



# Agriculture and Farming

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

## RELIABILITY - DAILY USE IN DEMANDING CONDITIONS

We understand farming is tough! Buying motors, drives, and gear reducers for agricultural applications exceeds an attractive price. Farming and agriculture applications require equipment designed and built to handle the rigors of weather, tough starts and stops, frequent use, and always-on situations.

We have quality and affordable products in stock and ready to ship. Contact your local distributor and motor shop and ask for Worldwide Electric because your profits and livelihood depend on the reliability and quality of your equipment.

**Contact:**

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**Call:**

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**Email:**

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## Farm Duty Motors

WorldWide Electric's single-phase **Totally Enclosed Fan Cooled (TEFC)** Farm Duty motors support general-purpose agricultural applications, such as moving materials on conveyors, lifts, screws, augers, and elevators, or for driving fans and centrifuges when ventilating, drying, or aerating storage bins and buildings.

**Shaft Seals on Both Ends of the Motor**  
To protect against the elements, dirt and debris.

**Manual Overload**  
Protects against high current situations.

**High Torque**  
Built for tough starts, stops, cycling, and frequent use.

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

**Shaft Seal on Drive-End**  
To protect against the elements, dirt and debris.

**Integral**  
- Output: 2-10 hp  
- Voltage: 230 V  
- Speed: 1800 rpm  
- Frequency: 60 Hz  
- Service Factor: 1.15 SF  
- Protection: IP55

**C-Face or Rigid Base**  
Both Fractional and Integral models offer versatile mounting options.

**Fractional**  
- Output: 1/3-2 hp  
- Voltage: 115/230 V  
- Speed: 1800 rpm  
- Frequency: 60 Hz  
- Service Factor: 1.15 SF  
- Protection: IP54

## Vertical Hollow Shaft Motors

Designed for use in standard and high-thrust turbine pump applications, such as pivot systems, deep wells, and groundwater pumping applications. VHS motors offer premium efficiency, corrosion-resistant epoxy paint, epoxy-coated rotor and windings, and a felt end bell seal that protects from pump seal failure.



- Two-year warranty
- 10-500 hp | 1800 rpm
- IP23 weather protected enclosure
- Standard coupling size included
- Double thrust bearing design (100-500 hp) for deeper well applications

## WorldDrive Chassis Variable Frequency Drives

WorldWide Electric has a Variable Frequency Drive Chassis for almost any control application.



- Flex Control, G2, 4X, or N700E Drive
- 0.5-650 constant torque hp 230 & 460 Volts
- Single-phase and three-phase
- Volts to frequency, slip compensation, and sensorless vector control modes



## Gear Reducers

Our Shaft Mount and Worm Gear Reducers directly replace existing equipment with quality and dependability. In agriculture, 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

## WorldDrive Variable Frequency Drive Packages

Fully configurable packaged solutions for motor control 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, and 12 enclosure options
- Choice of N700E or WorldDrive Flex Control VFDs
- 2 hp through 800 hp with WorldDrive Flex Control VFD
- Broad range of available sizes, features, and configuration options available
- Standard options in-stock ready for immediate delivery

## WorldStart Motor Soft Starter Packages

Fully configurable packaged solutions for reducing the load and torque when starting and stopping your motors. They are UL-compliant, assembled, tested, and ready for standard-duty, heavy-duty, and positive displacement pumping applications.



- NEMA 4 enclosures with WorldStart WSE or WSiQ,
- 5 hp through 300 hp @ 230 V
- 20 hp through 600 hp @ 460 V
- Broad range of available sizes, features, and configuration options available
- Standard options in-stock ready for immediate delivery

## Generators

Our double-bearing, AC synchronous generators are rated for standby or continuous duty to various farm equipment, such as pump motors and pivot systems.



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