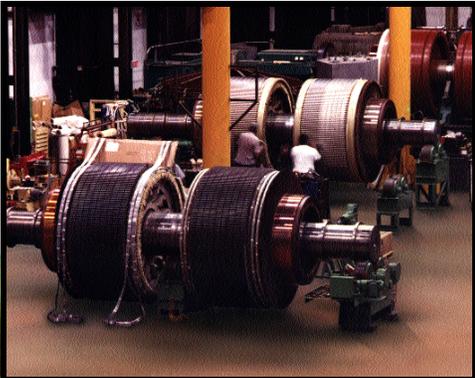


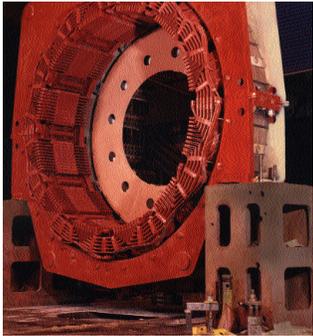
Genuine OEM Renewal Parts And After - Market Services

For Westinghouse Large Motors



Our Commitment:

Total Life Cycle Support



In installations around the world, Westinghouse motors are keeping companies up, running and productive. But when equipment failure stops and reduces production, or spares are needed for maintenance and repair, the availability of dependable renewal parts is essential.



Recognizing the demand for reliable equipment performance, TECO-Westinghouse Motor Company has made the commitment – and the investment required – to ensure that reliable parts and services for Westinghouse motors and generators are available.

Customer satisfaction entails a responsibility to provide total life cycle support for an installed base of apparatus, whether it be replacement parts and assemblies, specialty manufacturing, spares, service, technical information or product revamps and upgrades.

For many customers, life extension programs offer far greater value than parts supply alone. Drawing upon time-tested Westinghouse technologies to refurbish motors to meet original performance levels is an everyday occurrence with our After-Market Services Group.

Outstanding support for TECO-Westinghouse Motor Company customers is just another part of our commitment to customer satisfaction through our ability to restore equipment performance.

GENUINE ECO-WESTINGHOUSE MOTOR RENEWAL PARTS AND COMPONENTS WILL:

- Restore performance to optimum levels
- Extend equipment in-service life
- Reduce on-going maintenance costs
- Minimize down time
- Ensure that you receive the right part for your specific application requirements



This wound stator is being prepared for vacuum pressure impregnation.



Laminated steel frames provide exceptional electrical response characteristics.



Massive reaction-type brush holders provide optimum commutation in DC applications.

High Quality Parts and Services for Your Westinghouse Large Motors

Headquartered in Round Rock, Texas, TECO-Westinghouse Motor Company's After-Market Services Group supplies direct replacement parts and components and a broad variety of technical services that can be of great economic value to owners of large Westinghouse motors in the manufacturing, heavy industrial, utility and marine markets. Customers worldwide can rely on the After-Market Services Group for assistance on form wound, medium voltage and high voltage (through 13.8 KV) motors ranging from 200 HP to over 80,000 HP.

Over 400,000 Westinghouse Motor Designs On File

With direct access to original designs and drawings for more than 400,000 Westinghouse large motors and generators plus the latest technologies in manufacturing, service and engineering, the After-Market Services Group is the only genuine OEM source for Westinghouse large motor parts, components and services including...

On-Site Technical Assistance

TECO-Westinghouse Field Service Representatives are available to provide technical assistance at your site for problem diagnosis and resolution as well as accurate determination of replacement parts and maintenance needs.

Design Engineering and Consultation

A team of experienced design engineers is available to perform design analysis and evaluation for modifications, application and maintenance problem resolution, upgrades, reapplication, and redesign and remanufacturing to new ratings. Engineering studies can be performed to provide technical analysis and guidance for a broad variety of owner needs.

Drop-In Replacement Components and Assemblies

With original designs and drawings on file, TECO-Westinghouse can manufacture complete drop-in replacements for major components such as:

- Rotors and wound stators for AC and synchronous machines
- Armatures and field frames for DC machines
- Field pole assemblies for synchronous and DC machines

Manufacturing can be completed without shutting down existing equipment and in advance of scheduled outages to minimize downtime for component changeout. This allows motor owners to control outage time and extend motor life without the inconvenience and economic loss incurred when a critical motor failure forces unscheduled downtime.

Manufacturing and Repair Services

Motor inspection, reconditioning, repair and rewind services, including Vacuum Pressure Impregnation (VPI) and extensive testing services, are available at TECO-Westinghouse's 500,000 square foot, air conditioned manufacturing and service facility.



ORIGINAL EQUIPMENT COMPONENT SUPPLY

Genuine OEM Renewal Parts and components are available for all Westinghouse heavy industrial motors and generators including:

- ▲ NEMA Frame
- ▲ World Series Motors
- ▲ M-Series Motors
- ▲ H and HAC Series Motors
- ▲ PAM Motors
- ▲ FA Motors
- ▲ Synchronous Motors
- ▲ DC Motors

The TECO-Westinghouse Motor Company After-Market Services Group provides value-added services and technical support to help customers achieve reliable performance and life extension of Westinghouse large motors.



**Commonly Purchased Spares For Westestinghouse Large Motors
(Form Wound - 2,300V to 13,800V)**

Parts/Components	Large Induction Motors	Synchronous Motors	DC Motors
Bearings	▲	▲	▲
Oil Rings	▲	▲	▲
Bearing Seals	▲	▲	▲
Bearing Caps	▲		
Field Coils		▲	
Armature Coils			▲
Stator Coils	▲	▲	
Collectors		▲	
Main fields/ field coils			▲
Rotor Bars	▲		
Commutating Poles/Coils			▲
Resistance Rings	▲		
Complete Stators	▲	▲	
Complete Rotors	▲	▲	
Control Wheel Components		▲	
Brushholders			▲
Brushes			▲
Complete Armatures			▲
Complete Field Frames			▲
Commutators			▲

**Are you prepared if your motor fails?
Minimize costly plant interruption by having spare parts available.**



The After-Market Services Group is located at the TECO-Westestinghouse Motor Company headquarters in Round Rock, Texas.

The TECO-Westestinghouse Motor Company After-Market Services Group provides genuine TECO-Westestinghouse replacement components and engineering consultation on Westestinghouse large motors and generators, including marine equipment.

To inquire or place an order, please have complete nameplate data of the machine. Then provide the After-Market Services Group

with this information and a description of the part desired. A serial number or shop order (S.O.) number for the motor is required as a minimum.

For more information, contact your local TECO-Westestinghouse representative or contact the After-Market Services Group direct at our Round Rock, Texas, headquarters.

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