



Marine & Offshore

Solutions for an evolving industry

In the global marketplace, our customers, investors, partners value our products and services for two reasons: excellence and reliability. In Rossi S.p.A., a company of the Habasit Group, we have made of change a strategic lever for our growth. "Solutions for an evolving industry" fully expresses our corporate philosophy: we are a flexible and dynamic reality, able to satisfy all requirements of a continuously evolving industrial world thanks to our innovative solutions.

Cutting-edge manufacturing

When it comes to high-performance and ground precision gear manufacturing, technology and experience are everything. Cutting-edge technology without experience can limit the benefit the final product has for the end user which is why we continue to take pride of our work. Cutting-edge technology can be bought, but how you control it is earned through experience.

Specialized housing machining

High performance needs to be supported with important equipment and knowledge. For this reason, we dedicate special attention to machining all components, including housings for big sizes. High quality standard requirements can be reached using cutting-edge technology.

Test controls

Systematic, extensive controls on every stage of the process (from materials to final controls under load using computerized brakes at the end of the assembly line) and their productivity allow quality to be produced and not just achieved through selection, and permit monitoring and improving the process itself. In addition customers can trust our solutions which have been fully tested and run in our testing room, being operationally certified before on site commissioning.



Our experience in Marine & Offshore

Leading through excellence and innovation

With years of experience in the design, manufacture and commissioning of gear reducers and gearmotors, we are among the world leaders.

Over the years, the excellence that has always distinguished our products has allowed us to establish important partnerships with leading groups in the industry.

High quality products

Experience and know-how have led us to become a reference supplier for the high-quality products we realize, in combination with specific turnkey solutions. For over 60 years we have understood that experience in sector like this is a key factor to develop solutions for the future.

The power of knowledge

Experience and knowledge does not only mean to know what is needed in the specific application, but also how to support customers during all design and dimensioning phases. We continue to develop our experience and share our knowledge with our customers to find the solutions.

The information that we make available includes:

- expected bearing life calculation;
- finite element analysis;
- torque calculation;
- shared design capabilities with customers.

In Rossi we share our know-how to support every kind of application and exigence.



Global presence local service



Local support

Sales, customer service,
technical support, spare parts



15 branches*



Worldwide distribution network*

A global network of subsidiaries and dealers. From design and execution to after-sales service. Rossi is always close to you: a local, reliable and flexible partner.

Alongside our 24/7 **Rossi for You** portal you have a suite of digital support tools enabling real time access to your order tracking, invoices, spare part tables download and contact to our service.

