



NEWS RELEASE

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WEG INTRODUCES WGM WATER JACKET COOLED MOTOR

Reliable cooling system, compact construction and reduced noise level among benefits

ATLANTA, Ga.—WEG Electric Corp. (www.weg.net), a leading global supplier of motors, drives, controls, transformers, and generators, announces the release of the WGM Water Jacket Cooled Motor, ideal for extreme environments with space constraints.

Available immediately, the WGM Water Jacket Cooled Motor was designed to meet the most demanding applications, including marine duty, cement, mining, petrochemical, steel, wind energy, pulp and paper, and more. The motor is ideal for aggressive operating conditions where high output power versus frame size ratio is required. Other advantages of the Water Jacket Cooled motor include lower noise level, compact construction, reduced thermal dissipation, and variable frequency drive operation.

“Water-cooled WGM motors are perfect for variable speed applications, since the thermal efficiency is optimized, even on reduced speeds, where space is a concern,” said Steve Waite, Large Machines Manager, WEG Electric Corp. “Harsh environments with high temperatures, limited space or dusty conditions are ideal for the use of the Water Jacket Cooled Motor.”

Featuring a cooling system that maintains thermal efficiency, the motor remains cool in the most aggressive conditions. Through the circulation of water over the frame construction and endshields, the system allows an effective thermal exchange between the motor and water, and increases the output power versus frame size ratio. Additionally, the system minimizes the heat exchange with the environment and cools the bearings without requiring an independent cooling system.

[Standard Technical Features](#)

- Horsepower: 400 to 3750 Hp
- Frame sizes: 315 to 560 IEC and 5000 to 8800 NEMA
- Voltages: 690 V to 6600 V
- Number of poles: 2 to 8
- Frequency: 50 or 60 Hz
- Mounting: Vertical or Horizontal

For more information on the new Water Jacket Cooled Motor, please visit www.weg.net or call 1-800-ASK-4WEG.

About WEG Electric Corp.

Founded in 1961, WEG has grown into a global solutions provider of industrial electrical technologies. WEG is the largest industrial electric motor manufacturer in the Americas and one of the largest manufacturers of electric motors in the world producing more than 10 million units annually. Committed to growth on a global scale, WEG continually invests in state-of-the-art manufacturing facilities and processes, and the development of new and improved industrial electrical solutions. WEG offers a diverse and integrated product line that includes motors, drives, controls, transformers, and generators. WEG has committed to an R&D investment of 3% of annual global sales.

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