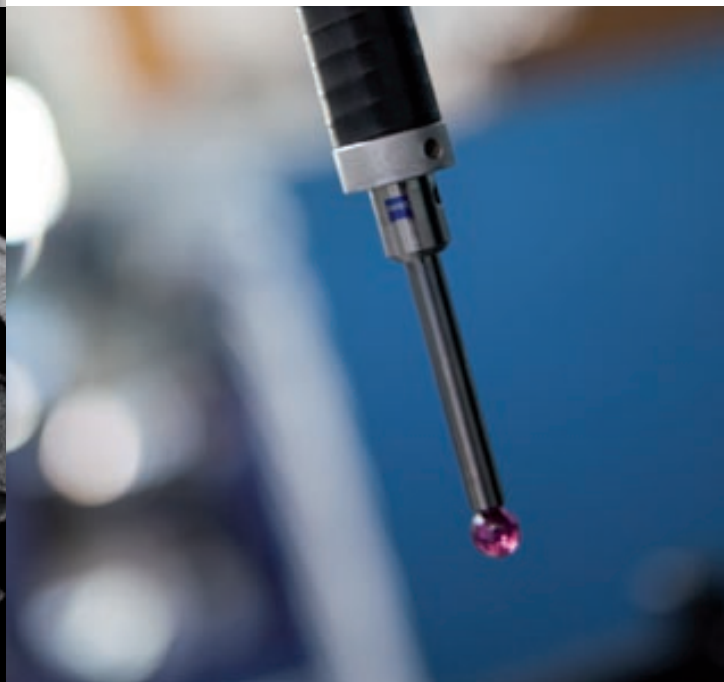
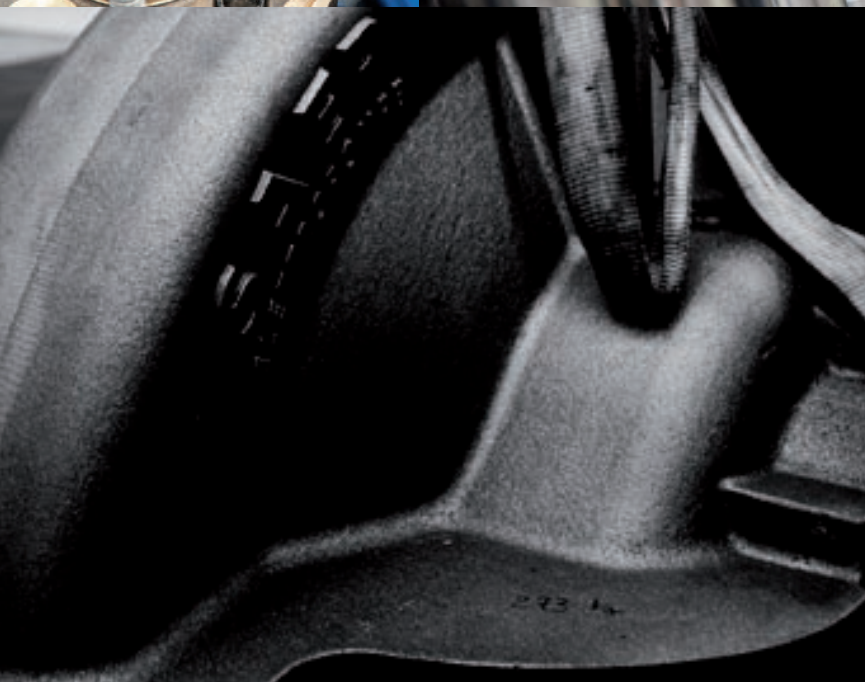


SAER[®]
ELETTROPOMPE



Corporate Profile.

EFFICIENT SOLUTIONS MADE IN ITALY.



HISTORY: 1951 UP TODAY

CONTINUOUS INNOVATION, SINCE 1951.

