



COMPANY PROFILE

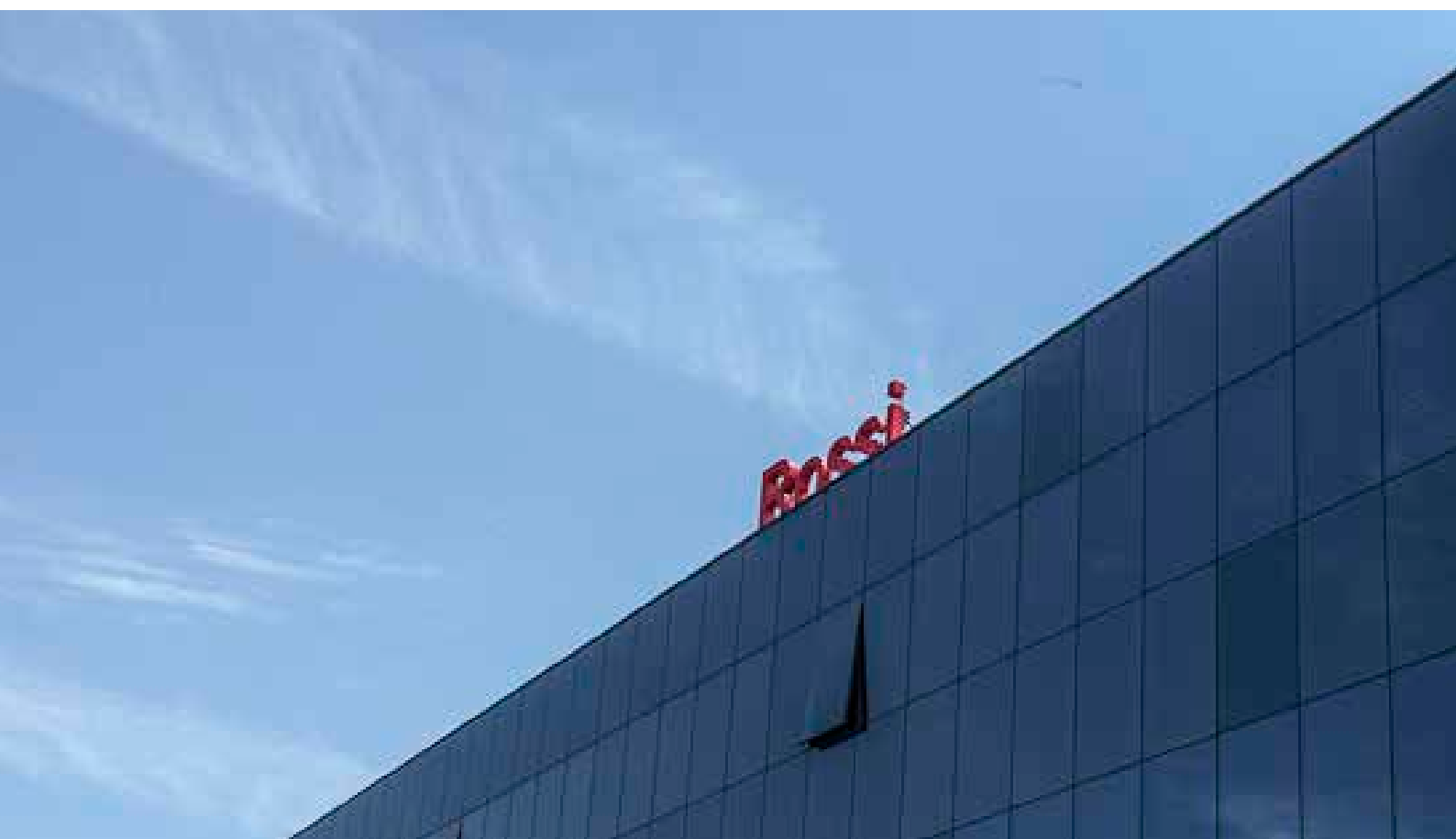
Cutting edge solutions for industrial applications of gear reducers and gearmotors





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WHO WE ARE

Rossi, founded in 1953, is a leading company in the sector of gear reducers and gearmotors.

Since 2004 Rossi is a member company of the Habasit Holding Group based in Reinach (BL), Switzerland, which is a world leader in its sector and owns 100% of Rossi stock capital.

Rossi is located in and expresses the industrial culture of Modena, Italy's capital of precision mechanics and the world's capital of sports car production with Ferrari, Maserati, Lamborghini, Bugatti, Pagani and Dallara.

Modena is also considered to be the worldwide capital of the ceramics industry and is the native land of illustrious artists such as famous tenor Luciano Pavarotti.

Over its 60 years in business, in this environment that is abundant with resources offering creativity and specific skills, Rossi has developed know-how and experience that has enabled it to lead its market, because of the excellence of its products and of the industrial solutions it offers.



Rossi was the first gear reducer manufacturer to introduce surface grinding of all gears, the third European gear manufacturer to obtain ISO 9001 certification, and the first to develop the concept of the single-piece housing gear reducer.

Product quality, innovative solutions, technical skills, investments in research and development, and advanced technologies have been Rossi's distinguishing traits ever since it was founded.

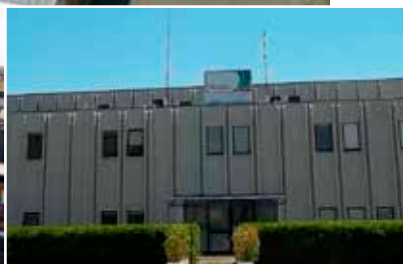
Rossi invests at least 5% of its turnover into the development of new products, services and processes that enable the company to enjoy a competitive advantage and be a leader on its market. Production facilities are equipped with advanced machinery and equipment, and are constantly upgraded.

Continuous innovation, a commitment to ongoing improvement, and the highest consideration for the customer's requirements have enabled our company to consolidate its image over the years as a reliable, competitive partner, on the worldwide level.

