

The right solution
for **STEEL MILLS**



caprari

Our Technology and advantages

VERTICAL LINESHAFT PUMPS

P Series

Quality and flexibility of use

Surface motor -> simplicity of maintenance and high efficiency

Simplicity of installation, compact size and saving on the cost of construction work

Capacity up to l/s 5000
Head up to m 250
Power up to MW 3



ELECTRIC SUBMERSIBLE SEWAGE PUMPS

K+ non-stop Series

Extremely sturdy and compact

Highly efficient and maximum reliability in heavy duty conditions

Remarkable energy savings and reductions in maintenance costs

Non-stop system: anti-clogging solution

Capacity up to l/s 710
Head up to m 66
Power up to kW 180



non stop **K+**

DRY INSTALLED SEWAGE ELECTRIC PUMPS

K-Kompact non-stop Series

Advanced solutions from Caprari result of innovative technology designed for dry chamber installations and designed and made to handle residential and industrial wastewater

The non-clogging hydraulic part and generously sized free passages avoid down times and costly maintenance work

Capacity up to l/s 750
Head up to m 66
Power up to kW 200



HIGH PRESSURE MULTISTAGE HORIZONTAL PUMPS

PM Series

Reliability and low costs for both operation and maintenance

High hydraulic efficiencies

Capacity up to l/s 160
Head up to m 1000
Power up to kW 650



NORM PUMPS

NC Series

Conform to EN733 (DIN24255) and exceeding

Built with BACK PULL OUT system and mechanical seal

Materials : CAST IRON, AISI 316 STAINLESS STEEL and DUPLEX

Capacity up to l/s 300
Head up to m 100
Power up to kW 160



SPLIT CASE PUMPS

SCC Series

High efficiency, reliability and sturdiness

Easy maintenance

Capacity up to l/s 780
Head up to m 150
Power up to kW 1120

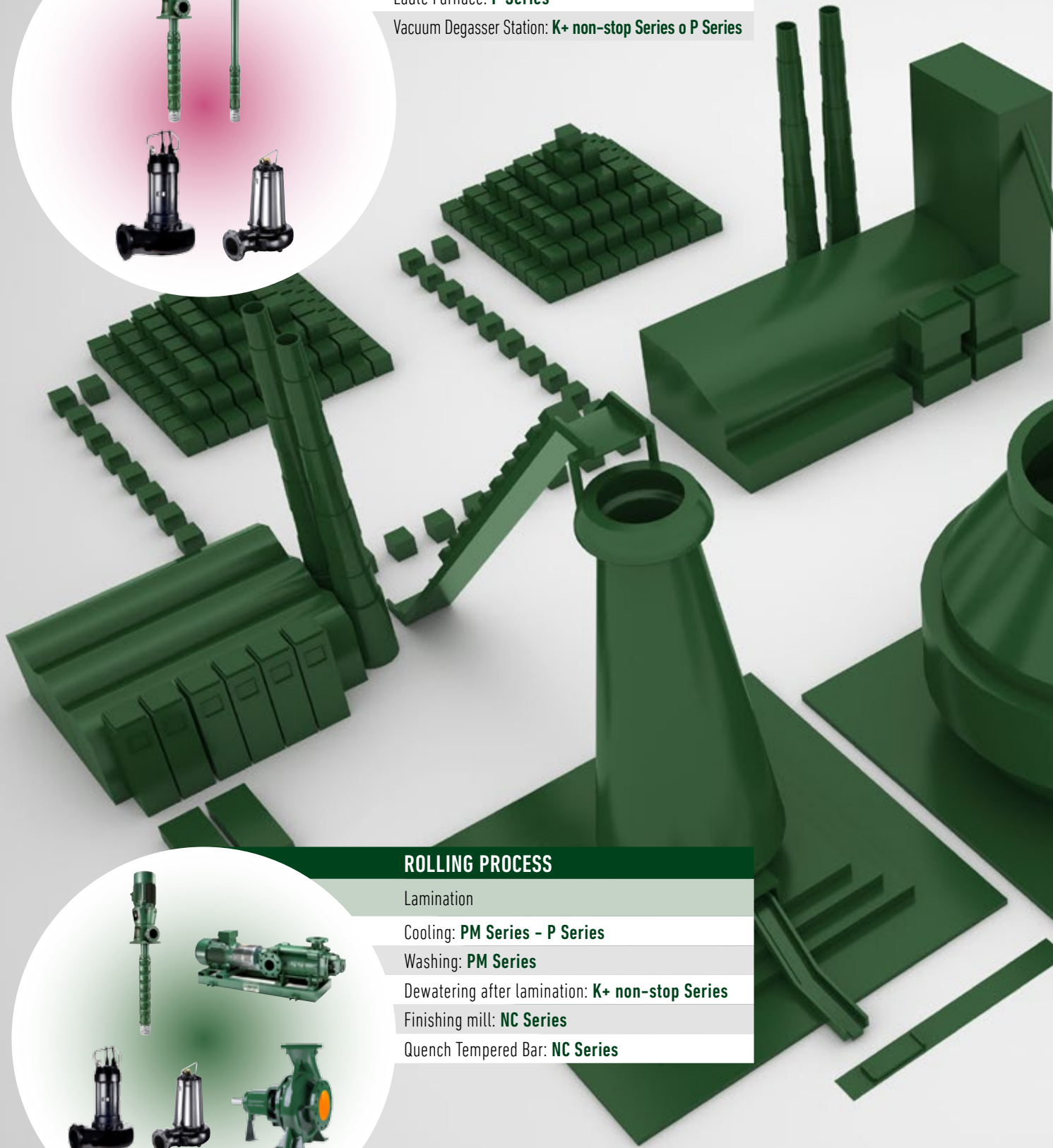


STEEL MAKING

Conversion of hot metal into crude steel

Ladle Furnace: **P Series**

