

HIGH-PERFORMANCE CUSTOM PERMANENT MAGNET AC MOTORS

Powertec manufactures custom Permanent Magnet AC (PMAC) brushless motors that provide high dynamic response, high performance and reduced power consumption for energy savings.

MOTOR EXPERTS SINCE 1987

POWERTEC Motors are designed for torque, high speed performance and positioning applications in any environment. Powertec motors are made in the United States and deployed globally. Engineers, system designers, end users and original equipment manufacturers rely on the performance, reliability and size of Brushless AC Motors up to 400 HP in NEMA standard frames.

FEATURES AND BENEFITS

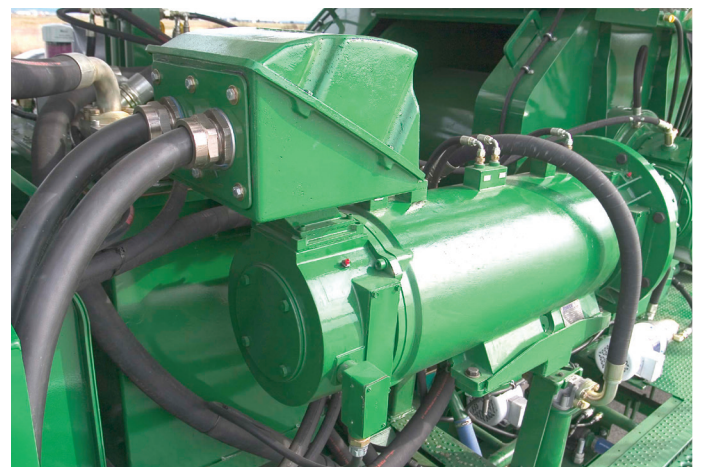
- Standard two-year warranty
- High power density design results in smaller package
- High efficiency motor technology
- Lower energy consumption
- High dynamic response and performance
- Lower operating temperatures
- Extended bearing life and lower maintenance costs
- Reduced down-time and improved reliability
- Patented dual finned aluminum frame for high thermal efficiency
- Continuous power ratings up to 400 HP and 2200 lb-ft
- Peak power up to 200 percent of rated power
- UL Certified, CSA Listed

ENCLOSURES

TENV, TEAO, TEFC, TEWC, DPBV, DPSV, DPF, TEXP, Custom

SPEED RANGE

- Constant-torque speed ranges up to 1000:1 and constant-horsepower designs available
- High rotor speeds up to 12,000 RPM for standard NEMA Frames, and up to 20,000 RPM for customized designs



INDUSTRIES

- Military
- Material Handling
- Mining
- Power Generation
- Oil & Gas
- HVAC
- General Industrial
- Railroad
- Construction Equipment