Since 1951 SAER ELETTROPOMPE S.p.A. offers innovative solutions in the clear water field, with a complete range of surface and submersible motors and pumps entirely made in Italy, for applications in civil, industrial, marine, firefighting, water supply, mining, heating and cooling, municipal, Oil & Gas, reverse osmosis, residential, agriculture, irrigation and many others. Flexibility, research and development, know-how of over 60 years of experience, full automation of the production processes and collaboration of highly qualified staff are the key elements of SAER success, which is still a family owned Company.

A COMPLETE RANGE FOR ANY NEED.

SAER produces and exports more than 700 types of submersible and centrifugal pumps and motors all over the world. End suction pumps according to EN 733 in close-coupled, bareshaft and stub shaft version, end suction pumps with dimensions exceeding the norm, split casing, horizontal and vertical multistage, booster sets, pumps for residential use, radial and semi-axial submersible pumps and submersible motors: SAER offers global solutions in the water field.

FOCUS ON MATERIALS.

The products are available in different metallurgies: carbon steel, brass, cast iron, techno-polymer, several grades of stainless steel, marine bronze, DUPLEX... with such a choice, SAER provides a products range suitable for any application.

ITALIAN QUALITY.

Differently from other companies that have relocated production plants to the Eastern Countries, SAER production is situated in five plants in the province of Reggio Emilia (North of Italy). This was dictated by the need to give a high quality standard, dedicated to efficiency and "Made in Italy" philosophy, with full control over the manufacturing phases, starting from the detail to the final result.

TECHNOLOGY, RESEARCH AND INNOVATION.

Automation of the entire production processes, Research and Development laboratory with a team of engineers pursuing continuously innovative solutions, two state of the art testing rooms and quality department complete the picture of the Company (production area: over 60.000 m² covered).

FLEXIBILITY AND SPEED.

Thanks to the flexibility that distinguishes the Company, SAER is able to design and produce in a short time even products on demand, integrating them in its wide range, giving to Customer a quality and efficient service.

All these features have made SAER professionals preferred choice from privates to public Corporations, OEM, contractors, engineering Companies and many others in over 120 Countries around the world.



Five industrial hubs for made in Italy production.

Headquarter: R&D, testing facilities, quality control department, production of centrifugal and submersible pumps.

Submersible motors plant: production from 4" up to 12" fully rewindable motors. Last generation testing room.

Split casing and multistage plant: production, checking, finishing and testing of high pressure and big flow pumps.

Shaft plant: production, machining and testing of shafts for pumps and motors.

Winding plant: winding of electrical and submersible motors.

A complete range suitable for any need.

Experience and constant research: that's what SAER pours into its products.

Fields of applications:

Industry
Irrigation
Commercial

Oil and Gas
Marine
Mining

Municipality
Residential
RO

Firefighting
Heating
Cooling

Water supply
Water treatment
Groundwater supply



State of the art technology gets energy saving.

R&D departments: a team of qualified engineers is continuously researching new techniques and technologies.

Orientation towards performance improvement: through cost controls using tools as CFD and FEA software and prototyping, with focus on environment care.

Reliable results even before real tests: the highly skilled staff studies and optimizes each component creating reliable and high efficiency products. The final tests are in line with the theoretical results obtained during the design phase. SAER range presents low cost of service & maintenance over time.

Because quality is a matter of details.

Carrying out a high efficiency pump or motor not only as prototype but as a series, is not a design issue only. All aspects are realized in the project fulfilment.

Quality control department: from the beginning to the end, several controls are made during the manufacturing process, checking values, measurements, materials, results.

Testing rooms: all trials on the pumps and motors are made in the two state of the art laboratories, to test over 5000 m³/h.

Quality certification: the production is tested under different conditions; every part has to be made in accordance with high standard parameters. SAER is certified ISO 9001:2008.

Wide choices: from polycarbonate to noryl, from carbon steel to marine bronze, stainless steel AISI 316 and DUPLEX; only the finest materials are used in order to meet different requirements.



Automated production from the raw piece to the final result.

Fully automated processes: by continuous development of new systems, SAER has reached a high standard know-how for technical automatic processes of production. The full automation was a goal that the Company has achieved over the years thanks to the consolidation of the trademark worldwide.

