



Material Handling

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

Quality Products for a Diverse Range of Applications

Worldwide Electric's industrial-grade motors, controls, and speed reducers are ideal for moving, lifting, sorting, and screening applications. Our distributors partner with companies to move goods with speed, efficiency, and reliability.

Material handling is an exceptionally diverse industry with countless products that need to get from point A to point B. We understand the costs and implications of equipment failure and downtime on a conveyor line. Whether your application requires moving packages on a conveyor, sorting aggregate by size, or moving grain up a screw conveyor, WorldWide Electric has a solution for you.

Contact:

Call:

Email:

General Purpose Motors

WorldWide Electric General Purpose Fractional hp motors are designed for use in blowers, pumps, conveyors and many other diverse applications. They feature versatile installation options including vertical shaft up or down mounting and are a great way to simplify inventory.

Single-phase

- 1/3 - 2 hp, 3600 and 1800 rpm
- 115/230 Volts
- 1/3 - 1 hp: Capacitor Start/Induction Run
- 1.5 - 2 hp: Capacitor Start/Capacitor Run for reduced Amperage and high torque
- 56C Frame - C-Face with removable base

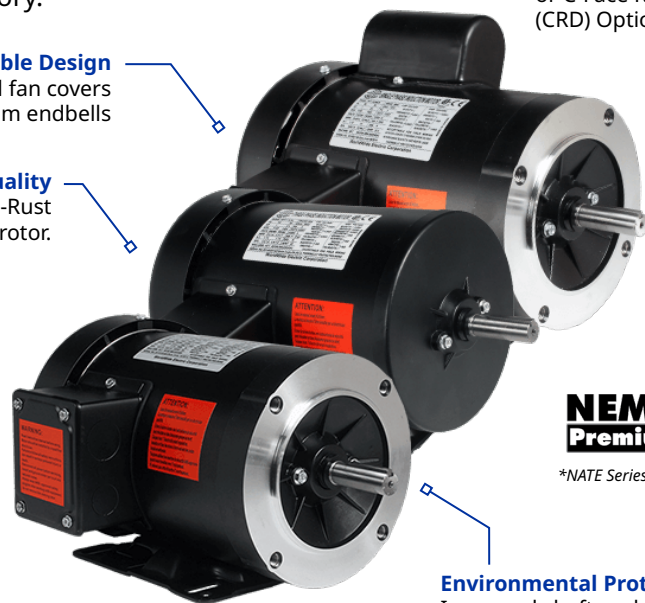
Three-phase

- 1/3 - 3 hp, 3600 and 1800 rpm
- 230/460 Volts
- Premium efficiency (1 - 3 hp, NATE only)
- Inverter rated 4:1 CT / 10:1 VT
- 56C Frame - available with rigid base, C-Face with removable base (CB), and C-Face round body (CRD)

56C Frame - Durable Design
Rolled steel body, steel fan covers and heavy duty aluminum endbells

Internal Build Quality
VPI System and Anti-Rust Film applied to rotor.

IP43 Enclosure
Rigid Base, C-Face with Removable Base (CB), or C-Face Round Body (CRD) Options



*NATE Series Only

Environmental Protection
Improved shaft seal on drive-end protects drive-end bearing

Gear Reducers

Our Shaft Mount, Worm, and Helical Bevel Gear Reducers directly replace existing equipment with quality and dependability, they are commonly used to transmit power to conveyors and material handling equipment.

Shaft Mount Gear Reducers

- Box sizes 2-12
- 9:1, 15:1, 25:1 ratios
- All cast iron housings
- 1 - 15/16" to 6 - 1/2" hollow output bores
- Metal reinforced, double lip spring loaded oil seals
- 2-3 year warranties
- Dimensionally equivalent to TXT Series



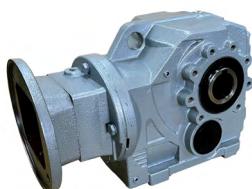
Worm Gear Reducers

- Right angle applications
- Box sizes 133 to 325
- 10:1 to 60:1 ratios
- All cast iron housings, carbon steel shafts and aluminum bronze gear
- Dimensionally equivalent to Boston 700 Series



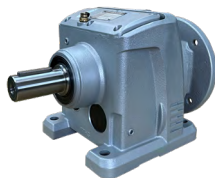
Helical-Bevel Gear Reducers

- Box sizes 37 to 97 | 3/4 to 30 hp
- 2:1 to 120:1 ratios (plus custom)
- All cast iron housings
- Hollow output bores
- NEMA C-Face, no coupling required
- Dimensionally equivalent to most European brands



Helical-Inline Gear Reducers

- Box sizes 13 to 147 | 1/4 to 100 hp
- 2:1 to 120:1 ratios (plus custom)
- NEMA C-Face, no coupling required
- Dimensionally equivalent to European R Series brand



Parallel Shaft Helical Gear Reducers

- Box sizes: 37-97 | 1/4 hp to 25 hp
- 4:1 to 180:1 ratios
- All cast iron housings
- 20rMo alloy steel gears reduce stress, corrosion and noise
- Powerlock option available
- Drop-in compatibility with most major European-produced reducer brands



Generators

AC synchronous generators rated for standby or continuous duty to a wide range of equipment, such as pumping systems, and pivot systems.

- AC Synchronous
- Brushless 4-pole, self-ventilated alternators
- Double or single bearing
- 60 Hz at 1800 rpm or 50 Hz at 1500 rpm
- CSA approved



IEC Metric Motors

Designed for the needs of our customers utilizing equipment manufactured overseas. Our IEC motors operate at IE3 Efficiency at 50 Hz and are NEMA Premium Efficient at 60 Hz operation.

- TEFC Enclosure
- 1/4 to 25 hp | 3600, 1800, and 1200 rpm
- 230/460 Volt, 60 Hz
- 190/380 Volt, 50 Hz
- IP55 protection
- IEC60034-1 & CE Certified



Aluminum Worm Gear Reducers

- NEMA and IEC input compatibility
- Box sizes 30 to 90
- 7.5:1 – 100:1 ratios
- One-piece aluminum alloy for lightweight strength



Chassis and Packaged, Motor Soft Starters and Variable Frequency Drives

We offer configured and fully customizable options for complete motor control. They are UL-compliant, assembled, tested, and ready for operation before shipment. The heavy-duty enclosure protects in the most demanding outdoor environments.

- NEMA 3R, 4, & 12 enclosure options
- Choice of WorldDrive VFD or WorldStart Soft Starters
- Control motors from 1 to 800 hp
- Multiple sizes, features and configuration options
- Standard options in-stock ready for immediate delivery



Across-the-Line Starters and Ancillary Controls

Simple control devices for a wide range of applications. WorldWide Electric and Siemens Brands.

- General Purpose and Class 14 NEMA Motor Starters
- 3RE48 NEMA Rated Pump Controllers with ESP200
- Class 18 MCP Type with Solid State Overload
- Solid State Overload Relays, Alternator Relays and Current Transformers
- Siemens Coils for NEMA Starters
- Safety, Disconnect Selector and Pressure Switches
- Pilot Devices, Push Buttons and Indicator Lights
- Contactors & Auxiliary Contact Blocks
- Drum Controllers

