sup>/h**

H Max **175 m**

P2 Max **7,5 kW**

DN **2" GAS**

### Features:

- Thermoplastic resin hydraulic components
- Cast iron base and motor support
- Mechanical seal
- Light pump
- Compact construction

### Typical applications:

- Domestic water supply
- Firefighting systems
- Conditioning systems
- Washdown systems
- Pressure boosting
- General industry

## Vertical multistage electric pumps



### MEKVT - MEKV - MEKVI

- Centrifugal multistage pump body with in-line threaded and flanged ports and IEC motor support.

Q max **75 m<sup>3</sup>/h**

H Max **270 m**

P2 Max **37 kW**

DN **2" GAS ÷ DN65**

### Features:

- Thermoplastic resin hydraulic components
- Cast iron base and motor support
- AISI 304 stainless steel hydraulic components version
- Mechanical seal
- Packed gland version available with the exclusive Twinner System®
- Easy installation

### Typical applications:

- Conditioning systems
- Washdown systems
- Pressure boosting
- General industry
- Irrigation systems
- Water treatment

## Vertical multistage electric pumps



### MEK VX

- Vertical multistage electric pumps entirely in AISI 316 microcasted stainless steel with flanged in-line ports and IEC motor support.

Q max **75 m<sup>3</sup>/h**

H Max **270 m**

P2 Max **30 kW**

DN **65**

### Features:

- AISI 316 microcasted stainless steel hydraulic components
- Corrosion and wear resistant components
- Mechanical seal or packed gland version
- Packed gland version available with the exclusive Twinner System®
- High operating safety

### Typical applications:

- Seawater applications
- Reverse osmosis systems
- Conditioning systems
- Pressure boosting
- General industry
- Irrigation systems
- Water treatment

# Surface electric pumps

## Multistage electric pumps



### MEK - MEKV

- Vertical and horizontal multistage centrifugal pumps with flanged ports and IEC motor support.

Q max **300 m<sup>3</sup>/h**

H Max **265 m**

P2 Max **162 kW**

DNa **65 ÷ 150**

### Features:

- High efficiency
- Modular construction
- Mechanical seal or packed gland version
- Packed gland version available with the exclusive Twinner System®
- Easy maintenance with the Rapid Reset Kit
- IEC standard motors

### Typical applications:

- Municipal water supply
- Water supply
- Conditioning systems
- Washdown systems
- Pressure boosting
- General industry
- Irrigation systems

## EN 733 norm close coupled pumps



### MNE

- Close coupled pumps in compliance with EN 733 standards coupled to electric motors through rigid coupling. Axial inlet and scroll outlet.

Q max **300 m<sup>3</sup>/h**

H Max **100 m**

P2 Max **90 kW**

DNm **32 ÷ 125**

### Features:

- High efficiency
- Mechanical seal or packed gland version
- Packed gland version available with the exclusive Twinner System®
- Easy installation
- Easy maintenance
- IEC standard motors

### Typical applications:

- Water supply
- Firefighting systems
- Conditioning systems
- Cooling water systems
- General industry
- Irrigation systems

## Single-stage close coupled pumps



### MEW

- Electric close coupled pumps with keyed impeller on motor shaft. Axial inlet and scroll outlet.

Q max **180 m<sup>3</sup>/h**

H Max **65 m**

P2 Max **22 kW**

DNm **32 ÷ 80**

### Features:

- Robust cast iron construction
- Equipped with the exclusive Twinner System®
- Compact construction
- Easy installation

### Typical applications:

- Water supply
- Domestic water supply
- Irrigation systems

# Surface pumps

## Centrifugal pumps according to EN 733



### SNE

- Single-stage bareshaft centrifugal pumps according to EN 733 standards. Axial inlet and scroll outlet.

Q max **1300 m<sup>3</sup>/h**

H Max **150 m**

P2 Max **200 kW**

DNm **32 ÷ 250**

### Features:

- High efficiency
- Back pull-out design
- Bearing lubrication options
- Mechanical seal or packed gland version
- Packed gland version available with the exclusive Twinner System®
- Easy maintenance

### Typical applications:

- Water supply
- Firefighting systems
- Conditioning systems
- Cooling water systems
- General industry
- Irrigation systems

## Low and medium pressure pumps



### S - SQ - SP - SNF

- Single-stage bareshaft centrifugal pumps with axial inlet and scroll outlet.

Q max **1020 m<sup>3</sup>/h**

H Max **150 m**

P2 Max **162 kW**

DN **32 ÷ 250**

### Features:

- Wide range of models
- Robust cast iron construction
- Low NPSH
- Wide performance range
- Application flexibility

### Typical applications:

- Water supply
- Filling tanks and reservoirs
- Irrigation systems
- Liquid transfer
- General industry

## High pressure pumps



### SK - SKD

- Multistage bareshaft centrifugal pumps with single or double bearing support and with axial or radial inlet.

Q max **360 m<sup>3</sup>/h**

H Max **500 m**

P2 Max **400 kW**

DN **50 ÷ 150**

### Features:

- Single or double bearing support version
- Mechanical seal or packed gland version
- Packed gland version available with the exclusive Twinner System®
- Easy maintenance with the Rapid Reset Kit
- High efficiency

### Typical applications:

- Water supply
- Washdown systems
- Pressure boosting
- Snow making systems
- General industry
- Irrigation systems

# Surface pumps

## Flanged pumps for thermic engines



### FL

- Single-stage and 2 stage centrifugal pumps with axial inlet and scroll outlet for direct coupling to thermic engines.