Smart solutions: the constant research, from the shape of the blade to the best material according to the applications, the experience and know-how which form our background, make the continuous developing of new products possible.

Flexibility: the Company is able to deliver in short time not only standard products, but also what is special for other producers even realizing customized or on demand items, integrating them in the wide SAER range.

Advanced technology.

Further to pumps, SAER manufactures motors too.

Internal production: all stages of production are done internally from the beginning.

Windings: made automatically to give top performances.

Full motor production tested.

Back pull-out design for easy maintenance.

Wherever high pressure or large flow is required.

Close-coupled pumps.

2 or 4 poles version. Applications: recycling plants, heating and cooling, plants of water supply, pressurizing units and fire-fighting systems. Available materials: carbon steel, cast iron, bronze, stainless steel AISI 316.

50 Hz
Q max: 400 m³/h (1762 U.S.g.p.m.)
H max: 100 m (328 feet)
Power: 0,37÷37 kW (0,5÷50 HP)

60 Hz
Q max: 525 m³/h (2313 U.S.g.p.m.)
H max: 113 m (371 feet)
Power: 0,37÷37 kW (0,5÷50 HP)



IR SERIES

Centrifugal pumps with stub shaft.

Applications: recycling plants, heating and cooling, plants of water supply, pressurizing units and fire-fighting systems. Available materials: cast iron, carbon steel, bronze, stainless steel AISI 316.

50 Hz
Q max: 255 m³/h (1123 U.S.g.p.m.)
H max: 102 m (334 feet)
Power: 5,5÷75 kW (7,5÷100 HP)

60 Hz
Q max: 260 m³/h (1145 U.S.g.p.m.)
H max: 113 m (371 feet)
Power: 11÷22 kW (15÷30 HP)



MG SERIES

End suction pumps according to EN 733.

2 or 4 poles version. Applications: recycling plants, heating and cooling, plants of water supply, pressurizing units and fire-fighting systems. Available materials: cast iron, carbon steel, bronze, stainless steel AISI 316.

50 Hz
Q max: 675 m³/h (2970 U.S.g.p.m.)
H max: 129 m (423 feet)
Power: 0,37÷160 kW (0,5÷220 HP)

60 Hz
Q max: 800 m³/h (3524 U.S.g.p.m.)
H max: 113 m (371 feet)
Power: 0,37÷110 kW (0,5÷150 HP)



NCB SERIES

End suction pumps with dimensions exceeding EN 733.

4 and 6 poles version. Applications: recycling plants, heating and cooling, plants of water supply, pressurizing units and fire-fighting systems. Available materials: carbon steel, cast iron, stainless steel AISI 316.

50 Hz
Q Max: 2300 m³/h (10127 U.S.g.p.m.)
H max: 97 m (318 feet)
Power: 11÷355 kW (15÷480 HP)

60 Hz
Q max: 2400 m³/h (10567 U.S.g.p.m.)
H max: 122 m (400 feet)
Power: 18,5÷400 kW (25÷540 HP)



NCBK SERIES

Multistage horizontal pumps.

Applications: residential use, gardening, irrigation, water supply, water automatic distribution using middle pressure tanks, pressurization units. Available materials: carbon steel, stainless steel AISI 304, stainless steel AISI 316.

50 Hz
Q max: 40 m³/h (176 U.S.g.p.m.)
H max: 162 m (531 feet)
Power: 0,37÷11 kW (0,55÷10 HP)

60 Hz
Q max: 48 m³/h (212 U.S.g.p.m.)
H max: 149 m (489 feet)
Power: 0,55÷13,5 kW (0,75÷18,3 HP)



OP SERIES

Vertical multistage pumps.

Possibility to combine the MK series to all normalized motors. Applications: lifting plants with or without tank, irrigation systems and wherever high pressure is required. Available materials: carbon steel, stainless steel AISI 304, stainless steel AISI 316.

