

MECHANICAL DRIVE SOLUTIONS

Trust that drives your production.



Motors | Automation | Energy | Transmission & Distribution | Coatings

Trust that Drives Your Production, Technology that Boosts Your Efficiency

Increasing productivity with equipment that lasts longer and consumes less energy is the goal of every industry. Always attentive to the needs and requirements of every industry and recognized worldwide for the quality of everything it does, WEG offers the market Complete Mechanical Drive Solutions.

With great production capacity and extensive technological expertise, WEG designs, manufactures and installs steam turbines, gearboxes and multipliers in processes that require drives for torque or speed reduction. Complete and highly reliable solutions, they are designed for mechanical or electrical drives, optimizing processes, raising efficiency levels and generating profits.



Steam Turbines for Mechanical Drives

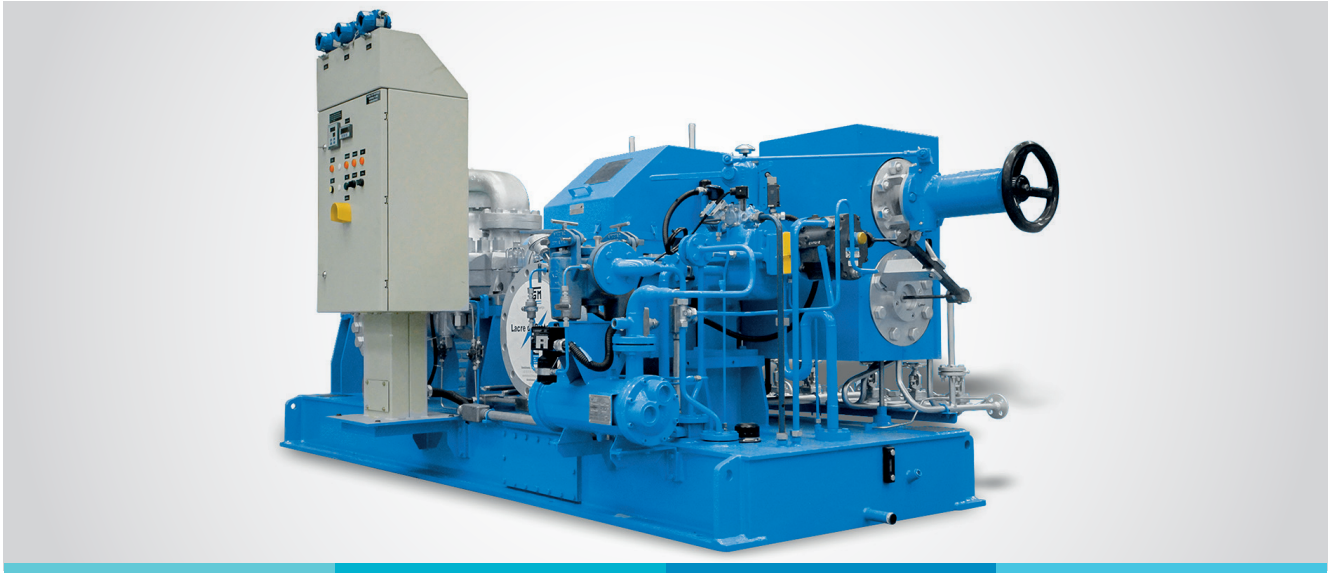
For All Needs, WEG Has a High Quality Solution

100% manufactured in Brazil, Steam Turbines have a modular construction and a smart manufacturing process that ensure a more flexible installation, prioritizing convenience, safety, efficiency, productivity and economy, which are essential for the growth of your industry. The equipment can be used in:

