



WORLDWIDE
ELECTRIC CORPORATION

Forestry, Pulp & Paper

Reliable and Efficient Motors, Controls,
Gear Reducers, and Generators

Daily use in demanding conditions

From felling and transportation to processing, production, and recycling - Worldwide Electric's motors, controls, speed reducers, and generators support the entire life cycle of lumber.

We understand working with lumber is heavy-duty work! In and around the forest, you need equipment designed and built to handle the rigors of weather, heavy loads, tough starts and stops, and frequent use. Our industrial products perform in the dirtiest and most demanding environments. When it gets to processing and manufacturing, we have products for all mill, pulp, and paper applications. We can help cut, convey, lift, compress, pump, blow, extract, mix, and a great deal more.

Contact:

Call:

Email:

Louis Allis Severe Duty Motors - TEFC

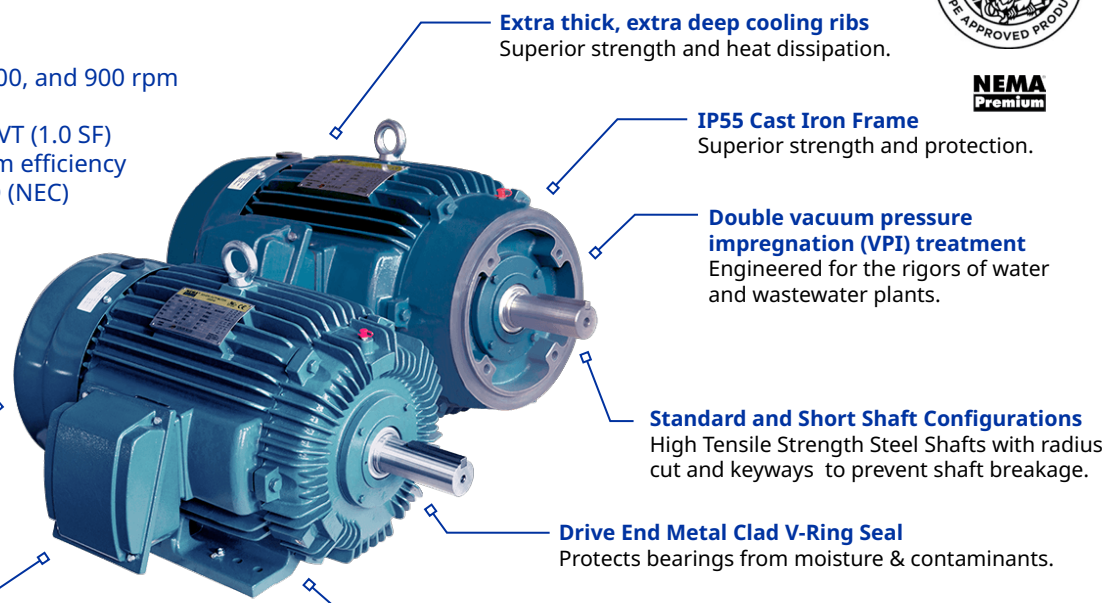
IEEE 45, inverter duty motors are rugged enough for wet environments and taxing conditions. They offer a three-year warranty and an impressive list of features.

Quick Specs

- 1 to 450 hp | 3600, 1800, 1200, and 900 rpm
- 1.25 Service Factor
- Inverter duty, 10:1 CT / 20:1 VT (1.0 SF)
- Design B and NEMA premium efficiency
- Class 1 Div. 2 Groups A,B,C,D (NEC)
- UR, CE, IEEE 45, CC306B
- Class F insulation



NEMA Premium



Extra thick, extra deep cooling ribs
Superior strength and heat dissipation.

IP55 Cast Iron Frame
Superior strength and protection.

Double vacuum pressure impregnation (VPI) treatment
Engineered for the rigors of water and wastewater plants.

Standard and Short Shaft Configurations
High Tensile Strength Steel Shafts with radius cut and keyways to prevent shaft breakage.

Drive End Metal Clad V-Ring Seal
Protects bearings from moisture & contaminants.