50 Hz
Q max: 40 m³/h (176 U.S.g.p.m.)
H max: 394 m (1292 feet)
Power: 0,75÷30 kW (1÷40 HP)

60 Hz
Q max: 45 m³/h (198 U.S.g.p.m.)
H max: 385 m (1263 feet)
Power: 0,75÷37 kW (1÷50 HP)



MK SERIES

Multistage vertical and horizontal pumps.

2 or 4 poles. Radial or axial suction body. Applications: irrigation, water supply, high pressure lifting, refrigeration, heating and cooling, snowmaking plants, reverse osmosis. Available materials: carbon steel, cast iron, bronze and stainless steel AISI 316.

50 Hz
Q max: 700 m³/h (3082 U.S.g.p.m.)
H max: 630 m (2067 feet)
Power: 15÷500 kW (20÷680 HP)

60 Hz
Q max: 900 m³/h (3962 U.S.g.p.m.)
H max: 630 m (2067 feet)
Power: 15÷500 kW (20÷680 HP)



TM SERIES

Split casing pumps.

4 and 6 poles. Low life cycle cost thanks to high efficiency and low maintenance costs. Applications: recirculating systems, heating, air conditioning, heat recovery, plants of water supply, fire-fighting, irrigation, water treatment. Available materials: cast iron and bronze.

50 Hz
Q max: 5000 m³/h (22014 U.S.g.p.m.)
H max: 220 m (722 feet)
Power: 15÷1100 kW (20÷1500 HP)

60 Hz
Q max: 5000 m³/h (22014 U.S.g.p.m.)
H max: 220 m (722 feet)
Power: 15÷1100 kW (20÷1500 HP)



SKD SERIES

Innovative solutions.

Under water reliability.

Residential pumps.

A complete range for global solution in residential applications: threaded centrifugal pumps, centrifugal peripheral electric pumps, self priming pumps, double impellers pumps, gear pumps, swimming pool pumps, drainage pumps.
Materials available: cast iron, brass, techno-polymer, stainless steel.



RESIDENTIAL SERIES

Booster sets with 2 or more pumps.

Variable or fixed speed.
Applications: Pressurization and distribution of water in civil, agricultural and industrial plants, heating plants, cooling, air-conditioning and irrigation systems.
Operation: in sequential cascade following the increase of water demand.



TB SERIES

Submersible enbloc electric pumps.

Modular system: from one pump it is possible to obtain three different versions, with a simple replacement of the lower part (suction grid-MBS, suction base-MBSH, and inlet-MBSL).
Applications: water supply from tanks, basin or open wells, or from 6" wells for residential, civil, agriculture and for pressurizations.
Available materials: AISI 304, carbon steel, thermoplastic resin.



MBS
MBSH
MBSL
SERIES

Control panels & VFD (inverters).

SAER offers even a complete range of control panels compatibles to different starting methods: DOL, star-delta, impedance starting, soft-starting and with inverter.
The range includes inverters for the control of surface and submersible electric pump both available in single and three phase. Noiseless, the inverter can be used individually to control one pump or in multiples to control several pumps in parallel or in groups for pressurization.



CONTROL PANELS & VFD

Oil filled submersible motors.

4" and 6" completely rewindable motors. Standard NEMA, non toxic oil (USA FDA, US Pharmacopoeia/ National Formulary, USDA, European Pharmacopoeia approved). Single phase or three phase version.
Materials available: carbon steel, cast iron, stainless steel AISI 316, stainless steel AISI 304.

50 Hz
Power: 0,37÷18,5 kW (0,5÷25 HP)
60Hz
Power: 0,37÷18,5 kW (0,5÷25 HP)



CL SERIES

Water filled submersible motors.

6", 8", 10", 12" fully rewindable motors. Standard NEMA, up to 8". 2 and 4 poles (starting from 8"). PVC or PE+PA winding.
Materials available: carbon steel, cast iron, bronze, brass, stainless steel AISI 316, DUPLEX.

50 Hz
Power: 1,5÷300 kW (2÷400 HP)
60Hz
Power: 1,5÷300 kW (2÷400 HP)



MS SERIES

Semi-axial submersible pumps.