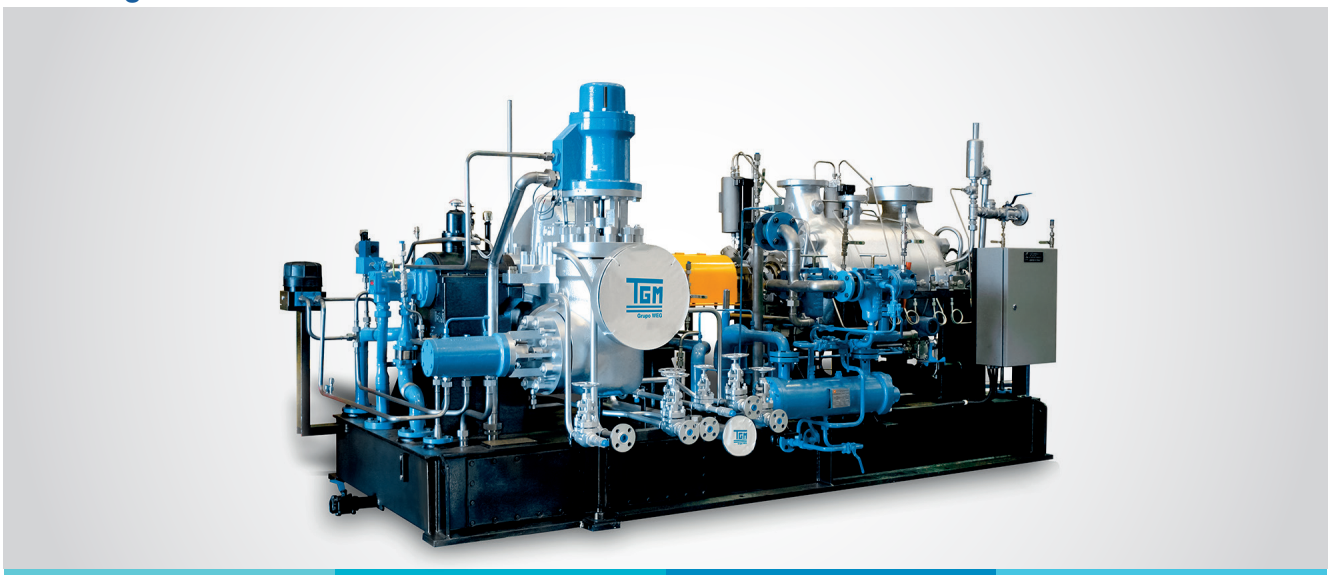
- Water pumps
- Compressors
- Blowers
- Exhaust fans
- Fans
- Chippers
- Shredders
- Mills

WEG understands the complexities of every industry and segment. Therefore, it develops single or multiple-stage turbines that carry the impulse or reaction technology and operate at low, medium and high pressure and temperature.

