

A.R.S - Aqua Royal Spring



***ARS Pumps
For Mining Solutions
Application
Copper, Nickel
and Gold Heap
Leaching Process,
ILS ,PLS & Raffinate
Pond .***



***ARS Pumps
is the most efficient motors pumps
technology to transfer any liquid Solution .***

Mining Pumps

Almost a century of knowledge in Mining liquid solution and pumping applications has lead SAER to develop and manufacturer an incredible range in terms of variety of materials and type of construction including: surface motors, end suction, close coupled and high pressure pumps, split casing, in line pumps, submersible pumps and motors, small commercial series, booster sets.

- 💧 R&D and quality department, testing facilities, production.
- 💧 Motor division: production from 4" up to 12" submersible motors and up to 300 kW surface engines.
- 💧 Technology center: dedicated area for training, museum and showroom.
- 💧 High flow/pressure pumps plant: to develop pumps up to 10.000 m³/h.
- 💧 High chemical resistance.
- 💧 All motors are available in both 50 Hz and 60 Hz versions, in different materials, voltages, insulation, efficiency classes, and for inverter use.

Our products range is continuously evolving ,not only new series are designed, but also all the lines to be in conformity with the latest norms and parameters are updated, giving birth to innovative and energy saving water pumping solutions.



ARS - Aqua Royal Spring
Engineering Mining Solutions



Mining Pumps

Applications

- 💧 Process water.
- 💧 Solution Heap Leaching - PLS / ILS & Raffinate pumps.
- 💧 Acidic chemical liquids.
- 💧 Tailing Dam.
- 💧 Wastewater.
- 💧 Drinking water.

L-In Line Pumps

Parts in pressure are made of ductile cast iron, making it the ideal choice to deal up with liquids up to 140°C. Minimum efficiency index > 0,4 for most of the models.

Cast Iron, Stainless Steel ,Bronze, Ductile Iron

- 💧 Maximum Flow Rate: up to 580 M³/H
- 💧 Maximum Head 90m
- 💧 Maximum Power 75 Kw

IR - Close Coupled Electric Pumps

One of SAER's longest-running product series, completely redesigned to offer the highest performance in terms of output and efficiency. Cast Iron, Stainless Steel, Bronze, Super Duplex

- 💧 Maximum Flow Rate: up to 825 m³/h
- 💧 Maximum Head 129m
- 💧 Maximum Power 90 Kw

MG - Stub Shaft Pumps

Solid and reliable design which allows easy maintenance. Easy to disassemble, finds applications in several fields where overall reduced dimensions are required.

Cast Iron, Stainless Steel, Bronze, Super Duplex

- 💧 Maximum Flow Rate: up to 825 m³/h
- 💧 Maximum Head 129m
- 💧 Maximum Power 90 Kw

NCB -Normalized Pumps According To EN 733

Centrifugal pumps meeting EN 733. Various types of seals and wear rings are available. Possibility to couple with diesel engine.

Cast Iron, Stainless Steel, Bronze, Super Duplex, Ductile Iron.

- 💧 Maximum Flow Rate: up to 825 m³/h
- 💧 Maximum Head 129m
- 💧 Maximum Power 200 Kw.



Mining Pumps

NCBK High Flow-rate Pumps Exceeding EN 733

For high flow demanded applications; used for Mining , firefighting, heating and cooling systems, water supply, Heap leaching irrigation and industry ,

Cast Iron, Stainless Steel, Bronze, Super Duplex, Ductile Iron

💧 Maximum Flow Rate: up to 2,300 m³/h

💧 Maximum Head 97m

💧 Maximum Power 400 Kw

SKD High Flow Rate Split Casing Pumps

The pump can also be supplied coupled to a diesel engine. Various types of mechanical and soft shaft seals (standard). Conceived and produced in Italy, as proven by the short delivery times. High efficiency and reliability provide a pump with minimal maintenance costs.

Cast Iron, Stainless Steel , Bronze, Super Duplex Aluminium Bronze.

💧 Maximum Flow Rate: up to 5,000 M³/H

💧 Maximum Head 315m

💧 Maximum Power 1,200 Kw

TM - Multi-stage Horizontal Pumps

Suction body with axial inlet. for applications where high pressure is required. Low noise and high resistance to wear. Top delivery time for all the range.

Cast Iron, Stainless Steel, Bronze, Super Duplex.

💧 Maximum Flow Rate: up to 850 m³/h

💧 Maximum Head 642m

💧 Maximum Power 710 Kw

TMB Multi-stage Horizontal Pumps

Suction body with radial inlet. Used in water plants supply, irrigation systems, refrigeration, heating, snowing, etc.