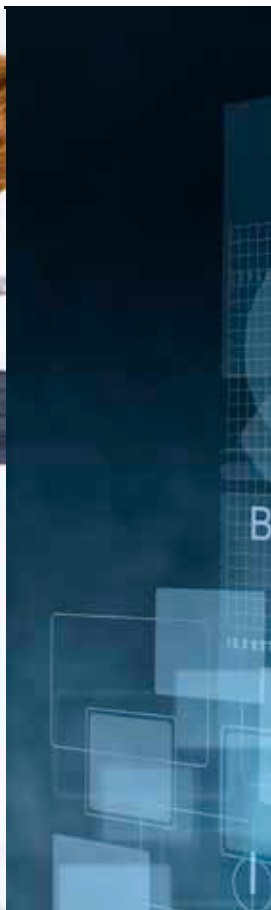


A TIMELINE OF OUR HISTORY

Rossi Motoriduttori is founded by Gilio Rossi	Operations are expanded and moved to the current headquarters	Quality becomes the company's principal goal Surface grinding of all gears is introduced	First on the market to develop a new series of gear reducers with a universal mounting system and a single-piece housing	New subsidiaries in Germany, England and France	Acquisition of SEIMEC, an Italian motor manufacturer New subsidiary in Australia	Acquisition of SMEI, an Italian manufacturer of planetary gear units
1953	1965	1970	1980	1986	1992	2002
					1994 ISO 9001 certification New subsidiary in Spain	
					1997 First in Europe to offer a 3-year warranty on all products	



New subsidiary in India	Development of a new line of industrial use planetary gear units	Doubling of the production facility in Lecce, with introduction of new technologies				
2005						
Habasit Holding AG, a company based in Reinach (BL), Switzerland, acquires 51% of Rossi capital	Development of a new line of electric motors	Habasit Holding AG acquires the remaining portion of Rossi capital			USA opens new Headquarters	New subsidiary in Brazil
2004						
New subsidiaries in China and USA	Expansion of the production facility at Ganaceto (Modena), with introduction of new technologies	Merger of SMEI and SEIMEC into Rossi by takeover	Brand is changed from Rossi Motoriduttori to Rossi	New subsidiaries in Benelux, Poland, Turkey, South Africa, Malaysia and Taiwan	Development of new, extra-large helical/bevel helical and planetary gear reducers and an increase in performance	Start-up of a new center for manufacturing housings in extra-large sizes, complete with measurement system
2003	2008	2009	2010	2012-14	2014	2015



MISSION

We're a leading worldwide supplier of gear reducers and gearmotors with remarkable value for money.

Customer satisfaction is the yardstick we use to measure our success.

We're committed to:

- Pursuing excellence in every facet of our operation.
- Fostering innovation
- Standing by the customers' side and helping them develop their business
- Offering our employees a satisfying job and the opportunity to grow professionally.
- Creating value for our partners, employees and stockholders.

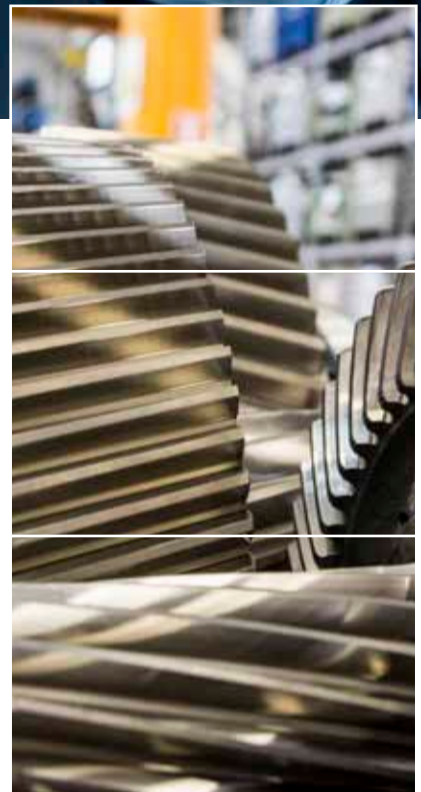
We believe that the ability to excel requires:

- Integrity
- Ethical behavior
- Straightforwardness
- Knowledge
- Creativity
- Competence
- Teamwork



VISION

Our dream is to make the quality and the innovative design of our solutions so attractive that customers consistently prefer the product lines we offer.



leadership
honor
community
axiology
organization
rule
ethic
metaethics
behaviour
prescriptive
understand
proposition
Wrong
descriptivism
behavior
deontology
company
practices
socialcode
compliance
utilitarianism
pragmatic
psychology
decision
regulation
ethics
motivation
management
eudemonism
meta
science
synteresis
principled
principles
guidelines
action
moralism
egoism
truth
applied
conscience
casuist
good
value
responsibility
ethos
corporate
morality
honorable
study
judge
character
casuistry
representation
meta-ethics
relational
human
theory
professional
conduct
work
evolutionary
belief
amoralism
comparative
virtue
philosophy
justify
responsible
hedonism
perspectives
strategy
ideals
integrity
ethical
goals
bioethics
conducting
information
corporate
business
right
abstract
definition
fair-trade
dilemma
values
descriptive
field
morals
choice
normative
attitude
contemporary
standards
idea
people

OUR VALUES

Our organization works in compliance with Codes of Ethics and Discipline that are available for viewing on our website. In particular, they emphasize:

- Doing one's job in compliance with all applicable laws and regulations.
- Acting with a spirit of mutual respect.
- Meeting moral and social obligations.
- Complying with regulations on the protection, health and safety of people.
- Conserving resources and protecting the environment.
- Refusing to make decisions based on personal self-interest.
- Contributing to the development of the local communities where we operate, with the adoption of a code of ethics that ensures commitment, honesty, propriety and respect for rules.



very strong income performance





ROSSI GROUP BY THE NUMBERS

2014 Turnover	131 mil. Euros
Employees	over 750
Production volumes	150,000 gear reducers and gearmotors, 100,000 electric motors
Percentage exported	over 60%
Subsidiaries	15
Assembly centers abroad	8
Present in	over 50 countries
Production facilities	3
Authorized distributors and service centers	approx. 250