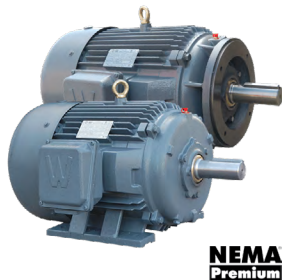
Multiple Mounting Configurations
Rigid base, C-Face with feet or C-Face round body mounting and all frames double punched.

Heavy Reinforced Steel Fan Cover
Superior fan protection.

Junction Box Rubber Dust Curtain
Protects and filters dust.

Premium Efficient, Severe Duty Motors

Reliable, high performance motors well-equipped to power anything from pumps, fans, compressors, blowers, and hydraulic power units.



Premium Efficient Severe Duty

- 1-500 hp | 3600, 1800, 1200, 900 rpm
- Frame size 143T to 586/7, rigid base or C-Face with feet (TC)
- Up to 1.25 Service Factor
- Inverter duty, 10:1 CT / 20:1 VT (1.0 SF)
- IP55 protection | Class F insulation | CSA certified
- CC006A

Shaft Mount Reducers

Our Shaft Mount Gear Reducers offer quality and dependability and can directly replace existing equipment. They are commonly used to transmit power to conveyors and material handling equipment.



- The *Original*, *Eliminator* and *Ultimate* Reducers
- Box sizes 2-12 | 9:1, 15:1, 25:1 ratios
- Industrial grade all cast iron housings
- Tapered bushing type (bushing not included)
- 1-15/16" to 5-7/16" hollow output bores
- Premium quality ball and tapered bearings
- Metal reinforced double lip, spring loaded oil seals
- Two-year warranty
- The *Original* - Dimensionally equivalent to TXT Series

Generators

AC synchronous generators rated for standby or continuous duty to a wide range of equipment, such as pumping systems, pivot systems, and light towers. Built to IEC 600341-1 & -2 requirements, BS4990 & 5000, NEMA MG1 2006, CSA, and CE



Single & Double Bearing

- 4-2100 kW for industrial applications
- Self-ventilated for reliability
- Single-Phase or Three-phase
- Brushless 4 pole at 1800 RPM
- Brushless 2 pole at 3600 RPM

Pancake-style

- Ideal for lighttower applications
- 2-pole units, 60 Hz, 3600 RPM or 50 Hz, 3000 rpm
- 4-pole units, 60 HZ, 1800 RPM or 50 Hz, 1500 rpm
- Dual and single frequency model option

Variable Frequency Drives, Chassis and Enclosed Packages

Total control of your motor applications, from general purpose to severe duty.



- WorldDrive FC, G2, 4X, or N700E models available
- 0.5-800 hp ratings
- 230 and 460 Volt options
- Single-phase and three-phase
- Volts to frequency, slip compensation, and sensorless vector control modes
- Output Frequency 0.01-400 Hz
- Carrier Frequency 1-15k Hz
- NEMA 3R, 4, and 12 enclosure options



Motor Soft Starters, Chassis and Enclosed Packages

Protect against undue load and torque on your motors. Options for standard, heavy, non-combination, and positive displacement (PD) applications.



- WorldStart WSE or WSiQ
- 5-900 hp ratings
- 230, 460, and 575 Volt options
- 2-SCR and 3-SCR Products
- Run-rated internal bypass
- Adjustable current limit 250% to 450%
- Adjustable Motor Trip Class: 2 to 20 seconds
- IP20 19 to 100 A; IP00 140 to 200 A
- True 3-Phase Starter, 350% FLA for 30 seconds
- NEMA 4 enclosures with WorldStart WSE or WSiQ



Across-the-Line Starters

Simple control devices for a wide range of applications.



- General Purpose Motor Starters accessories, parts, incl. Siemens Coils for NEMA Starters
- Siemens Class 14 NEMA Rated Motor Starters, Class 18 MCP and 3RE48 NEMA Rated Pump Controllers
- Solid State Overload Relays and Current Transformers