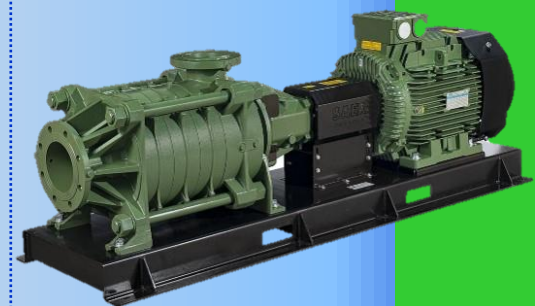
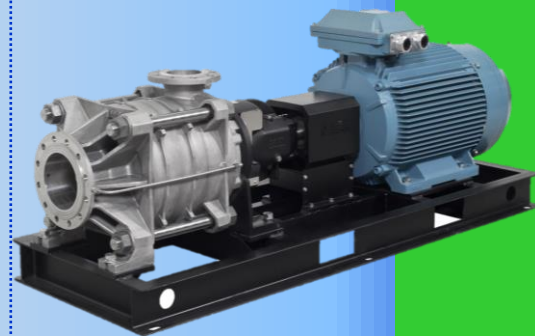
Oversized ball bearings improve resistance to wear.

Cast Iron, Stainless Steel, Bronze, Super Duplex.

💧 Maximum Flow Rate: up to 850 m³/h

💧 Maximum Head 642m

💧 Maximum Power 710 Kw



Mining Pumps

TMV Multi-stage Vertical Pumps

Suitable anywhere high pressure is required, such as lifting, refrigeration or heating plants, artificial snow or irrigation, washing systems and boilers. Low noise and high resistance to wear, thanks in part to the oversized ball bearings. Possibility to change outlet and inlet orientation. Various types of mechanical or soft shaft seals.

Cast Iron, Stainless Steel, Bronze, Super Duplex.

- 💧 Maximum Flow Rate: up to 310 m³/h
- 💧 Maximum Head 403m
- 💧 Maximum Power 200 Kw

MK - Multi-stage Vertical Pumps

Compact, multi-stage vertical pumps, suitable for applications where high pressure is required. MKM version with reduced overall dimensions and reduced costs.

Cast Iron, Stainless Steel,

- 💧 Maximum Flow Rate: up to 110 m³/h
- 💧 Maximum Head 394m
- 💧 Maximum Power 55 Kw

Submersible Pumps

Pumps extremely reliable even in hard conditions, as well as facilitating maintenance. Radial and Semiaxial versions, from 4" up to 14".

Cast Iron, Stainless Steel, Bronze, Super Duplex.

- 💧 Maximum Flow Rate: up to 800 m³/h
- 💧 Maximum Head 955m
- 💧 Maximum Power 300 Kw

SD Submersible Waste Water Pumps

Coming from SAER unmatched knowledge in the borehole pumps and submersible motors field, the brand new SD series, submersible wastewater pump is now reality. Designed for managing waste, raw and sewage water.

Cast Iron, Stainless Steel, Bronze, Super Duplex.

- 💧 Maximum Flow Rate: up to 800 m³/h
- 💧 Maximum Head 955m
- 💧 Maximum Power 300 Kw



Mining Pumps



Mining Pumps

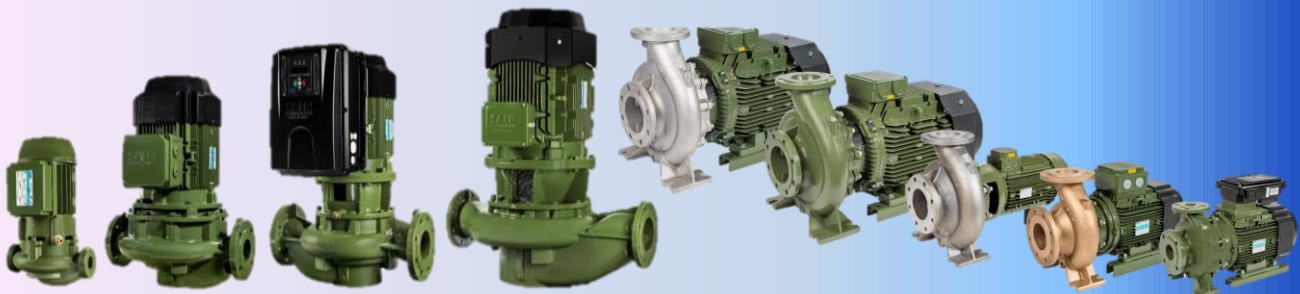


Mining Pumps



Pumping solutions for mining and mineral processing.

SAER mining industry pumps are built for extended operation in the toughest environments. They are suitable for underground dewatering, water treatment, dust suppression, processing, water transfer, drainage, Acids etc. and are constructed from corrosion-resistant Duplex or AISI 316 Stainless Steel or Bronze Marine as appropriate – and all styles can be customized to suit your exact application.



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