HABASIT HOLDING GROUP BY THE NUMBERS

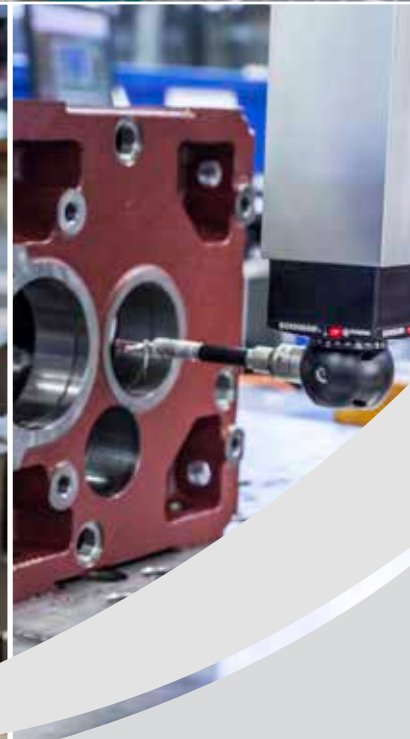
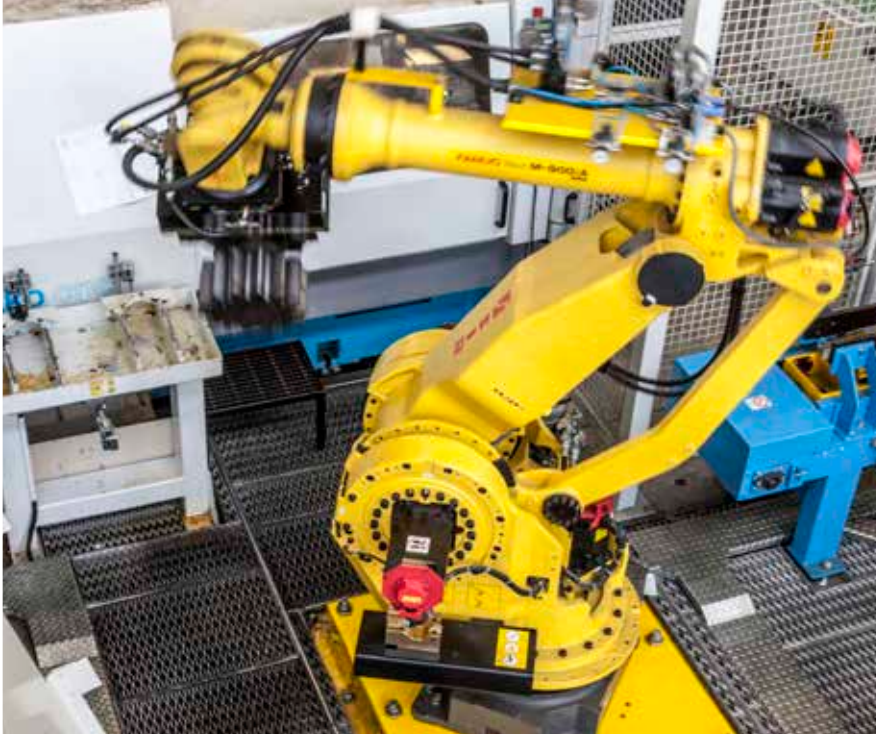
2014 Turnover	793 mil. CHF
Employees:	over 3,300
Percentage exported	95%
Subsidiaries:	38
Assembly centers abroad	38
Present in:	over 70 countries
Production facilities:	17
Authorized distributors and service centers	approx. 250



HOW WE CREATE ADDED VALUE FOR OUR CUSTOMERS

- Outstanding product quality and reliability
- Competitive cost of ownership
- 3-year extended warranty on all products
- Wide range of products
- Superior customized solutions, with complete drive units available
- State-of-the-art gear design and execution, for high efficiency and long service life
- All critical components designed and manufactured internally
- State of-the-art technologies and facilities
- Proven experience in the majority of the applications in numerous industrial sectors
- Assembly and service around the world
- Competent, dedicated teams of engineers, technicians and fitters to support the customer's project
- On-line product calculation and selection tool
- "Rossi for You" - a special web portal which allows you to obtain information directly about your transactions with Rossi and to view related information and drawings
- On-site service and commissioning
- On-site training for your staff
- AGMA Calculations and Certificates
- ISO 9001
- 24/7 emergency help line







