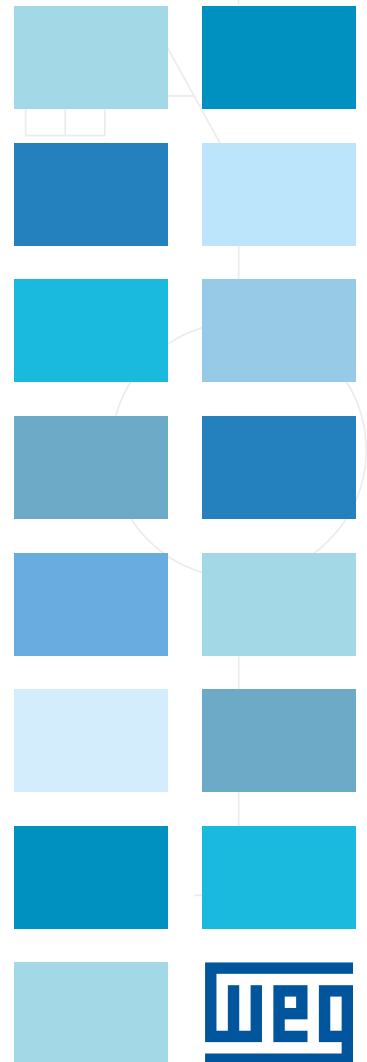


Energy

Power Transformers





WEG around the world

WEG is a Brazilian multi-national company with its headquarters located in Jaragua do Sul, Santa Catarina, in the south of Brazil. WEG has manufacturing sites in Brazil, Portugal, Argentina, Mexico, and China, as well as 21 branch offices across five continents. WEG employs more than 23,000 people worldwide in more than 100 different countries.

WEG is the largest producer of electric motors in Latin America and one of the largest motor manufacturers in the world. WEG is also the largest transformer manufacturer in South America. WEG supplies complete solutions in automation, energy generation, transmission and distribution, motor control and protection, and industrial processes.

- Headquarters
- Branches with factories
- Commercial branches

World-class power. Optimized for your needs.

Supported by six plants across two continents, including the world's newest & most modern power transformer manufacturing facility, WEG delivers power transformers for the industrial, utility, and public power markets.

Our varied product line includes a wide range of customized solutions to fit all your power needs. WEG produces power transformers, arc furnace transformers, and autotransformers up to 350 MVA and 550kV. Make your selection, confident that transformers don't get any better than this.



Blumenau - SC - Brazil



Tizayuca - México



North American Headquarters

Opening January 2010

Atlanta, GA

222 employees

North American base for senior management, customer service, logistics, application engineering, project management, accounting, and warranty/service group.



New North American Factory

In 2009, WEG opened the world's newest, most advanced, state-of-the-art, power transformer manufacturing facility in Huehuetoca, Mexico just north of Mexico City. This facility is exclusively for the North American market and can design, build, and test power transformers up to 350 MVA & 550kV. Ask your local WEG sales representative about reserving manufacturing slots now!

Who is **WEG**?



From left to right

Werner Ricardo Voigt,
Eggon João da Silva, and
Geraldo Werninghaus (in memoriam)

Core cutting and clamping

The WEG design utilizes round core construction with cold rolled grain oriented silicon steel. Our clamping method is designed to prevent movement of core laminations while simultaneously supplying support for the windings. This robust design gives added short-circuit strength as well as improved bracing for transportation.



WEG's state of the art conductor options, including CTC



Core inspection



Winding area

The winding assembly follows rigorous quality standards. High cleanliness, high quality parts and tight manufacturing tolerances ensure very low impedance variation.

Temperature controlled and dust-free coil winding area



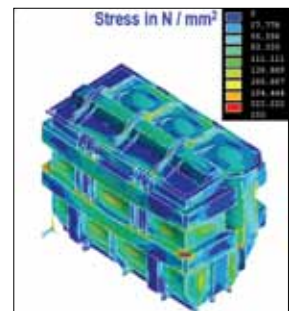
Vertical winding machine





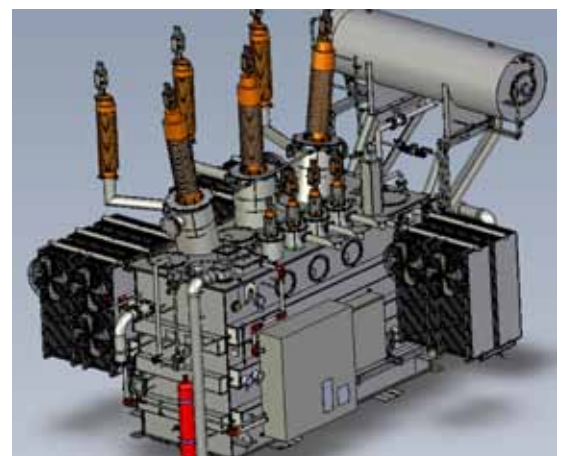
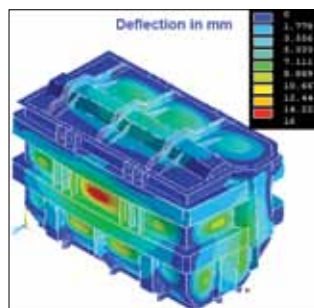
Vapor phase