Vacuum Degasser Station: **K+ non-stop Series o P Series**



ROLLING PROCESS

Lamination

Cooling: **PM Series – P Series**

Washing: **PM Series**

Dewatering after lamination: **K+ non-stop Series**

Finishing mill: **NC Series**

Quench Tempered Bar: **NC Series**



EMERGENCY AND COOLING SERVICE

NC Series

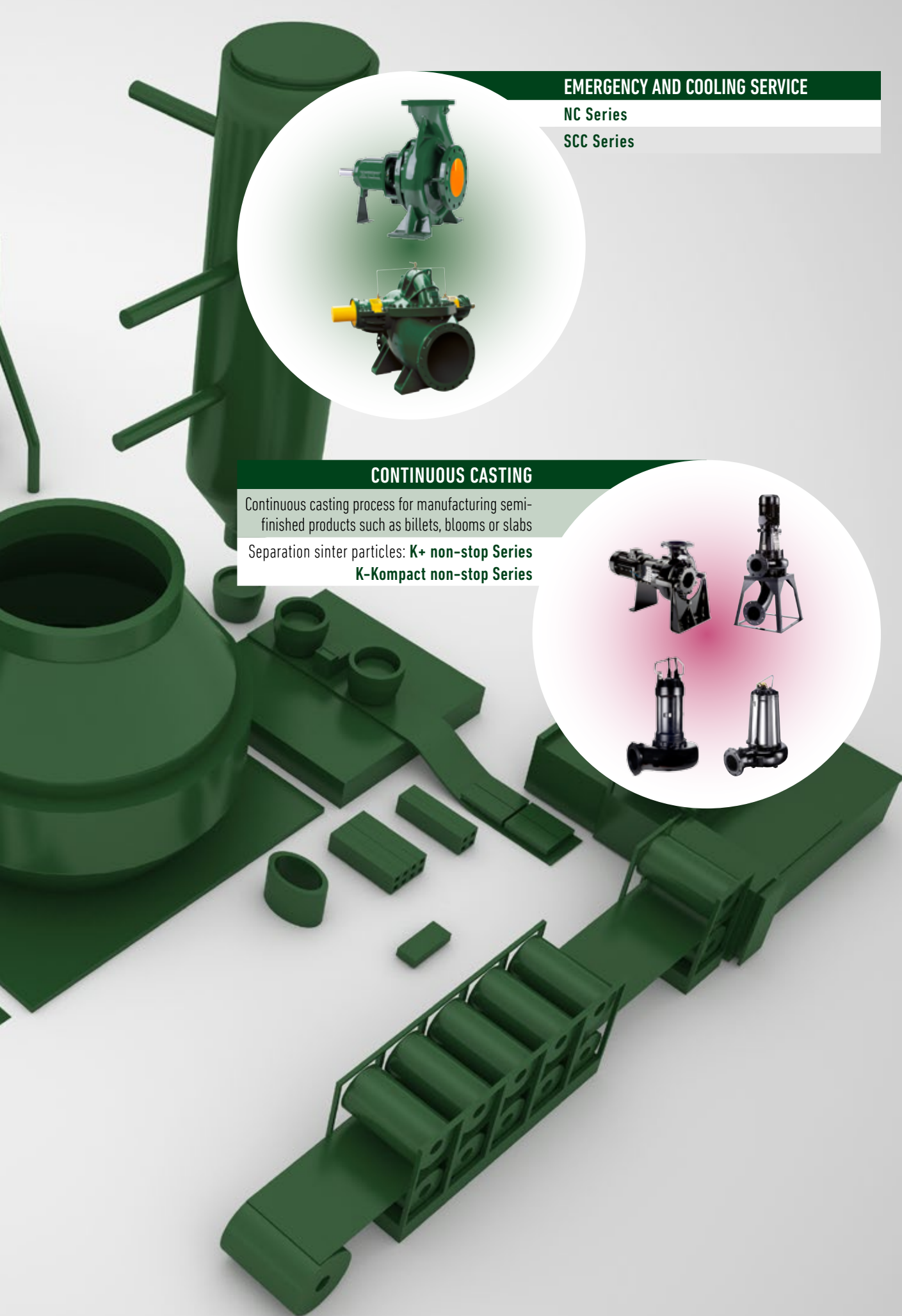
SCC Series



CONTINUOUS CASTING

Continuous casting process for manufacturing semi-finished products such as billets, blooms or slabs

Separation sinter particles: **K+ non-stop Series**
K-Kompact non-stop Series





Our Group

Choosing **Caprari** means choosing excellence.

Established in 1945, Caprari is a global leader in the production of **reliable, high-efficiency centrifugal pumps and electric submersible motors** and in the creation of **advanced solutions for managing the integrated water cycle**.

Our Products

Caprari offers a **complete range of highly specialized products** to cover the collection, distribution, treatment of water and industrial sector. Focusing on reliability and efficiency through continuous innovation and advanced manufacturing technology, Caprari is ensuring **sustainable energy-savings and lowest possible life cycle costs** for its customers.

Our Experience

From selection support to commissioning, **Caprari accompanies its customers on every step along the way**, thoroughly analyzing their requirements and **offering targeted, reliable and technologically advanced solutions**.

Customers can benefit from **iPump®**, a **user-friendly web portal for selection, proposal, training and assistance**, dedicated to professionals in the water sector.

Our Projects

Project MOBAREKEH STEEL COMPANY

Country Iran

Supply No. 40 Vertical Lineshaft pumps - $P_2 =$ from 55 to 250 kW