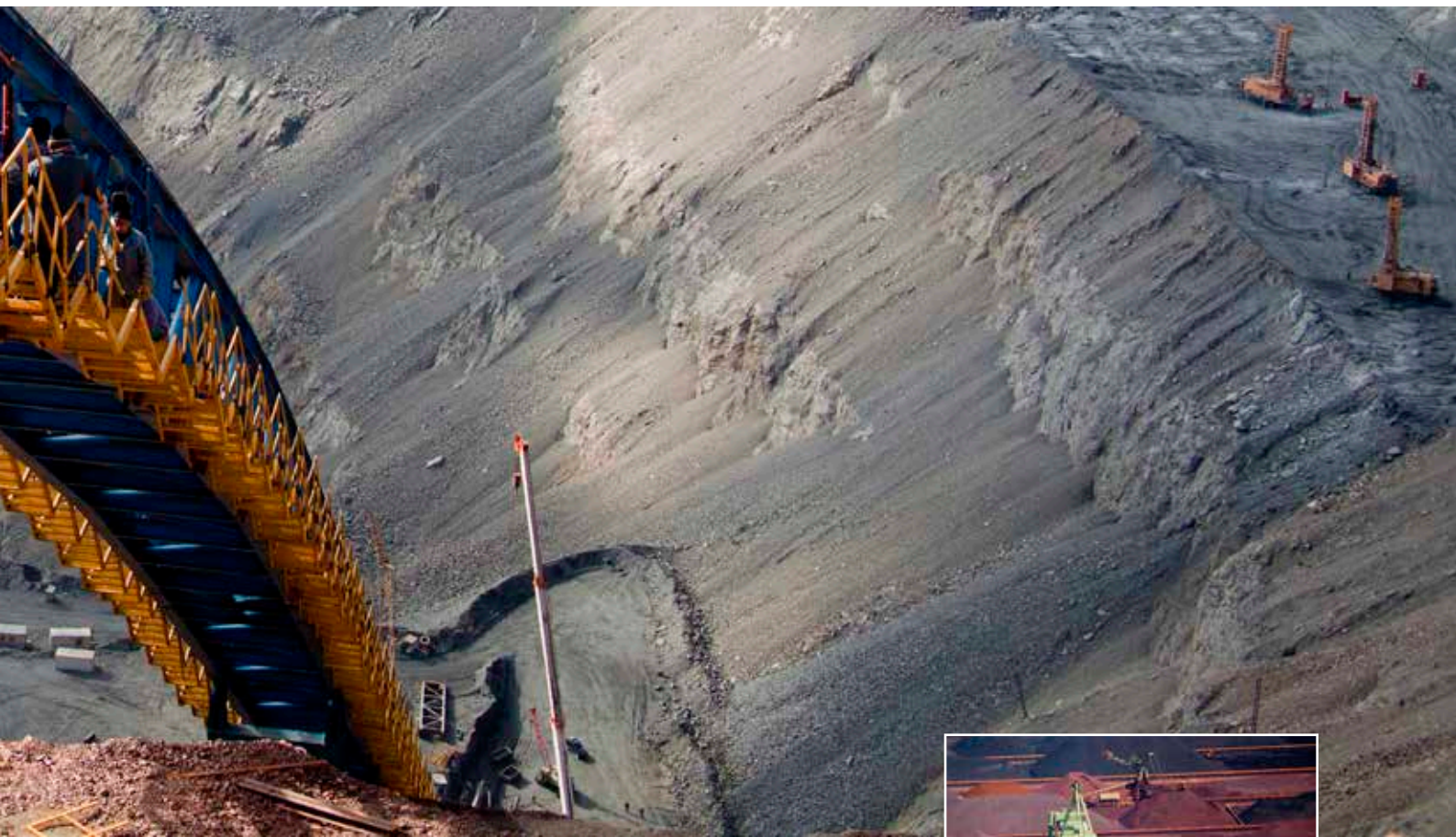
OUR MAIN INDUSTRIAL SEGMENTS

With over 60 years experience in the design, manufacturing and commissioning of gear reducers and gearmotors, Rossi has become a power transmission leader in all industrial segments.

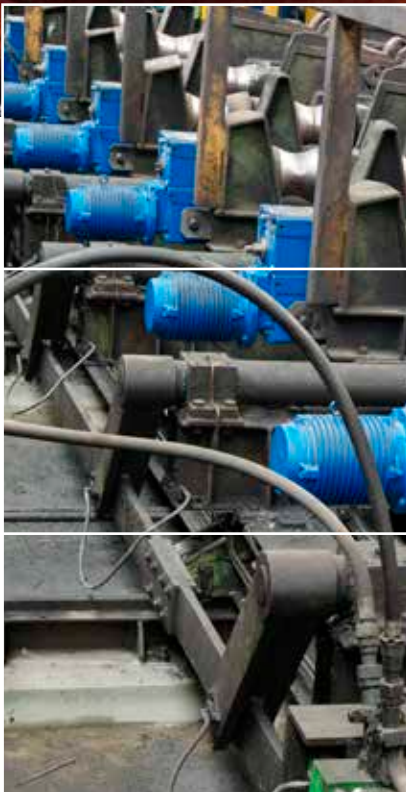
Rossi has forged many strategic partnerships with leading companies and OEM in various sectors throughout the world.

Relationships forged from Rossi's know-how and expertise, offering turnkey solutions for nearly every application.

Rossi smart solutions, thanks to product designed around modularity, robustness and reliability, help customers to minimize Total Cost of Ownership of plants, reducing maintenance costs and enhancing energy saving.



Steelmaking
Mining
Food and beverage
Marine, offshore and harbor sectors
Construction machinery
Water and waste treatment
Chemical, oil and gas
Rubber and plastics
Energy (thermal and renewable)
Motion engineering (bulk and packaged products)
Cranes and hoisting machinery
Wood and paper
Packaging



STEELMAKING

Rossi is considered a market leader in the steel making applications. With experienced Segment Managers and in depth knowledge, Rossi products are perfectly designed to suit the various environments found within this demanding industry. With a reputation for reliability and long service life, Rossi is the primary choice for many leading manufacturers involved in the steel making applications. Some of the largest steel producing companies have standardized on Rossi products in critical applications.