Single Stage



Multistage

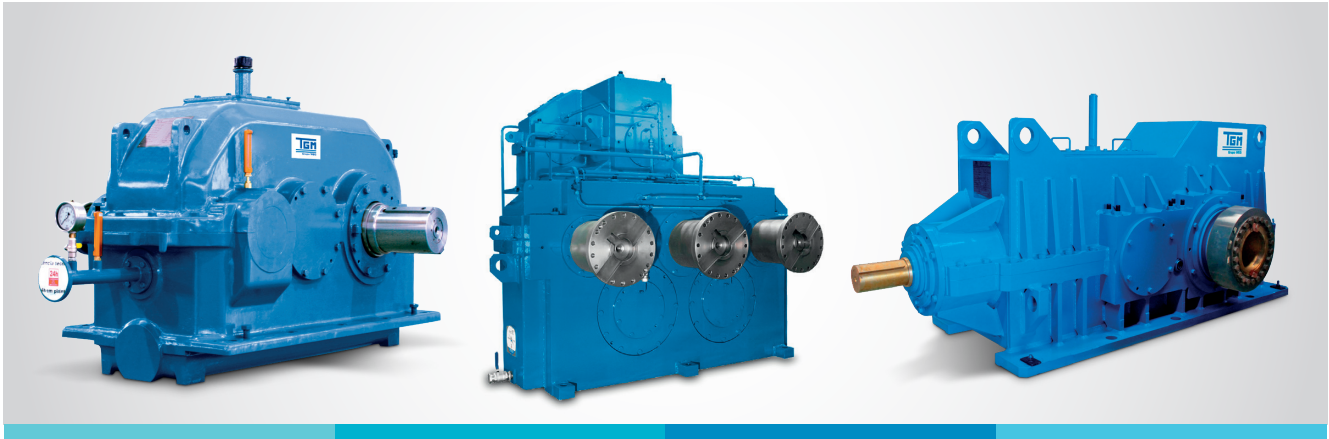


Gearbox Lines

For Large Drives, High Performance Gearboxes

The world trusts in WEG machines, because they are all manufactured according to the strictest international standards, and their designs use the most advanced calculation programs available. All this dedication to maximum excellence guarantees total control over all the parameters related to gearing, lubrication, heat dissipation, cooling, speed control, coupling selection, among others.

