

# rovatti pompe

Company profile



WORKING FOR AN ESSENTIAL RESOURCE  
MEANS TAKING CARE OF THE FUTURE

[www.rovatti.it](http://www.rovatti.it)



# Rovatti group

## **THE PHILOSOPHY**

A successful international company strategy is built on its thorough understanding of the business in which it is operating and on the quality, energy and enthusiasm of the staff it employs and those working in its world wide distribution network. Each member of our highly qualified design, manufacturing, marketing and service support team is encouraged and authorised to take prompt decisions that will provide added benefits to our increasing number of satisfied customers.

## **A PARTNER IN PROBLEM SOLVING**

Rovatti's mission is to work as a world wide partner in any project involving pumps and pumping systems. It is our commitment to develop and manufacture new innovative products to be added to our present wide range. The combination of experience, technology and efficiency makes Rovatti Pompe the ideal choice.

## **A MODERN AND PROGRESSIVE COMPANY**

Market globalisation, competition and customer expectations are increasing daily but thanks to our highly motivated and flexible organisation, Rovatti Pompe is able to offer prompt service and assistance to reputable companies working to all internationally accepted standards.



# Sustainable technology

## THE EVOLUTION

Since 1953, the name of Rovatti Pompe has been synonymous with the production of high quality water pumps. Over the years the company has diversified its activity from the production of pumps for agricultural applications to include pumps for industry, drainage and sewage. The company policy is to guarantee quality and compliance of Rovatti products to the specific requirements of UNI-EN ISO 9001/2008 including the design, manufacture, sale and after sales service support.

## THE KNOW HOW

Over many years Rovatti Pompe has acquired a vast wealth of unrivalled experience in the pumping industry and this unique understanding and knowledge is continually recycled and incorporated in our product range to the benefit of everyone.

## RESEARCH AND DEVELOPMENT

Rovatti has always been heavily engaged in an active programme of research and development with particular attention to technological innovations, manufacturing processes, market analysis and to the protection of the environment contributing to a better quality of life.



# Manufacturing

## PRODUCTIONS

Rovatti's production covers a wide range of centrifugal pumps for surface and submersible installations to satisfy a multitude of applications. Rovatti pumps are designed and manufactured for potable and industrial water supplies, agricultural water supplies and irrigation, domestic and industrial sewage and waste, drainage, washing, boosting, fire fighting and artificial snow making, to name but a few.

## CERTIFIED QUALITY

To produce innovatively designed, high efficiency, long life, environmentally friendly pumps with reduced energy requirements. This philosophy is fully linked to and the main driver of Rovatti's manufacturing strategy, which incorporates a vigorous and on-going programme of research and development. Technological innovation, advanced performance and accelerated wear testing are integral in the production of every Rovatti pump. Rovatti Pompe is a highly motivated flexible organisation with unrivalled experience in the design, manufacture and marketing of reliable centrifugal pumps for the world.

## PRODUCTS

**GREEN LINE** is our wide range of centrifugal pumps for clean water. Suitable for civil, agricultural and industrial applications. Available in two versions: SURFACE (horizontal, bareshaft and flanged, single and multistage pumps) - SUBMERSIBLE (borehole electric pumps, vertical lineshaft pumps driven by electric motors, diesel engines and tractors).

**ORANGE LINE** is our wide range of centrifugal pumps designed for waste water with some solids in suspension. Suitable for industrial, civil and agricultural applications. Available in three versions: HORIZONTAL SINGLE-STAGE BARESHAFT AND FLANGED - SELF PRIMING - CLOSE COUPLED, ELECTRIC SUBMERSIBLE.

**EXTREME** is our wide range of pumps engineered and designed for efficient and reliable pumping even of aggressive water and corrosive liquids in residential, municipal and industrial applications. Available in different versions: SUBMERSIBLE (borehole electric pumps, vertical lineshaft pumps driven by electric motors) - SURFACE (vertical multistage electric pumps).



## BOREHOLE ELECTRIC PUMPS

Driven by electric submersible motors, suitable for boreholes from 4" up to 14" diameter. Available in radial (ER) and semi-axial (E) versions; manufactured with optional materials, suitable for underground installation or in storage tanks.



## VERTICAL LINESHAFT PUMPS

Consisting of modular pump assembly. Lineshaft column pipes with water lubricated rubber bearings and drive heads suitable for electric motors, diesel engines and tractors. Suitable for installation in boreholes from 6" up to 16" diameter for underground water or in storage tanks, manufactured with optional materials.



## MONOBLOC MULTISTAGE ELECTRIC PUMPS

Designed for high hydraulic efficiency and versatility, manufactured in a wide range of different materials. Available in "Compact", "In line" and "Europa" configurations in horizontal and vertical versions. Main applications: water raising installations, municipal water systems, irrigation, industrial plants, fire fighting and artificial snow plants.



## MONOBLOC SINGLE-STAGE ELECTRIC PUMPS

Horizontal single-stage with packed gland shaft seal, or mechanical seal on request. The electric motors are sized to satisfy the power absorbed. Their robust design, the material and mechanical strength makes them easy to use, reliable, safe and long-lasting.



## HORIZONTAL MULTISTAGE PUMPS

Bareshafts supported by oil lubricated bearings for series "SK - SRK" and with shaft supported by grease lubricated bearings for series "SKD". Driven by electric motors or diesel engines with flexible coupling. The modular construction accommodates many applications.