Description The vertical line shaft pumps are used for cooling water circuit and emergency circuit of Mobarakeh steel factory that is the largest steel mill of MENA (Middle East & Northern Africa) region and one of the largest industrial complexes in Iran. The pumps have been selected and built in order to grant the maximum reliability in a heavy duty ambient. The customer was experiencing many troubles with the existing equipment for different reasons: high water temperature and site altitude (around 2.000 m above sea level) required pumps with a low NPSHr value; high flow rate and head involved needed high hydraulic and electric efficiencies in order to minimize the run costs; water analysis highlighted also the necessity of specific stainless steel grade material for shaft and coupling to have both high resistance to corrosion/erosion action and high reliability in the transmissible power. Caprari has been able to design with the customer the proper solution supplying more than 40 units in 5 years to renovate completely the existing pump units.



Project RAJHI STEEL INDUSTRIES

Country Saudi Arabia

Supply No. 46 Norm pumps - $P_2 =$ from 2,2 to 160 kW

Description Construction of a new facility for the production of steel. The electric pumps are installed in the cooling, filter backwashing processes and filtering systems. The machines are treated with a special paint coating able to withstand the metal dust created by the manufacturing processes.



Engineered Solutions

To go beyond
your expectations

After Sales Network

Worldwide support
whenever you need it

Training

Share our expertise:
70 years of pumping experience



OUR EXPERIENCE
The right solutions
for your success

Certified Quality System
100% guaranteed excellence
with every pump supplied

ISO 9906 Tested Units
100% guarantee
of requested performances

Selection Support
To match the right product
with your application

1945
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