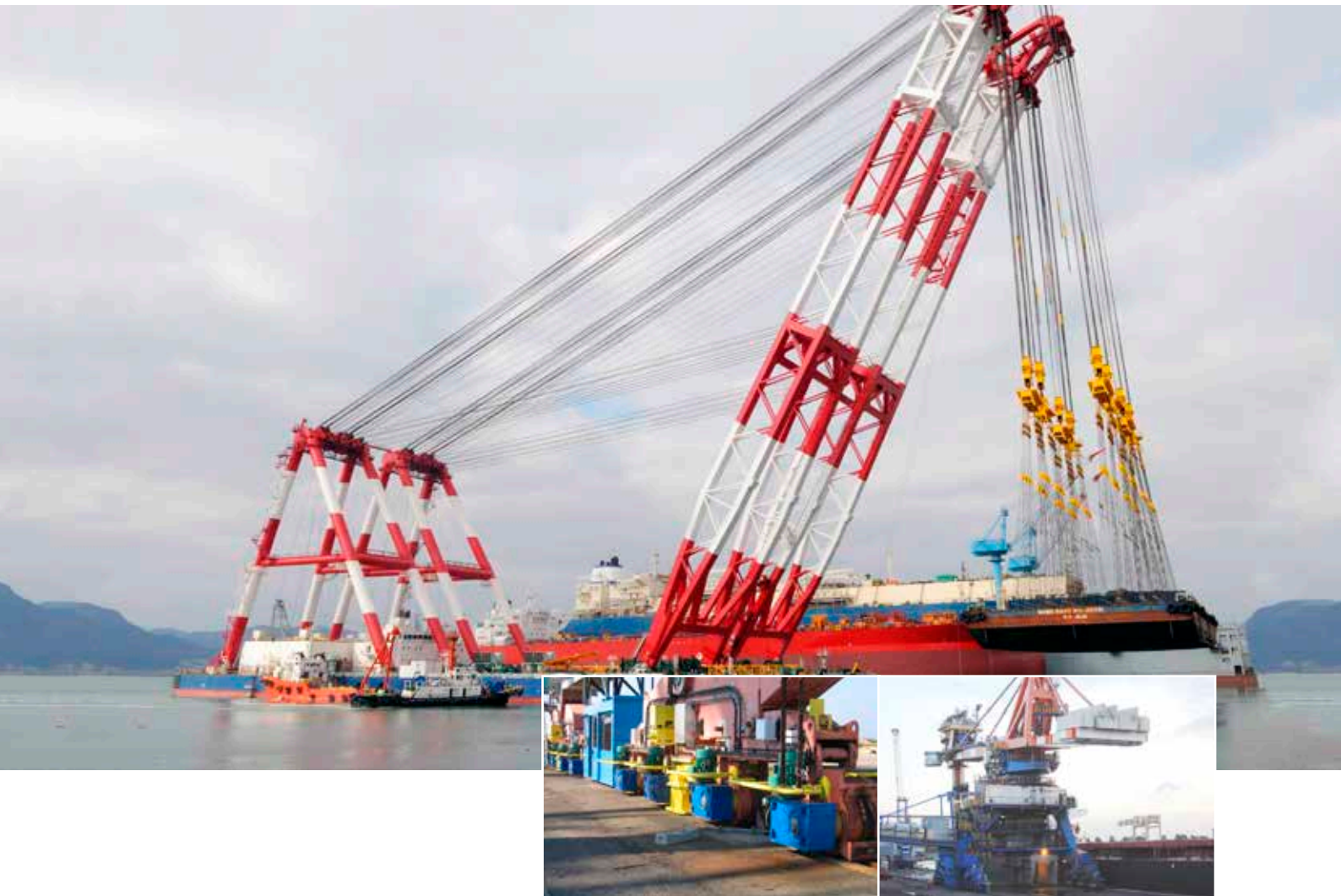
MINING

No matter if it comes to drive an overland conveyor or a bucket wheel, Rossi can provide not just the simple product, but the complete drive solution, fully designed, produced, assembled, and tested in its facilities.



FOOD AND BEVERAGE

Rossi is at the forefront of global pasta production, with top leading equipment manufacturers choosing to use Rossi products because of the continuous high performance, reliability and easy maintenance found within the standard Rossi design. So the next time you have pasta consider that it was probably made using Rossi products.



MARINE, OFFSHORE AND HARBOR SECTORS

Stringent production control combined with application experience allowed Rossi to be the principle choice to supply the gearboxes for one of the most highest lifting capacity, floating cranes in the world.



CONSTRUCTION MACHINERY

Smart solutions and intrinsic product quality help our customers to find the most cost-effective solutions, minimizing the Total Cost of Ownership.



WATER AND WASTE TREATMENT

Rossi's process engineering capabilities encompass all aspects of water and wastewater treatment, based around its extensive gearboxes and accessories range. Rossi is committed to meeting the growing requirements of this important industrial sector.





CHEMICAL, OIL & GAS

Rossi's smart solutions for Chemical, Oil & Gas industry allow our customers to have one partner for all provided services. This enables reduced cost due to process optimization. It improves the reliability, integrity of the information flow as there are fewer stakeholders in the process. Rossi ensures value adding services are integrated specifically into this sector needs based around the high level of operating safety required in this industry.

OUR PRODUCTS

The Rossi product line is one of the most complete of its kind on the market. It enables you to select the most appropriate gear reducer to meet the requirements of your application.

All products are designed for highest mechanical performance, high thermal efficiency, low maintenance costs and a long service life.

All gears are surface-ground and have an optimized tooth profile. The housings feature a single-piece design that was developed with the Finite Element Analysis (FEA) method. As a result, our gear reducers boast maximum overall stiffness in a compact size, low noise levels, reduced energy consumption and improved thermal capacity.

Modern production and control technologies have also led to an increase in torque.

The characteristics of each product are described in detail in our catalogs, which are available for viewing on-line.

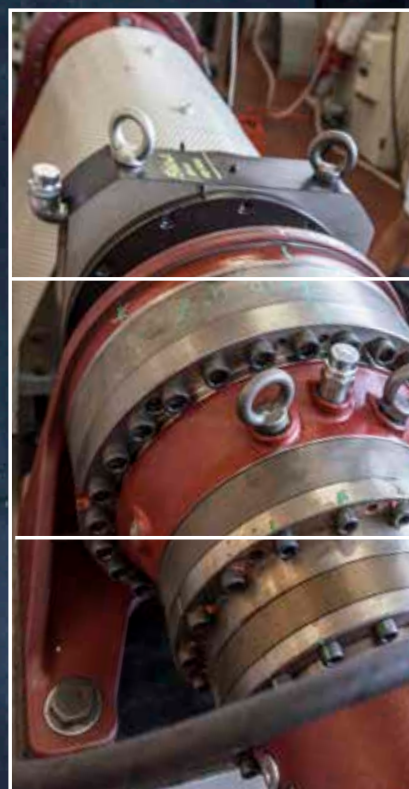
Our bevel helical, helical and planetary series for industrial applications are modular and flexible. Modularity means flexibility, universal mounting, and competitiveness. Our products are based on a system of modular components that can be assembled in millions of different configurations, so that every drive solution is custom tailored to our customer's exact specifications.

Also available as combined (helical/planetary) gear reducers, they allow to offer smart drive solutions for nearly all application needs.





Rossi



WORM GEAR REDUCERS AND GEARMOTORS



WORM GEAR REDUCERS AND GEARMOTORS

A SERIES

Size		14 sizes (32 ... 250)
Power	P_1	0.09 ... 55 kW
Nominal torque	T_{N2}	≤ 19000 N m
Transmission ratio	i_N	7 ... 16,000



WORM GEARMOTORS STANDARDFIT

AS SERIES

Size		6 sizes (118 ... 742)
Power	P_1	0.09 ... 5.5 kW
Nominal torque	T_{N2}	≤ 670 N m
Transmission ratio	i_N	6 ... 75

COAXIAL GEAR REDUCERS AND GEARMOTORS



COAXIAL GEAR REDUCERS AND GEARMOTORS

E SERIES

Size		16 sizes (32 ... 180)
Power	P_1	0.09 ... 75 kW
Nominal torque	T_{N2}	$\leq 10,000$ N m
Transmission ratio	i_N	4 ... 6,300

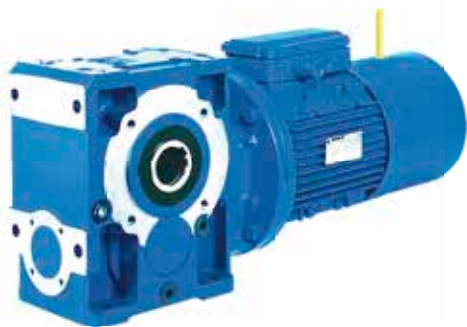


COAXIAL GEARMOTORS STANDARDFIT

ES SERIES

Size		8 sizes (0 ... 7)
Power	P_1	0.09 ... 11 kW
Nominal torque	T_{N2}	≤ 900 N m
Transmission ratio	i_N	4 ... 200