*All contacts available on www.rossi.com



United States

Suwanee, GA



Brazil

Cordeiropolis, SP





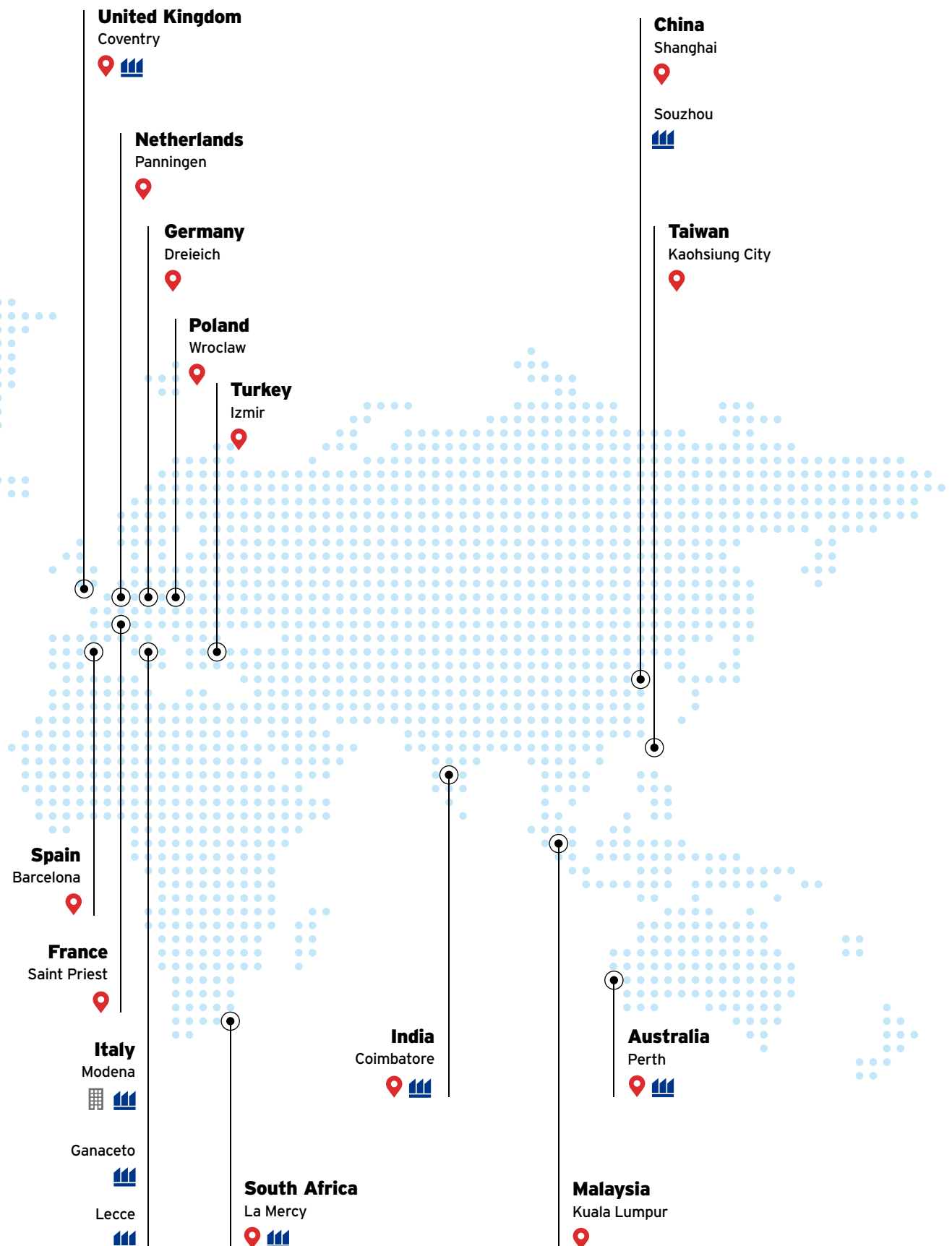
Headquarters



Branches



Production facilities/Assembly plants

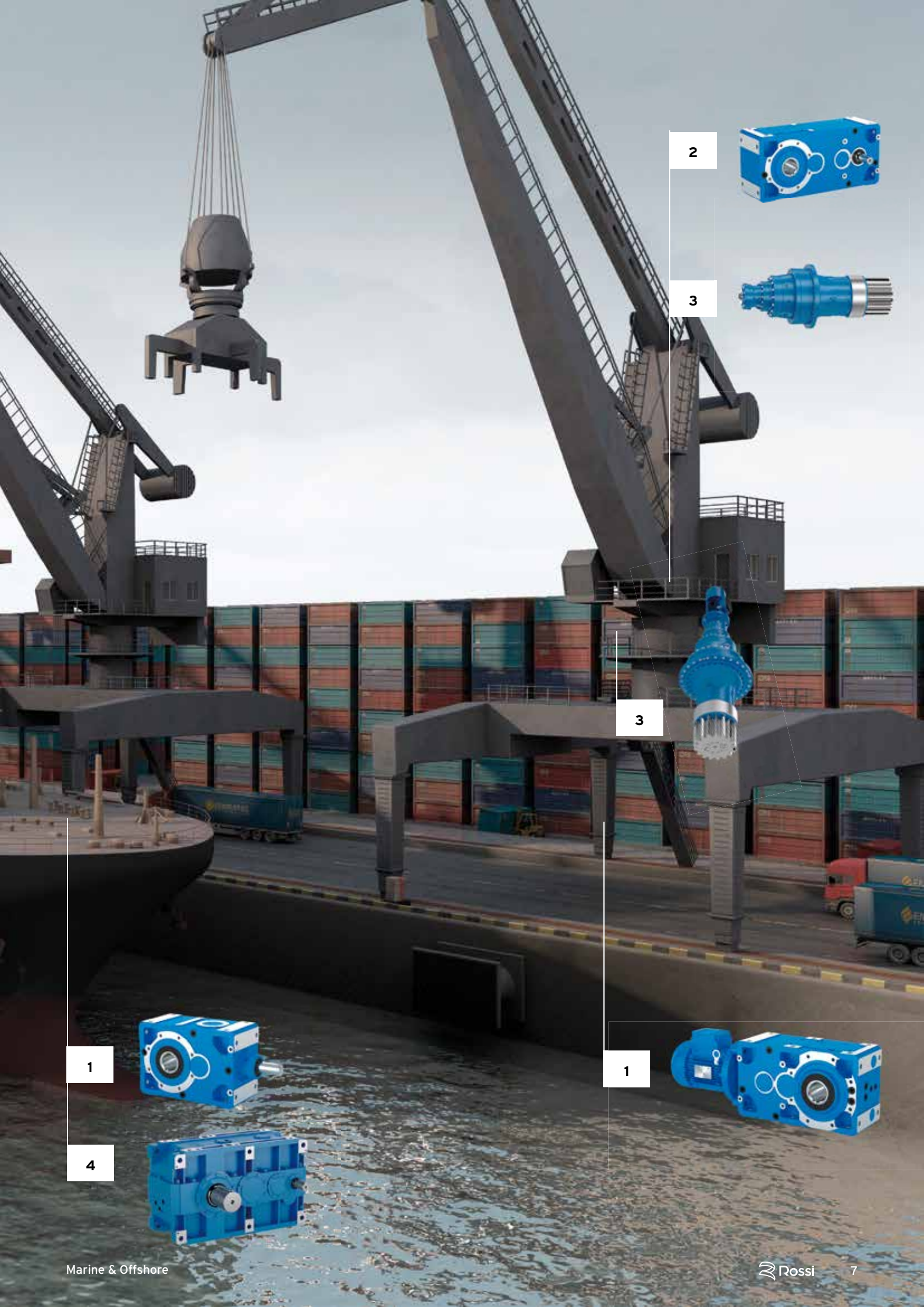


Applications



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|---|---|
| 1 | G series , helical and bevel helical gear reducers and gearmotors |
| 2 | G series , helical and bevel helical gear reducers and gearmotors "Long version" |
| 3 | EP series , planetary slewing gear reducers and gearmotors |
| 4 | H series , helical and bevel helical gear reducers |



2



3



3



1



4



1



Rossi products for marine industry



EP Series

Planetary gear reducers and gearmotors

24 sizes (from EP 001 to EP 3000)
Nominal torque up to 3.000.000 Nm

- In-line and right-angle configuration
- Wide range of accessories and options
- Modular design
- Suitable for flange, foot or shaft-mounting
- Very compact size with high torque density
- Full range of hydraulic fail safe brakes



EP Slewing Series

Planetary gear reducers and gearmotors

10 sizes (from EP 007 to EP 250)
Maximum torque up to 425.000 Nm

- All benefits and options of the EP Series, in particular all the reduction ratios
- 3 output types for slewing applications (dual pilot flanged, dual pilot compact, single pilot front flanged)
- Customizable pinion geometry



G Series

Helical and bevel helical gear reducers and gearmotors

20 sizes (from G 40 to G 401)

Nominal torque up to 103.000 Nm

- Helical and bevel gear with ground and optimized tooth profile
- Single piece housing with high structural stiffness
- Flexible mounting arrangements
- Easy and functional shaft-mounting designs
- Wide range of standard accessories and options
- Helical "long" versions with increased distance between input and output shafts specially suitable for cranes



H Series

Helical and bevel helical gear reducers

12 sizes (from H 4000 to H 8001)

Nominal torque up to 1.000.000 Nm

- Helical and bevel gear with ground and optimized tooth profile
- Split housing; nodular cast iron frame
- Flexible mounting arrangements
- One of the widest range of large gear reducers produced in series
- Customized solutions on request starting from a standard modular design



