WEG complete solutions in motors, generators, automation and industrial paints. The company has the expertise to provide technical support and prompt service all over the world.

**General Purpose Small Size Motors - High Efficiency**
- **Applications:** Blowers, compressors, fans, etc.
- **Poles:** 2, 4, 6 and 8
- **Frame sizes:** 40 to 200MA
- **Voltages:** 220/380 V, 380/660 V (frames E3 to E20L)
- **Rated output:** 220/380/415 V (frames E3 to M4 to 355MA).

**Large Size Motors**
WEG Low and Medium Voltage Motors are designed with state-of-the-art technology, materials and production processes resulting in compact and outstanding performance machines.

**H Line - High Efficiency**
- **Applications:** Box Thrusters, Stern Thrusters, Azimuthal Thrusters
- **Output ratings:** 100 to 350 KW
- **Voltages:** up to 11/0.33KV
- **Speed:** 300 to 3600 rpm
- ** Totally enclosed fan cooled.**
- **Advantages:** Low noise level, reduced maintenance and no heat exchanger required (HFG).
- **M Line**
  - **Applications:** Box Thrusters, Stern Thrusters, Azimuthal Thrusters
  - **Output ratings:** up to 50000 KW
  - **Voltages:** up to 150/8.7KV
  - **Speed:** 300 to 3600 rpm
  - **Open self-ventilated cooling system, designed with air-to-air or air-to-water heat exchanger, forced ventilation, whenever required.**
  - **Advantages:** Design versatility, and outstanding operating conditions with results in high performance and reduced maintenance.

**Generators**
Available up to 3300kW, the G Line product range are designed to operate in extreme conditions, meeting all the requirements of the most critical installations.
- **Low Voltage:** 11 to 6300 V
- **Rated Voltage:** 2200 to 15000 V
- **Degree of Protection:** IP11, IP21, IP23, IP32, IP33, IP54, IP65, IP66, IP67 and IP69K
- **Poles:** 4, 6 and 8 poles

**Dry Transformers**
- **Applications:** Main and lighting transformers, motor power supplies and frequency drives
- **Output ratings:** 300 to 105000kVA
- **Thermal class of the insulating materials:** F (155°C)
- **Epoxy resin coated copper windings (ECC)** with UL certification for 200°C
- **Output ratings:** 300 to 15,000 kVA
- **Voltage:** 600V: 660-690 Vac 300 to 2500 kW
- **500 V: 500-600 Vac**
- **Degrees of Protection:** IP21 (IP23, IP21W, IP23W, IP54, IP55 and IP55W)

**Electrical Panels**
- **Applications:** Main electric boards, distribution and emergency boards
- **Muscular and flexible mounting**
- **Easy to be modified and adapted**

**Variable Frequency Drives**
WEG variable Frequency Drives are intended for speed control and protection of electric motors.
- **Applications:** Oil Rigs, Compressors, pumps, fans, etc.
- **Modular design which allows high compact level, reliability and easy maintenance**
- **Low Voltage:** 3-400-690 Vac
- **Rated Voltage:** 380-690 Vac
- **Normal (105%/1min) and Heavy Duty (150%/1min)**
- **P浪 & Plug**
- **Complete diagnostic and monitoring functions**

**Soft-Starters**
WEG soft-starters are intended to protect and limit starting current of electric motors that do not require speed variation.
- **Applications:** propulsion motors with variable pitch propeller, compressors, pumps, fans
- **Advantages:** low cost

**Automation**
The WEG Automation for ocean ships is properly designed and allows control and monitoring of the ship from the control room, main console and thruster local console.
- **Alarm system** which allows monitoring and control all ship alarms
- **Energy management system** which allows control and protect automatically generators and loads
- **Load system** which allows monitoring and control of valves, pumps, fans and silos

**Switch and controlgear**
Complete line of switch and controlgear for electric motors and electronic panels.

**Industrial Paints**
Primers and finish coatings for anticorrosive protection in marine and off-shore environment.
- **WEGPOXI Ecoloflex SPC - Tin free self polishing copolymer antifouling paint**
- **LACKPOXI Wet Surface 88 HT - High thickness surface tolerant epoxy for agressive environments**
- **WEG TAR Free 712 - Tar free epoxy primer for use from Keel to Flat**
- **WEGPOXI Edge Retention - High thickness epoxy primer for use on very hard surfaces**
- **WEGPOXI Primers and finish coatings for anticorrosive protection in marine and off-shore environment**
- **Lackpig Wet Surface - Surface tolerant solvent free paint coated with polyurethane for application in environments with air relative humidity above 65% or on wet surfaces in compliance with Standard N 2680**
- **WEGPOXI Edge Retention - High thickness epoxy primer for use in environments where there are some difficulties in the steel preparation, i.e. bolts, nuts, welding areas, corners and similar**
- **LACKPOXI Wet Surface 88 HT - High thickness surface tolerant epoxy for agressive environments**

**WEG Ecoline Free 712**
- **Notes for use:**
  - **Water:** 20% water
  - **Epoxy Primer:** 1 part per 4 parts of Water
  - **Dry time:** 1 to 2 hours
  - **Curing time:** 3 to 5 days
  - **Hardness:** 1 part per 0.3 parts of Water

**Supplies**
- **Platinum Supply Vessel - PSV**
  - **Anchor Handling Tug Supply Vessel - AHTS**
  - **Off-Shore Supply Vessel - OOSV**
  - **Oil Rig Supply Vessel - ORSV**
- **Motors: Bow and Stern Thruster**
- **Motors: Azimuthal Propulsion**
- **Shaft generators**
- **Motors, generators and emergency transformers**
- **Low / Medium Voltage Main and Emergency switchboards**
- **Electrical panels with motor starting switches**
- **Integration engineering services**
- **Engineered Start-up**
- **Wheelsehw Console**
- **Motors, Bow and Stern Thruster**
- **Motor starting switchgear and frequency drives for load pumps**
- **Automation: Alarm System / Power Management System / Cargo Handling**
- **Starting switch for thrusters**
- **Forward and aft consoles**
- **Energy box**

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