WEG's modern vapor phase system is the quickest and most effective way to dry transformers. This process ensures perfect dryness which leads to a longer transformer life. Vapor phase drying also reduces drying time by over 50% when compared to a non-vapor phase oven. Passing this time savings along the production schedule results in quicker delivery.



Manufacturing resources

WEG's production facilities are equipped with state-of-the art engineering design software and equipment including the Anderson Program, finite element analysis software, and 3-D modeling programs which helps to ensure total quality control all the way from design to production to testing.





Customer service, delivery, logistics, and field service

WEG offers its customers complete service and post-sales support including supervision, field service, start-up, commissioning, and site testing. WEG's service department employs highly skilled experienced servicemen capable of providing rapid response support to any jobsite across North America.



Quality system

Quality control is carried out at each stage of production on a self-assessment basis. Each employee regards the next workstation as his customer and performs a series of quality checks before passing on a product down the line.

The Quality Assurance department monitors all quality control documents and carries out its own additional inspection at strategic points in the production line.

As a consistent guarantee to the highest quality, WEG utilizes ISO 9000 standards and has achieved ISO 9001 certification for all its transformer facilities. Regular internal and external audits ensure full and continuous conformity with this international standard.



Your World. Your Energy. Go Green with WEG.

JOHN DEERE HARVEST WIND FARM
60 MVA WEG GSU Power Transformer



WEG Headquarters, Brazil





References



SOLAR TURBINES
Butte, MN
75 MVA - 169 kV



CITY OF EDMOND
Edmond, OK
12/16/20 MVA – 138kV



OMAHA PUBLIC POWER DISTRICT
Omaha, NE
7.5 MVA – 13.8kV



CATERPILLAR – BLACK & VEACH
Classified, Middle East
53.2 MVA – 110kV



CITY OF TALLAHASSEE
Tallahassee, FL
50 MVA – 115kV



SEDGWICK COUNTY ELECTRIC COOPERATIVE
Cheney, KS
25 MVA – 138 kV

References



NOKIAN NATIONAL GRID
Lake Saranac, NY
49.61/66.15/82.69 MVA - 115kV



JAMAICA PUBLIC UTILITIES
Jamaica
2.5 MVA – 69 kV



LOWER COLORADO RIVER AUTHORITY
Austin, TX
18/24/33 MVA – 138kV



NEWELL RECYCLING
East Point, GA
9.375 MVA – 145kV



EGLIN AIR FORCE BASE
Eglin, FL
10/12.5 MVA – 115kV



MATANUSKA ELECTRIC ASSOCIATION
Palmer, AK
12/16/20 MVA – 115kV

References



LOUP RIVER PPD
Genoa, NE
15/20/25 MVA – 115kV



NATIONAL ENRICHMENT FACILITY
Eunice, NM
24/32/40/44 MVA – 115kV



JOHN DEERE MOUNTAIN HOME SUBSTATION
Glenns Ferry, ID
28/37.3/46.6 MVA – 138kV



CITY OF TALLHASSEE
Tallahassee, FL
7.5 MVA - 69 kV



TINKER AIR FORCE BASE
Tinker, OK
15/20/25/28MVA - 138kV



ONCOR ELECTRIC UTILITY – RICE SUBSTATION
Lancaster, TX
2.5 MVA – 69kV

References



UNIVERSITY OF NEW MEXICO
Albuquerque, NM
24/32/40/44.8 MVA – 115kV



S&C DATA CENTER SUB-STATION
Chicago, IL
15/20/25 MVA – 138kV



ROLLING HILLS BOOSTER PUMP STATION
Ft Worth, TX
7.5/10/12.5 MVA – 138kV



GUADALUPE VALLEY ELECTRIC COOPERATIVE
Gonzales, TX
24/32/40 MVA – 138kV



SOCORRO ELECTRIC COOPERATIVE
Socorro, NM
10/12.5 MVA – 115kV

**Over 200 transformers
delivered into the USA!**

*“Whether you are stepping
up voltage or stepping down
voltage, you’re stepping in the
right direction with WEG!”*





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web: www.weg.net

Please contact your local salesperson::

USA721