

Low Voltage AC Electric Motors



Joy Global's electric motor rebuild facilities cater to all types and sizes of low voltage AC electric motors. Regardless of the industry, Joy Global has the experience and knowledge to provide the necessary support for:

- Hazardous location from coal mining, petro-chemical and industrial
- Wound rotor motors (slip-ring)
- Compressor application
- Coal handling and processing plant application
- Vibrator motors
- Fan motors
- Pump and submersible pump units
- Variable speed applications
- Thrustors and thrustor brake units

Joy Global's service capabilities for AC low voltage motors include:

- 24 hour / 7 day support throughout Australia
- Overhauls and repairs
- Authorised by NATA and DPI for the overhaul of Hazardous Area Electrical Rotating Equipment (AS3800)
- Stator and rotor rewinds and redesigns - all windings rewound to Class "H" insulation
- Temperature controlled burn-out ovens and core loss testing to ensure efficiencies are maintained
- Authorised repair facility for products from Joy Global, Reliance, Morley, Eickhoff and WEG
- Dynamometer full load testing and variable frequency up to 90 Hz
- Stock and supply of new AC motors for all applications available 24/7
- In-house mechanical capabilities for machining, manufacture, balancing and reclamation
- Comprehensive inspection and test reporting
- VPI (Vacuum Pressure Impregnation) encapsulation systems

Contact us about these and other service capabilities



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