HELICAL AND BEVEL-HELICAL GEAR REDUCERS AND GEARMOTORS



BEVEL-HELICAL GEAR REDUCERS AND GEARMOTORS G SERIES

Size		18 sizes (40 ... 360)
Power	P_1	0.09 ... 160 kW
Nominal torque	T_{N2}	$\leq 87,500$ N m
Transmission ratio	i_N	2 ... 160



HELICAL GEAR REDUCERS AND GEARMOTORS G SERIES

Size		18 sizes (40 ... 360)
Power	P_1	0.09 ... 160 kW
Nominal torque	T_{N2}	$\leq 87,500$ N m
Transmission ratio	i_N	2 ... 160



HELICAL AND BEVEL-HELICAL GEAR REDUCERS G SERIES

Size		18 sizes (40 ... 360)
Power	P_1	0.09 ... 160 kW
Nominal torque	T_{N2}	$\leq 87,500$ N m
Transmission ratio	i_N	2 ... 160

HELICAL AND BEVEL-HELICAL GEAR REDUCERS FOR EXTRUDERS GX SERIES

Size		16 sizes (100 ... 451)
Power	P_{N2}	$\leq 1,710$ kW
Nominal torque	T_{N2}	$\leq 132,200$ N m
Transmission ratio	i_N	6.3 ... 28

PLANETARY GEAR SYSTEMS



PLANETARY GEARMOTORS (IN LINE AND BEVEL) EP SERIES

Size		20 sizes (001...710)
Power	P_1	0.18 ... 90 kW
Nominal torque	T_{N2}	1600 ... 710,000 N m
Transmission ratio	i_N	3.55 ... 3,550 (in line) 9 ... 2,240 (bevel)



SLEWING DRIVES EPS SERIES

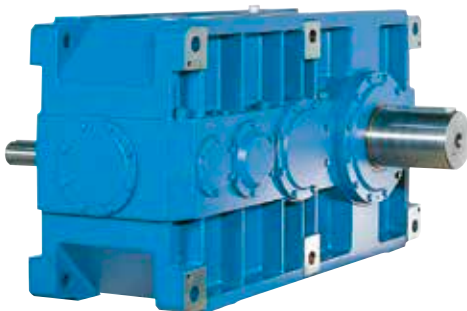
Size		13 sizes (100 ... 10,000)
Nominal torque	T_{N2}	1,500 ... 125,000 N m
Transmission ratio	i_N	50 ... 1,000



COMBINED UNITS EP COMBINED UNITS

Size		6 sizes (125...710)
Nominal torque	T_{N2}	710,000 Nm
Transmission ratio	i_N	according to specifications

HELICAL AND BEVEL HELICAL GEAR REDUCERS



HELICAL AND BEVEL HELICAL GEAR UNITS H SERIES

Size		10 sizes (400 ... 631)
Nominal power	P_{N2}	16 ... 3,650 kW
Nominal torque	T_{N2}	$\leq 400,000$ N m
Transmission ratio	i_N	8 ... 315

MOTION CONTROL PRODUCTS



WORM SERVO GEAR REDUCERS SR SERIES

Size		7 sizes (32 ... 81)
Accelerating torque	T_{A2}	31.5 ... 747 N m
Transmission ratio	i	7 ... 239



COAXIAL SERVO GEAR REDUCERS SR SERIES

Size		11 sizes (32 ... 101)
Accelerating torque	T_{A2}	31.5 ... 2,000 N m
Transmission ratio	i	4 ... 154



HELICAL SERVO GEAR REDUCERS SR SERIES

Size		8 sizes (40 ... 125)
Accelerating torque	T_{A2}	64 ... 3,000 N m
Transmission ratio	i	6.41 ... 110

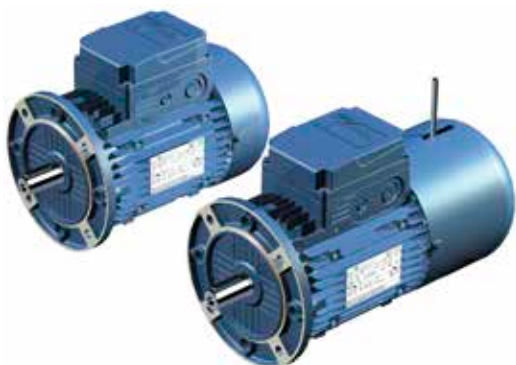


BEVEL-HELICAL SERVO GEAR REDUCERS SR SERIES

Size		8 sizes (40 ... 125)
Accelerating torque	T_{A2}	66 ... 3,000 N m
Transmission ratio	i	6.16 ... 139



MOTORS



PREMIUM LINE MOTORS - HIGH EFFICIENCY ASYNCHRONOUS THREE-PHASE MOTORS (ErP, EISA, MEPS)

TX SERIES

Size		63 ... 280
Power	P_N	0.06 ... 90 kW
Polarity		2, 4, 6, 8 poles

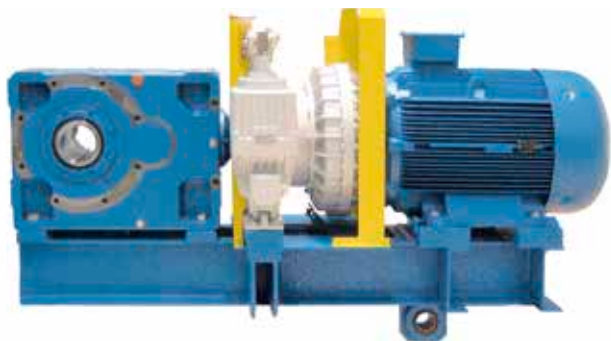


HEAVY DUTY ROLLER TABLE MOTORS

S SERIES

Size		112 ... 250
Peak torque	T_k	$\leq 1,700 \text{ N m}$
Polarity		4, 6 poles

DRIVE UNITS ON SWING BASE



DRIVE UNITS ON SWING BASE

RE SERIES

Gear reducer size		140 ... 712
Motor size		132 ... 400
Nominal torque	T_{N2}	$\leq 630,000 \text{ N m}$

HEAVY INDUSTRY PRODUCTS



HEAVY INDUSTRY PRODUCTS

EP SERIES

Size		10 sizes (125...3000)
Nominal torque		from 125,000 to 3,000,000 Nm
Transmission ratio	i_N	16 ... 1,800