Combined Units

Planetary gear reducers and gearmotors

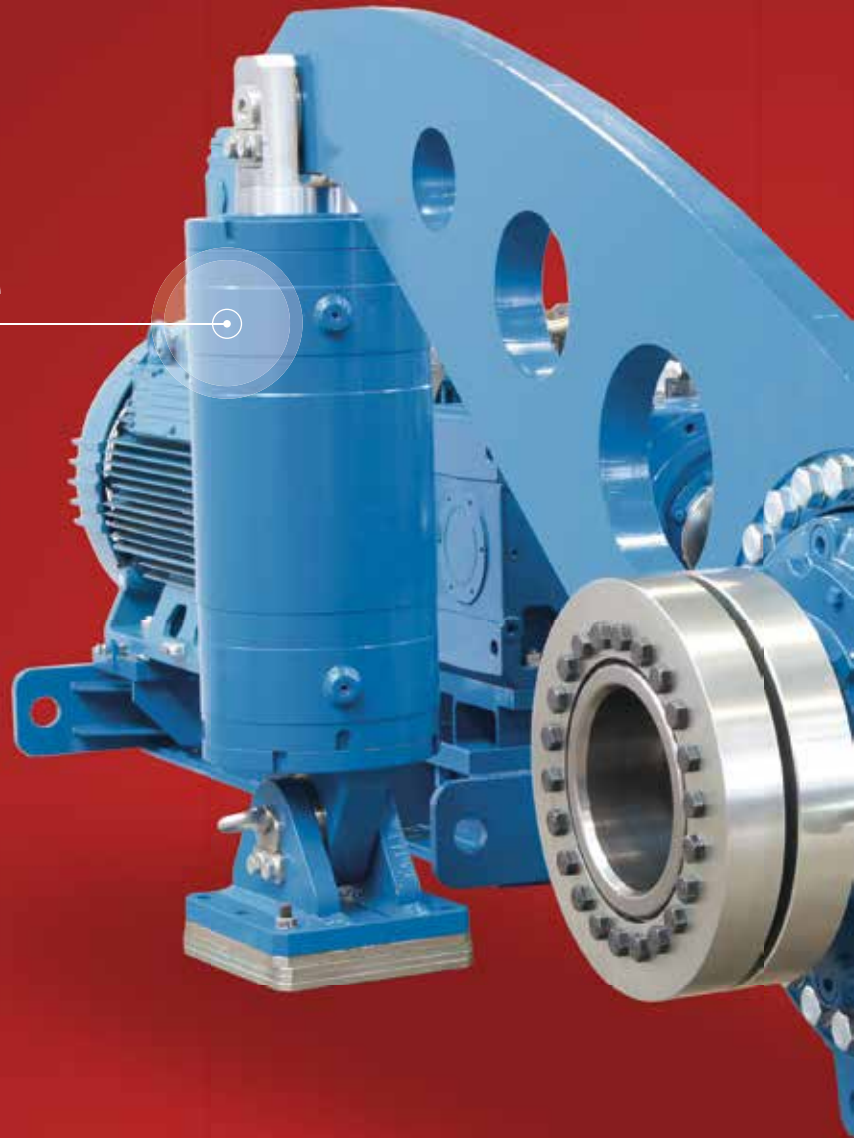
24 sizes (up to EP 3000)

Nominal torque up to 3.000.000 Nm

- EP Planetary Series can be combined with the full range of helical and bevel helical, worm and coaxial Series
- Easy customization
- Interchangeability
- Flexibility and adaptability to specific application needs