Parallel Shaft Gearboxes



Planetary Gearboxes



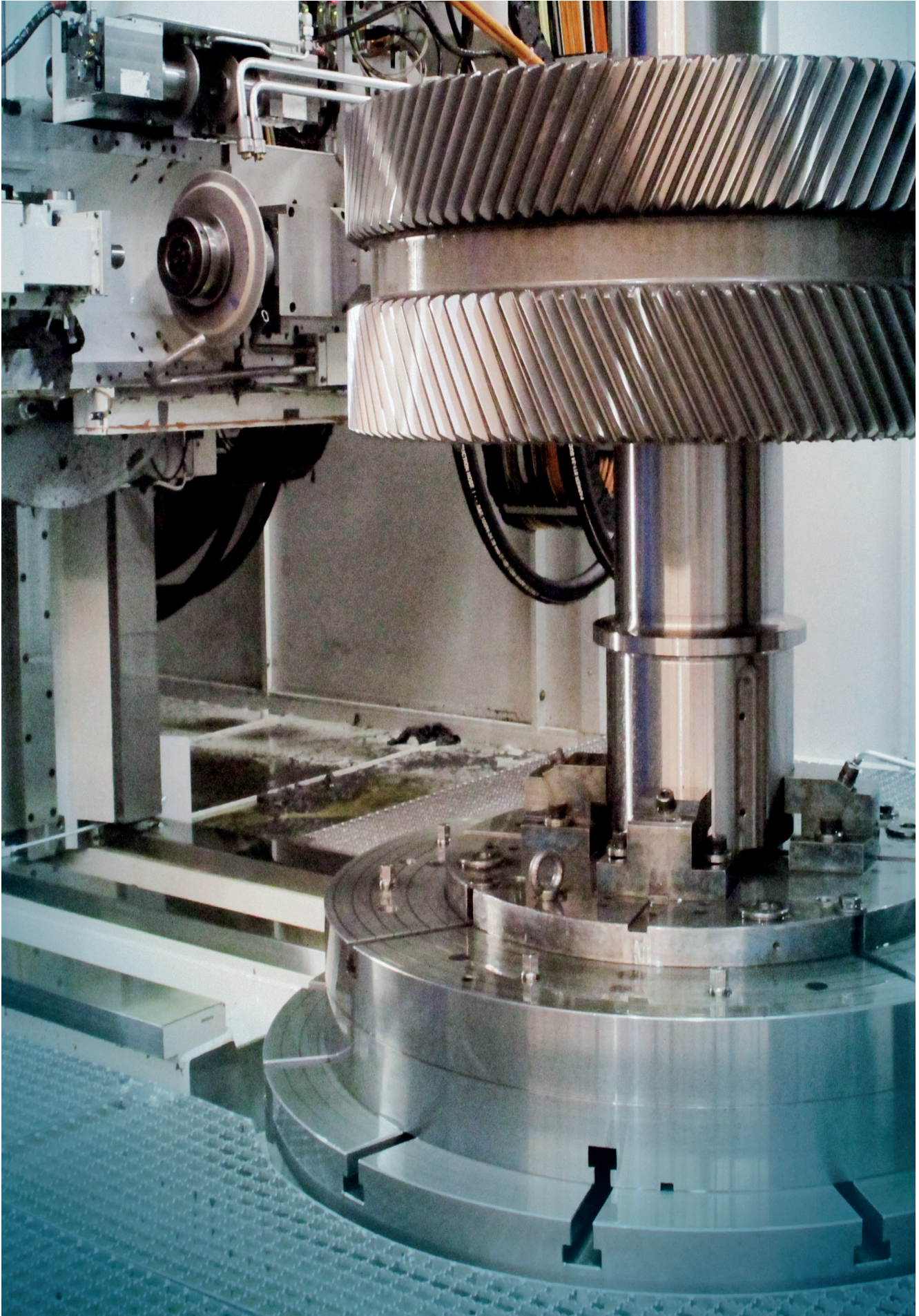
Gearbox Lines

WEG gearboxes are used in:

- Ball mill
- Mills
- Crushers
- Refiners
- Conveyor belts
- Bucket wheels
- Rotating dryers
- Bucket conveyors
- Dynamic graders
- Sugarcane mills
- Chippers
- Shredders
- Power generators



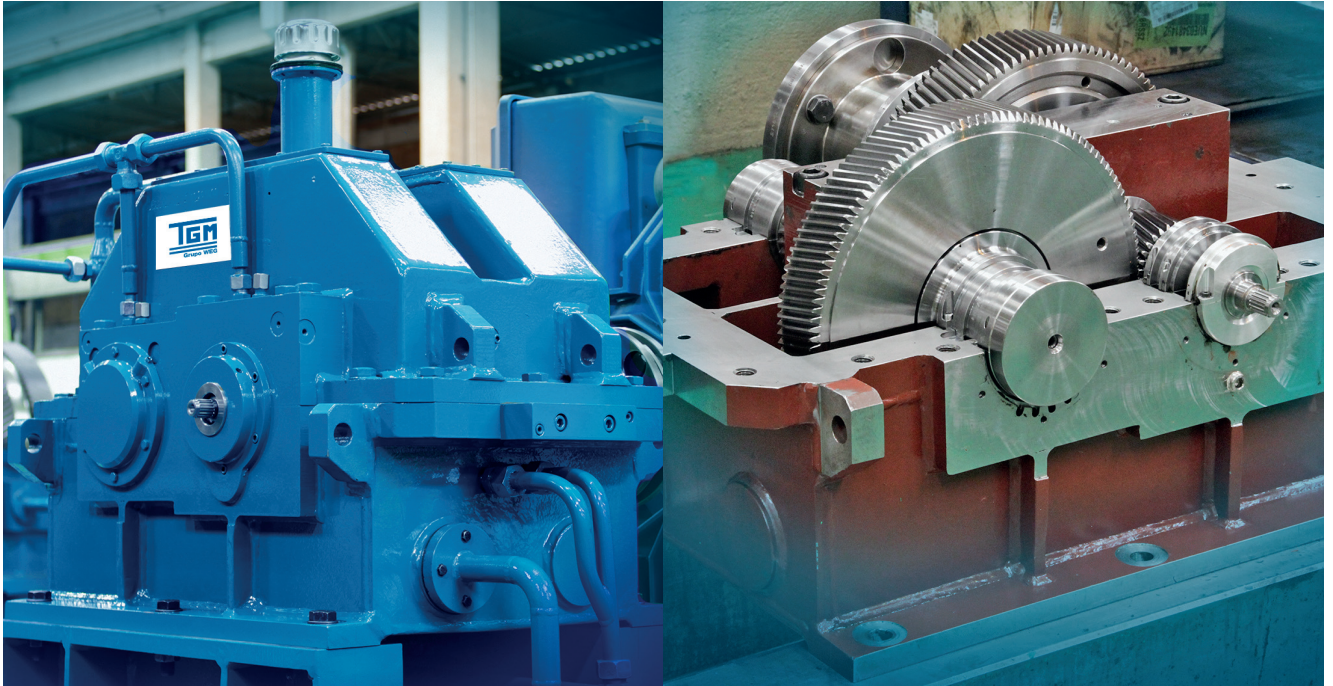
With reputable technology and quality in large drives, WEG develops special solutions for unique projects, such as parallel and planetary shaft gearboxes for application in different industrial processes.