HEAVY INDUSTRY PRODUCTS

H SERIES

Size		11 sizes (400...712)
Nominal torque	T_{N2}	87.5 ... 630,000 N m
Transmission ratio	i_N	8 ... 315

ROSSI SPECIAL PROJECTS



ROSSI SPECIAL PROJECTS

Power		according to specifications
Nominal torque	T_{N2}	$\leq 700,000$ N m
Transmission ratio	i	according to specifications

FEATURES

BENEFITS

Modular design	Reliability, different mounting positions, shorter delivery times, availability on stock, tailor made products from a modular design
High gear efficiencies	Low energy consumption and better thermal-rating
Optimized gear tooth profile	Low noise and increased torque
Design with FEA	Housing rigidity
Single piece housing	Greater stiffness, high precision, higher torque rating, low noise
Axial cooling fan	Lower surface temperature and improved oil life
Contactless seals option	Unlimited seal life, reduced maintenance, lower oil level and better efficiency
Oversized roller bearings	Longer life, higher peak load capacity
Leak-free "Takonite" sealing option	Long-lasting life in abrasive environment
Backstop device special design	More robust and reliable solution
Hollow shaft options (single keyway, shrink disk, etc)	More compact and cost effective solution
Improved lubrication system	Lower surface temperatures, improved bearing life
Synthetic oil option	Longer oil change interval, better thermal capacity, lower maintenance cost
Internal static lubrication devices	Reliable and cost effective lubrication solutions
3 year warranty worldwide	High quality and performance
All units tested to Rossi specifications on test bench	Aiming for zero non-conformity with improved reliability standards



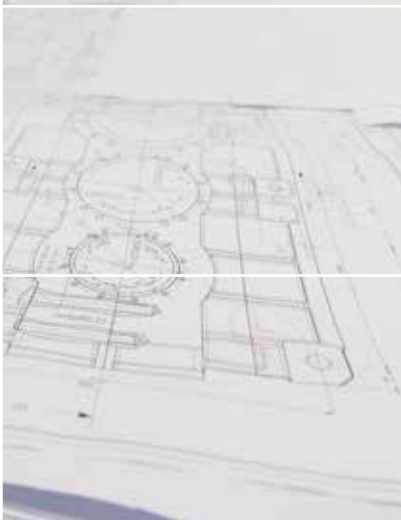






CUSTOMIZED SOLUTIONS

With its wide range of products and the significant experience it has gained throughout most industrial applications, Rossi can offer the solution that best meets the customer's requirements. Rossi can also provide complete, turnkey drive units installed on a self-supporting base. Rossi is one of the few suppliers that can perform tests under load on gear reducers at the factory prior to shipment - a capability that provides additional assurance of proper on-site operation.



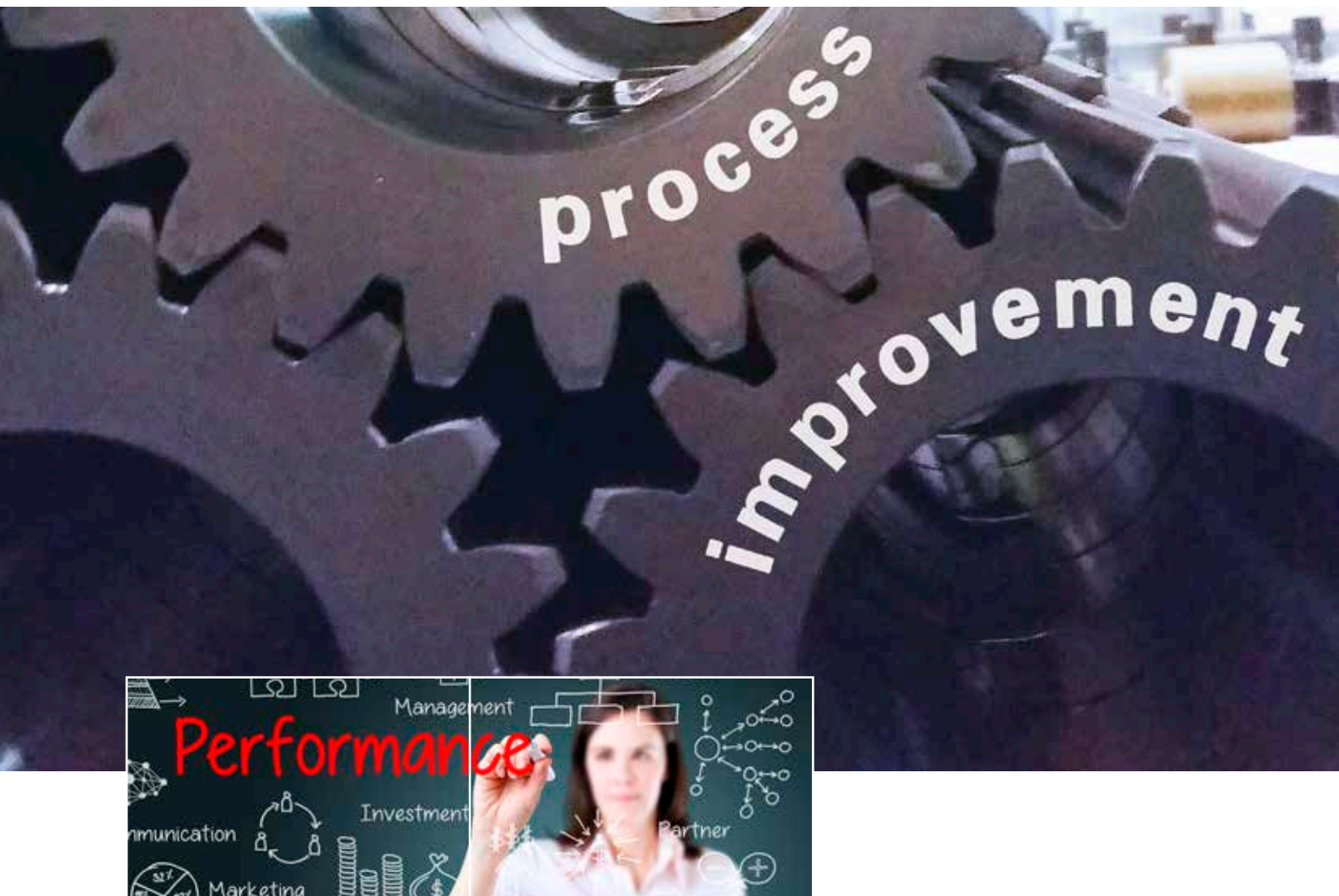
RESEARCH & DEVELOPMENT

Inspiration to solve evermore complex electromechanical drive systems for our customers is the foundation behind research and development. Italy and in particular the city of Modena has a legacy of mechanical design and innovation and Rossi draws on this long heritage together with 60 years of Rossi gearbox manufacturing experience. We are committed to developing processes and products able to meet the growing demands of the modern digital age. Small incremental improvements in elements such as gear quality, housing rigidity and sealing arrangements can have a significant impact on the Total life cycle of the product. Our geared products have a strong market reputation, traditionally built around product innovation, outstanding quality, high operational safety.