Ship unloader drive

- Flexibility
- Reliability
- Specially designed



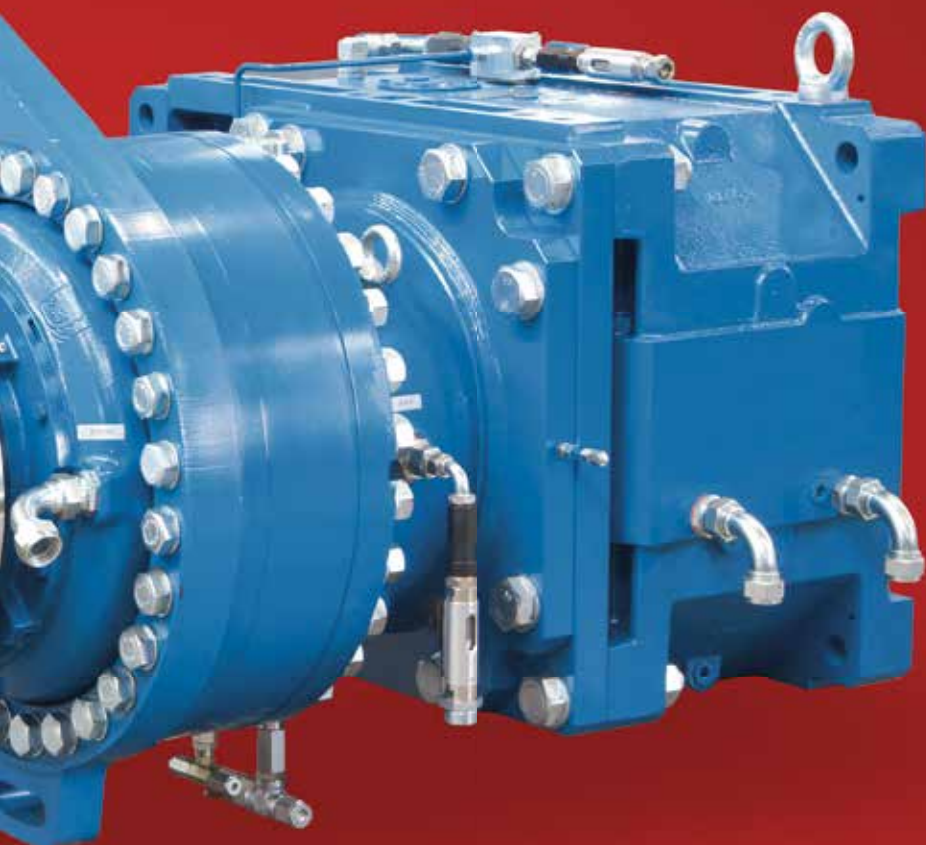
Our customized solutions

Ask us whatever you need

Modularity can be considered the foundation of Rossi. Modular products and “modular” processes allow us to engineer a solution for almost every industrial application requiring a gearmotor or gear reducer. To us, modularity means flexibility, wide range of options, faster delivery, and most important of all, competitiveness. Even more it allows for assemblies in any assembly facility with almost limitless configurations allowing us to deliver solutions, regardless if it comes to supply a standard unit or an engineered one, in a cost effective manner.

This capability is made possible through our ability to understand the customer's requirements and translate the needs of that customer into a commercially and technically acceptable solution.

Of course our modular approach doesn't stop at the delivery of a product or solution. For us this is just the start, with strong online support systems our customers have access to leading interactive product and service care.



Our project management

Once the order is assigned, a dedicated team with specific and skilled technicians provide application support offering assistance and innovative solutions during design phase.

Customer order management

We ensure that all processes within the IT platform are designed with rapid transfer of data needed for internal processes as well as for the management

of the order by the customers themselves. we have chosen to operate with Oracle's JD Edwards EnterpriseOne. This facilitates order management on one platform for both the customer and our staff anywhere in the world. Through a standard operating platform we are able to configure customers unique forecasting, shipping standards, transportation sequence and reporting processes in coordination with commercial contracts and associated quality control documentation - all integrated to one ERP system.

From technology to solutions

Designed for a world in motion Rossi has the right experience to satisfy all customer needs and guarantee efficient technologies whether it is a product or a dedicated application.

We are focused on quality to improve speed, reliability and safety for the modern ports tend to be multimodal distribution hubs, with transport links using sea, river, canal, road, rail and air rout.

Our solutions have been tested and certified extensively in various configurations and under the realistic conditions.

Our products include typical features for Marine and Offshore ambient like high durability paint protection in accordance to ISO 12944-2 in a wide range of colors.



We collaborate with major Classification Societies (DNVGL, BV, ABS...) to provide Type, Product and Design Certification for our products and complete drive units.

Rossi for You



Innovation

Rossi offers a wide range of solutions for an evolving industry, flexible and innovative gearboxes and gearmotors for customer tailored solutions to maximize performance and minimize the Total Cost of Ownership.



High quality, 3 years warranty

Our drive is to innovate and boost operations by manufacturing performing, precise, reliable and high-quality products all over the world. We are always one step forward in offering and developing solutions that can satisfy an unlimited number of application needs, even in the most demanding conditions.



Reliable

We are a reliable company with the right flexibility and know-how to respond to worldwide market requests, in all application fields, without leaving aside our commitment for the environment and value on human safety, to protect everyone's future.



Tools and processes

We continue to invest in new tools and processes, so our highly skilled specialist team in different fields are supporting you to find the best solution suitable for your demands, always by your side on every step of the project.



After-sale service

Highly trained mechanics and support teams can ensure a fast and efficient after-sale service providing support worldwide.



Digital support

Alongside our 24/7 Rossi for You support portal you have a suite of digital support tools enabling real time access to your order tracking, invoices, spare part tables download and contact to our service.



Experience

Shaped by more than 60 years of history Rossi meets your unique needs whether you need a standard design or a customized solution.





Best experiences

Main applications developed

Deck machinery

Mooring, Anchor, Fishing winches

Cranes

Harbor cranes, Gantry cranes, Crane Barges

Pipe and Cable Laying equipment

Tensioners, Carousels, Reels



Solutions for
an evolving
industry

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