Q max **215 m<sup>3</sup>/h**

H Max **115 m**

P2 Max **37 kW**

DNa **50 ÷ 100**

### Features:

- Wide range of models
- Robust cast iron construction
- Reduced overall dimensions
- Easy installation
- Application flexibility

### Typical applications:

- Firefighting systems
- Filling tanks and reservoirs
- Spraying systems
- Liquid transfer

## Flanged pumps for thermic engines



### F - FK - FNF

- Single-stage and multistage centrifugal pumps for direct coupling to thermic engines with SAE flange. Axial inlet and scroll outlet.

Q max **840 m<sup>3</sup>/h**

H Max **210 m**

P2 Max **162 kW**

DNm **32 ÷ 200**

### Features:

- Wide range of models
- Robust cast iron construction
- Low NPSH
- Easy installation
- Application flexibility

### Typical applications:

- Livestock systems
- Filling tanks and reservoirs
- Irrigation systems
- Spraying systems
- Liquid transfer

## Pumps with overgear



### T - TK - T0 - MB

- Single-stage and multistage centrifugal pumps with overgear driven by cardan shaft or PTO. Axial inlet and scroll outlet.

Q max **1020 m<sup>3</sup>/h**

H Max **170 m**

P2 Max **90 kW**

DNm **40 ÷ 250**

### Features:

- Wide range of models
- Robust cast iron construction
- Tested overgear water circulation cooling device
- Available with trolleys and three-point mounting
- Application flexibility

### Typical applications:

- Livestock systems
- Filling tanks and reservoirs
- Irrigation systems
- Spraying systems
- Liquid transfer

# Electric submersible pumps

## Waste water electric submersible pumps



### RHM

- Professional electric submersible pumps with single-channel impellers for free wet installations or with automatic connection foot.

Q max **210 m<sup>3</sup>/h**

H Max **45 m**

P2 Max **11,5 kW**

DN **65 ÷ 100**

### Features:

- Single-channel impellers
- Double mechanical seal
- Oil chamber infiltrations control probe and winding temperature control probe
- Robust cast iron construction
- High operating safety
- Large solids passage

### Typical applications:

- Treatment plants
- Livestock systems
- General industry
- Storm water collecting
- Liquid transfer
- Irrigation systems

## Waste water electric submersible pumps



### RHV

- Professional electric submersible pumps with vortex impellers for free wet installations or with automatic connection foot.

Q max **200 m<sup>3</sup>/h**

H Max **20 m**

P2 Max **9,5 kW**

DN **65 ÷ 100**

### Features:

- Vortex impellers
- Double mechanical seal
- Oil chamber infiltrations control probe and winding temperature control probe
- Robust cast iron construction
- High operating safety
- Large solids passage

### Typical applications:

- Treatment plants
- Livestock systems
- General industry
- Storm water collecting
- Liquid transfer
- Irrigation systems

## Waste water electric submersible pumps



### RHB

- Professional electric submersible pumps with double-channel impellers for free wet installations or with automatic connection foot.

Q max **500 m<sup>3</sup>/h**

H Max **25 m**

P2 Max **22 kW**

DN **150**

### Features:

- Double-channel impellers
- Double mechanical seal
- Oil chamber infiltrations control probe and winding temperature control probe
- Robust cast iron construction
- High operating safety
- Large solids passage

### Typical applications:

- Treatment plants
- Livestock systems
- General industry
- Storm water collecting
- Liquid transfer
- Irrigation systems

# Slurry centrifugal pumps

## Horizontal pumps



### SL - SLK - SD - TL - TLK

- Wide range of bareshaft centrifugal pumps and pumps with overgear for tractor PTO.

Q max **240 m<sup>3</sup>/h**

H Max **130 m**

P2 Max **90 kW**

DNm **2 ½" - 3 ½" - 65 - 80**

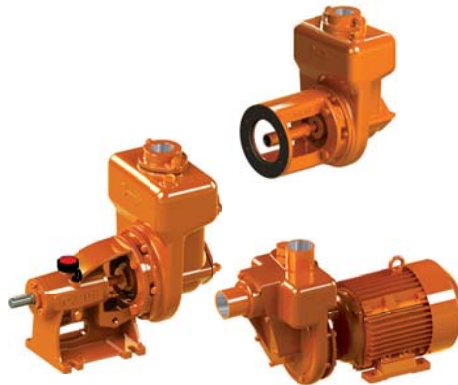
### Features:

- Robust cast iron construction
- Versions with grinding system
- Versions with different priming systems
- Mechanical seal or packed gland version
- Wide range of models
- Available with trolleys and three-point mounting

### Typical applications:

- Livestock systems
- Irrigation systems
- Liquid transfer

## Self-priming pumps



### SA - MEA - FLA

- Self-priming centrifugal pumps in different configurations: bareshaft, flanged for thermic engines and close coupled with electric motors.

Q max **155 m<sup>3</sup>/h**

H Max **75 m**

P2 Max **22 kW**

DNm **1" ½ ÷ 5" GAS**

### Features:

- Robust cast iron construction
- Open impeller with wear plate
- Mechanical seal
- Easy installation
- Application flexibility

### Typical applications:

- Construction site dewatering
- Washdown systems
- Spraying systems
- Liquid transfer

## Self-priming pumps for hydraulic motors



### SAI

- Self-priming centrifugal pumps for hydraulic motors.

Q max **80 m<sup>3</sup>/h**

H Max **35 m**

P2 Max **7 kW**

DNm **1 ½" ÷ 3" GAS**

### Features:

- Robust cast iron construction
- Open impeller with wear plate
- Mechanical seal
- Easy installation
- Reduced overall dimensions

### Typical applications:

- Construction site dewatering
- Washdown systems
- Spraying systems
- Liquid transfer

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Products you can rely on

Rovatti Pompe s.p.a. reserves the right to make changes without prior notice



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