## HORIZONTAL SINGLE-STAGE PUMPS

Bareshafts supported by ball bearings housed in oil immersion, driven by electric motors or diesel engines with a flexible coupling. Their robust design and mechanical strength, makes them easy to use, reliable and economic. These pumps are suitable for different applications as well as in civil and industrial installations.

## FLANGED PUMPS FOR DIESEL ENGINES

Horizontal, with rigid connection to the engine flywheel for single-stage pumps and with a rubber element connection for multistage pumps. Suitable for engines equipped with SAE5 - SAE4 - SAE3 - SAE2 - flywheel housings. Hydraulic components are common to series SQ-S, SP-SPK, SK-SRK with many evident advantages of compatibility.



## TRACTOR PTO PUMPS

Single and multistage pumps with speed increasing water cooled oil immersed gearbox incorporating various gear ratios. Driven by tractors and mounted on a two wheeled trailer or 3 point linkage, these series of pumps are very versatile and suitable for agricultural mobile irrigation or other applications requiring a rapid installation.



## CENTRIFUGAL PUMPS FOR SLURRY

Horizontal and single-stage bareshaft pumps. SAE flanged units for direct connection to electric motors, diesel engines and tractor driven pumps with speed increasing gearboxes are the main characteristics of these series of pumps designed to handle animal slurries and sewage with solid and fibre content.



## SELF PRIMING CENTRIFUGAL PUMPS

Horizontal and single-stage, close coupled to electric motors, PTO gearbox for tractors, bareshaft for electric motors and diesel engines and flanged for SAE engines are available. Open impeller, priming chamber, mechanical seal and other technical devices are the main characteristics of these series of pumps suitable for dirty, muddy and sandy liquids.



## ELECTRIC SUBMERSIBLE PUMPS

Multiple constructive solutions result on a large application field. Suitable for fixed and mobile installations and for many applications including: pumping sewage from residential and industrial waste water handling plants, general and emergency drainage, heavy drainage on construction sites, mining and tunnels in presence of solids, fibres and aggressive waters.



# NEW PRODUCTION

## 12EX series - also available the 8" and 10" version

**EXTREME**

12" mixed-flow borehole electric pumps in AISI 316 **casted** stainless steel

THE AISI 316 CASTED SOLUTION WITH MAXIMUM EFFICIENCY AND SUCTION CAPABILITY

- Reduced energy consumption
- Maximum corrosion resistance
- Reduced positive suction head

Max capacity	550 m <sup>3</sup> /h
Max head	310 m
Max power	250 kW



## 8ERCX series

**EXTREME**

8" radial borehole electric pumps in AISI 316 **casted** stainless steel

THE AISI 316 CASTED SOLUTION WITH HIGH CORROSION RESISTANCE AND MAXIMUM EFFICIENCY

- Reduced energy consumption
- Maximum corrosion resistance
- Maximum efficiency

Max capacity	72 m <sup>3</sup> /h
Max head	500 m
Max power	66 kW



## MEKVX series

**EXTREME**

Close coupled multistage electric pumps in AISI 316 **casted** stainless steel

THE AISI 316 SOLUTION WITH MAXIMUM CORROSION RESISTANCE AND LARGE APPLICATION FIELD

- Reduced energy consumption
- Maximum corrosion resistance
- Easy maintenance

Max capacity	70 m <sup>3</sup> /h
Max head	250 m
Max power	37 kW



## 6VX - 8VX series

**EXTREME**

6" and 8" vertical turbine pumps in AISI 316 **casted** stainless steel

THE VERTICAL SOLUTION WITH MAXIMUM EFFICIENCY AND HIGH CORROSION RESISTANCE

- Reduced energy consumption
- Maximum corrosion resistance
- Maximum efficiency

Max capacity	192 m <sup>3</sup> /h
Max head	310 m
Max power	90 kW



## 12EN series

**GREEN LINE**

12" mixed-flow borehole electric pumps

THE PROFESSIONAL SOLUTION WITH MAXIMUM EFFICIENCY AND SUCTION CAPABILITY

- Reduced energy consumption
- Reduced positive suction head
- Reduced axial thrust

Max capacity	550 m <sup>3</sup> /h
Max head	310 m
Max power	250 kW



## SK150 series

**GREEN LINE**

Horizontal multistage pumps

THE PROFESSIONAL SOLUTION FOR HIGH CAPACITY AND HIGH PRESSURE

- Reduced energy consumption
- Large application field
- Easy maintenance



Max capacity	280 m <sup>3</sup> /h
Max head	250 m
Max speed	2000 1/min



## RHV series

**ORANGE LINE**

Electric submersible pumps with vortex impeller

THE IDEAL COMBINATION OF HIGH PASS-THROUGH CAPABILITY AND HIGH EFFICIENCY

- Reduced energy consumption
- High pass-through capability
- Easy maintenance

Max capacity	135 m <sup>3</sup> /h
Max head	16 m
Max power	5.2 kW



# rovatti

A name you can rely on

## A POWERFUL TEAM IN THE WORLD

The momentum and continuous progress and expansion at Rovatti Pompe is driven by the unique amalgam of competent people, unrivalled experience and reliable, proven, high quality products. The objectives of our national and international marketing network are to raise brand awareness, increase sales and strengthen our relationship with the end user customers expectations of second-to-none efficiency, technical advice and operational / service support.



[www.rovatti.it](http://www.rovatti.it)