Speed Multipliers

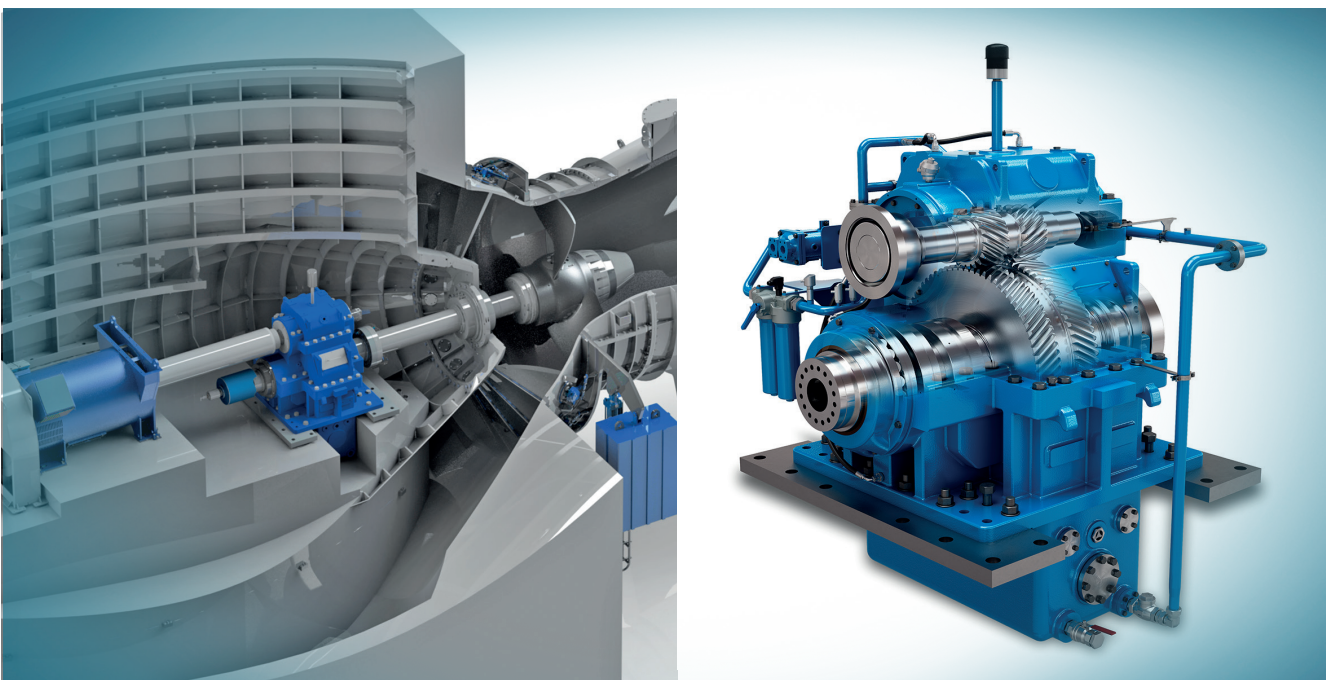
Technology that Multiplies Trust

Manufactured with the highest technology, WEG's industrial multiplier solves a great variety of industrial applications. It can be driven by steam turbines or electric motors.



Application in Hydraulic Turbines

The Speed Multiplier of the MTH line is a machine driven by hydraulic turbines installed in low waterfalls in projects of small hydro power plants and electric power generating stations.