6", 8", 10", 12" and 14" submersible pumps. Applications: lifting, pressurizing and distribution in civil and industrial installations, autoclave and cistern inlets, washing plants, irrigation systems, mining and off shore.
Materials available: carbon steel, cast iron, bronze, stainless steel AISI 316, DUPLEX.

50 Hz
Q max: 725 m³/h (3194 U.S.g.p.m.)
H max: 388 m (1273 feet)
Power: 3÷300 kW (4÷400 HP)

60Hz
Q max: 725 m³/h (3194 U.S.g.p.m.)
H max: 388 m (1273 feet)
Power: 4÷300 kW (5,5÷400 HP)



S SERIES

Radial submersible pumps.

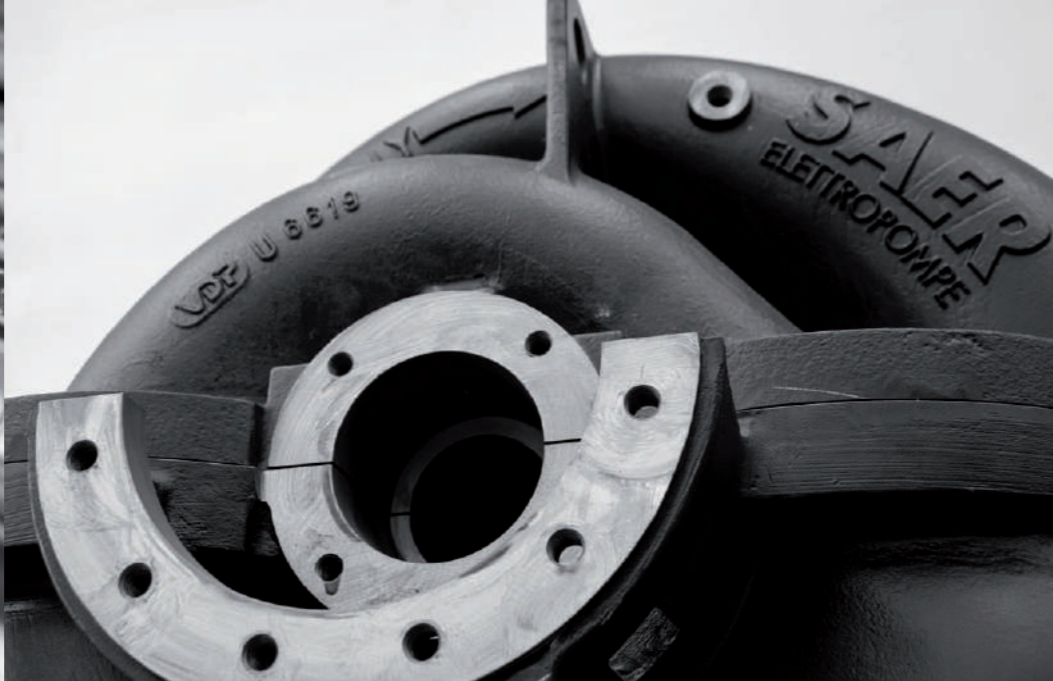
4", 6", 8", 10" submersible pumps. Applications: lifting, pressurizing and distribution in civil and industrial installations, autoclave and cistern inlets, washing plants, irrigation systems.
Materials available: carbon steel, cast iron, brass, noryl, stainless steel AISI 316 and 304.

50 Hz
Q max: 210 m³/h (925 U.S.g.p.m.)
H max: 955 m (3133 feet)
Power: 0,37÷185 kW (0,55÷250 HP)

60Hz
Q max: 230 m³/h (1012 U.S.g.p.m.)
H max: 885 m (2903 feet)
Power: 0,37÷185 kW (0,55÷250 HP)



FS, NS, NR SERIES



Come and visit us.

High quality standard, most advanced production technologies, know-how, efficiency and best delivey time. Come and visit our Company. You'll understand why it's not just marketing, it's reality.

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Efficient solutions made in Italy.