PRODUCTION TECHNOLOGIES

Formula One is probably the best example of highlighting the difference between a good product and an outstanding product and that is probably why Italy has won and lead more races than any other nation. Similarly, we at Rossi believe that there is a significant difference between good gearing and Rossi good gearing. The only way to achieve this level of precision and quality is to start with correctly specified material, and machine it on the latest precision machinery, in order to ensure the final standard Rossi's customers are asking for. Cutting-edge production technology is the essential building block to achieve high performance geared products built around a reliable design in order to maximize the added value of the Rossi product.



EXCELLENCE IN PROCESSES

Rossi maintains a close and direct link with every subsidiary throughout the group. In order to maximize efficiencies and reduce the time taken to answer customers, the group employs several “LEAN” processes to achieve consistent quality not only in the product, but with information as well. The subsidiaries maintain similar processes and functions at a local level and as the group operates one IT platform, the information flow and processes have been standardized. This direct link between headquarters and individual subsidiary enables minimal intervention, but delivers fast, consistent and clear information to those that require the information in order to provide fast, effective and solution driven answers for all its customers.

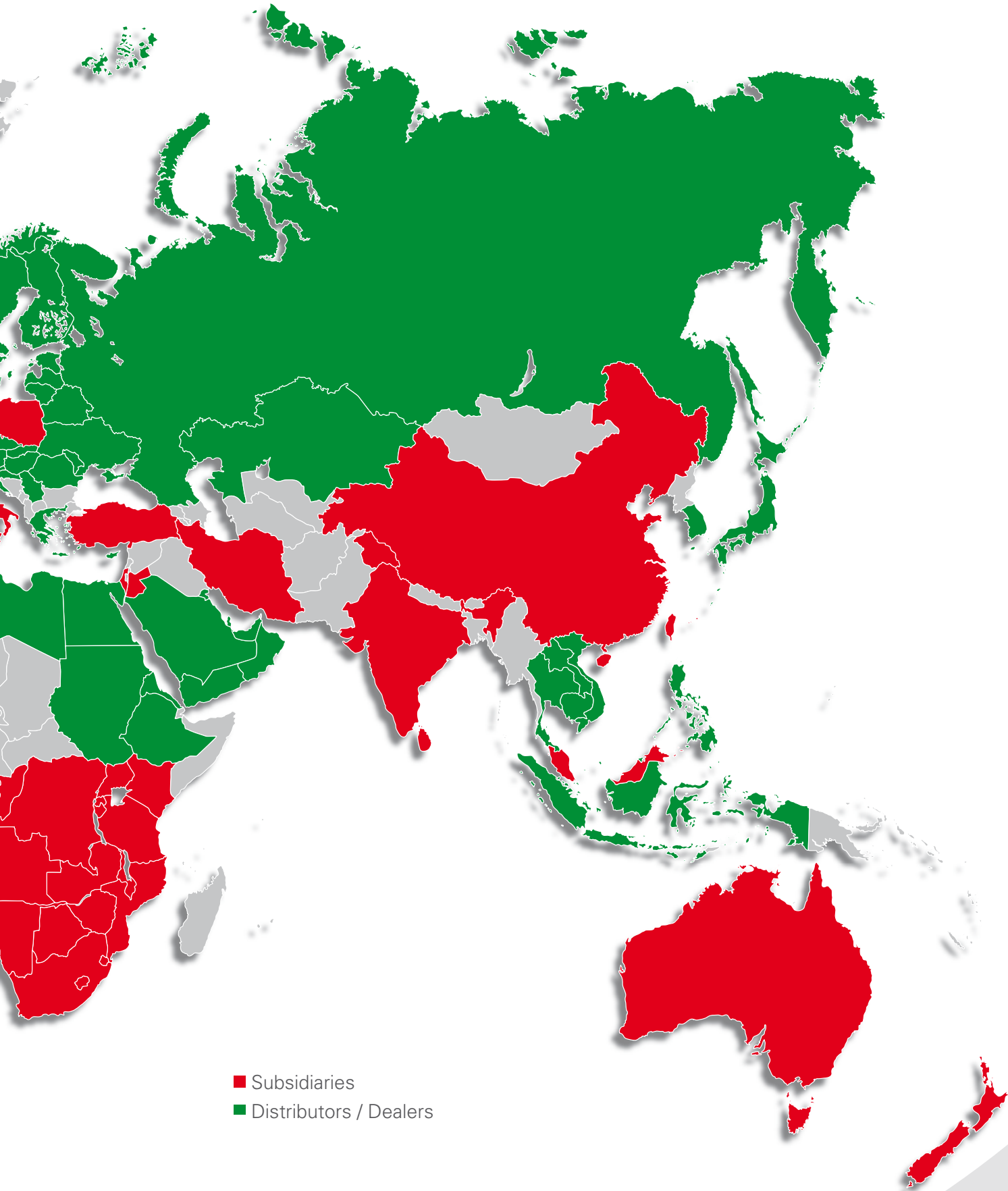


OUR APPLICATION KNOW-HOW AND SERVICE

Years of experience accumulated by our Segment Managers in specific fields of application allow Rossi to be the reliable partner of leading industries in the most demanding sectors. Know-how not limited to gear manufacturing competence, but also in-depth knowledge of specific applications needs as well as local service and technical assistance worldwide, are the principle success factors behind many successful business relationships with customers.

WHERE WE'RE LOCATED





■ Subsidiaries
■ Distributors / Dealers

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