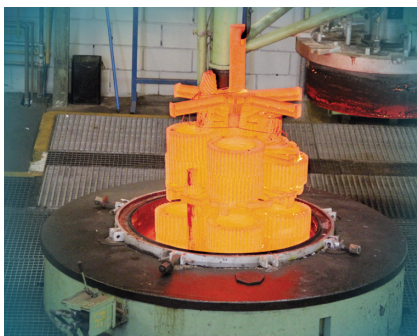


Manufacturing Structures

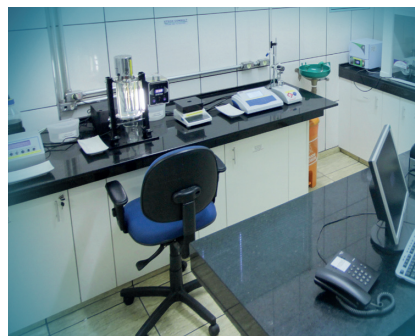
The company has a modern manufacturing plant composed of machining centers, gear milling machines and grinding machines, bearing manufacturing, lubricant oil analysis lab, assembly and test unit for gearboxes and multipliers. In addition to the manufacturing structure, the company has a qualified field service team available 24/7.



Heat Treatment



Oil Laboratory

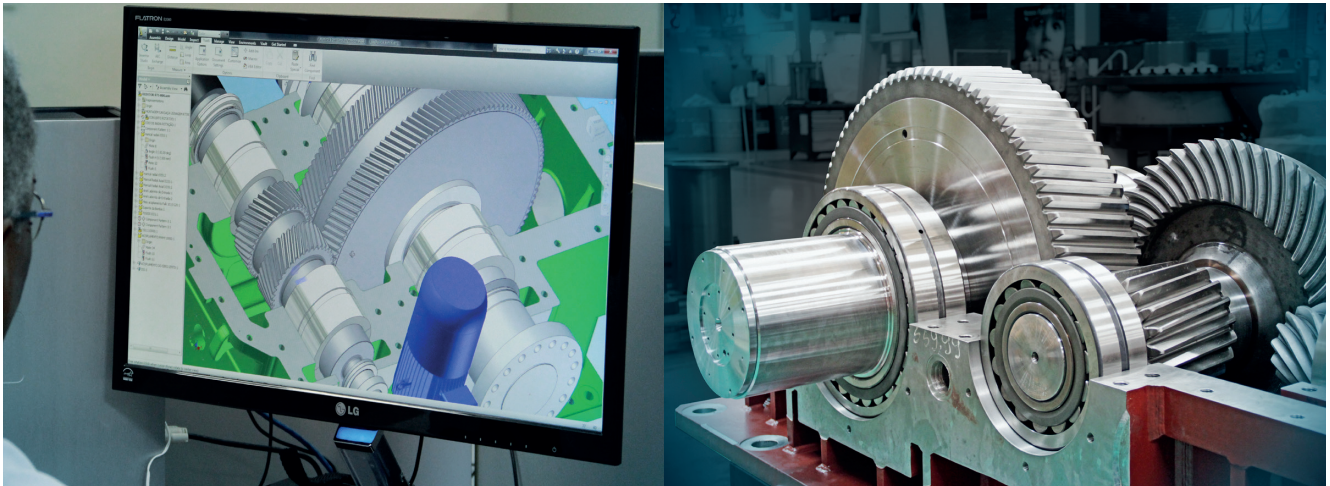


Gearbox Tests



Manufacturing Structures

The company has engineers and technicians specialized in the construction, development and installation of products and services. It uses advanced and technological graphic and calculation software applications, in addition to studies for special material applications.

