

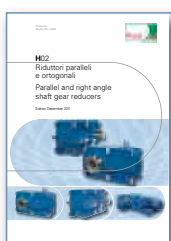
Marine industry

Power Transmission Solutions
for marine technology

Edition October 2015



- Over 60 years of market leading product design and innovation
- Rossi Quality backed by our 3 year warranty as standard
- Technically driven solutions specific to individual projects be they for volume or one off applications
- Rossi Engineering Project Management to take care of every aspect of design, production and delivery, and requirements of Classification Societies: Bureau Veritas, DNV-GL, etc.



H series

- Torque rating 90 to 1700 kN m
- Helical and bevel helical gear units with 2, 3 and 4 stages
- Ground helical and spiral bevel gearing
- Horizontally split cast iron gear housings
- 10 gear reducer sizes, from 400 to 631
- Engineered solutions up to 1700 kN m
- Output shaft size Ø 190 mm to Ø 460 mm



G series

- Torque rating up to 90 kN m
- Helical and bevel helical gear units with 2, 3 and 4 stages
- Ground helical and spiral bevel gearing
- Single piece cast iron gear housings
- 18 gear reducer sizes up to 360, Ø 180 mm output shaft
- Strong compact design with multiple special features
- Gearmotor design up to 185 kW, without high speed coupling



EP series

- Torque rating up to 710 kN m
- 20 gear reducer sizes from 001 to 710
- Engineered solutions up to 3000 kN m shaft up to Ø 600 mm
- Ground planetary and spiral bevel gearing
- Modular design for multiple stages and high reduction ratios
- Output shaft size Ø 38 mm to Ø 320 mm



EPS Slewing drives

- Torque rating up to 250 kN m
- Standard and bespoke output support design
- Solid output shaft and/or pinion shaft with a wide choice of module / tooth number combinations



Combined units planetary and helical/bevel helical gearboxes

- Torque rating up to 710 kN m
- For compact high torque / high power applications
- Output shaft size Ø 240 mm to Ø 320 mm

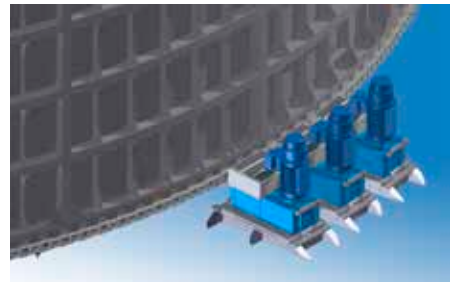
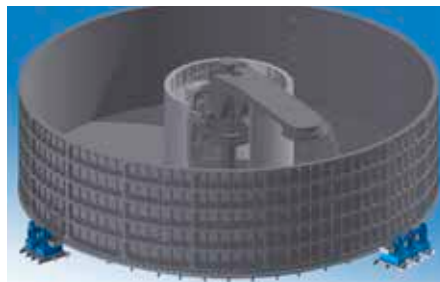
an offer

- Sturdy and reliable design successfully proven in harsh environments
- Marine class Paints in accordance to ISO 12944-2 corrosive class
- Solutions targeted to marine applications
- Stainless steel labyrinth seals
- Wide portfolio of product families with dedicated accessories, among them :

Winch drive



Carousel drive



Carousel drive



Dolly base drive



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⁽¹⁾ The certification means that finished wood-based products in the marketplace have been handled by companies that have also been certified and that the paper has been handled in an environmentally-friendly manner.

FSC

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