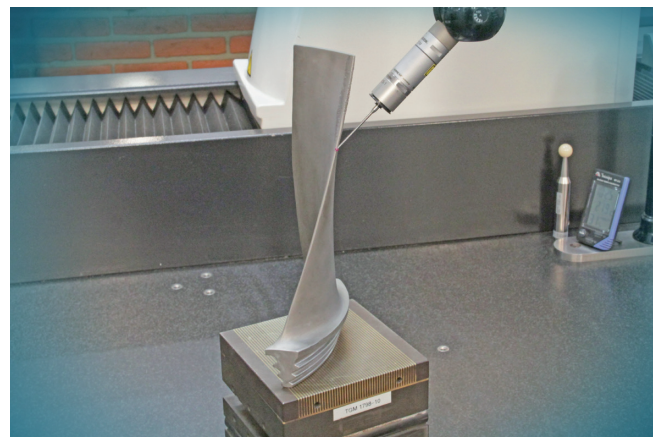


The parts and pieces are manufactured in modern machines which guarantee shorter lead times, greater precision and perfect finishing. WEG's structure offers several advantages, especially the manufacture of bearing and gears, considered the largest and the best in Latin America.

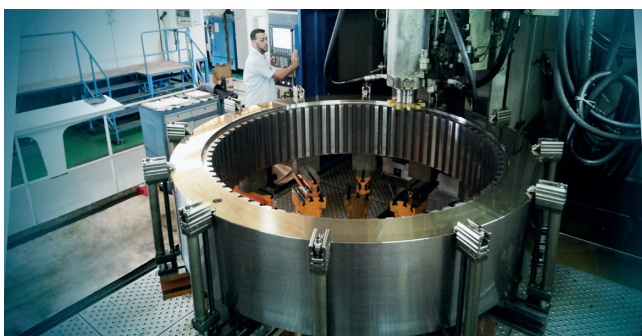
Quality

WEG's main commitment is to deliver products, parts and services to the customers' highest satisfaction levels. To that end, the quality system supervises and continuously searches for process improvements, complying with administrative procedures, technical instructions, production standards, training courses and analyses with effective corrections.

WEG has the ISO 9001 and ISO 14001 certifications, which proves its quality and respect for the environment.



Gear Manufacturing



Sleeve Bearings



Field or Factory Services

WEG is specialized in servicing steam turbines, gearboxes, multipliers and generators from other manufacturers. Repowering, Retrofitting, Overhauling, Balancing, 3D Engineering, Installation and Startup, Inspection and Monitoring, Spare Parts and Parts, Planned Maintenance and Long-Term Contracts services are performed.

When replacing the equipment with a new one is unfeasible, service plays a very important role in reducing environmental impacts, since it is possible to reuse the equipment.



Technical Service



WEG 24/7 technical service has become an icon in the segment, and it is always mentioned as the most reputable in terms of 100% plant availability.

Belonging to the WEG Group and headquartered in Sertãozinho/SP, the TGM brand is a WEG unit that develops, manufactures and installs solutions in thermal energy and mechanical drives and performs maintenance services on machines, with 24-hour after-sales service.



WEG Presence

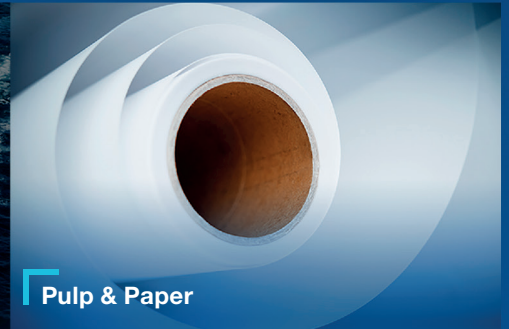
The world recognizes WEG quality, because innovation drives the efficiency and growth of industries in different sectors.



Sugar & Ethanol



Marine



Pulp & Paper



Electrical Mobility



Agribusiness



Energy Efficiency



WEG Digital Solutions



Smart Grid



Water



Steel



Food & Beverage



Solar Power



Energy



Cement and Mining



Gas & Oil

For WEG's worldwide
operations visit our website




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The values shown are subject to change without prior notice.
The information contained is reference values.