

Lead times as low as 8 weeks for standard motors.  
Comprehensive care and service programs.  
120 years of proven success in extreme environments.



### **Highly Engineered Power Solutions for Global Oil and Gas Customers**

Ward Leonard motors and controls harness power for complex, technical and mission-critical infrastructure applications in extreme environments. We solve difficult challenges allowing our customers worldwide to focus on the business of oil and gas exploration. Our exceptionally knowledgeable and responsive team is dedicated to total customer support and satisfaction, from custom engineering to integrated solutions that maximize efficiency and productivity at the rig site.



**Ward Leonard**  
Excellence in Motor and Control Solutions™

For more than 120 years, Ward Leonard's industry-leading motors and controls have provided efficient, reliable power to our customers in Oil and Gas, the Military, Mining and Material Handling, and Alternative Energy. We develop advanced technologies that are built to perform under extreme temperatures, environments and conditions on land and sea.

## Powering Naval Supremacy

Ward Leonard has developed cutting-edge motors and controls that meet tough Mil-Spec standards for more than a century. Our innovative solutions play an integral role in delivering power for submarines, surface vessels and land defense systems.



Photo courtesy of the U.S. Navy

## Powering Heavy Industry

From mining and material handling to nuclear power plants, our motors and controls harness power for mission-critical applications where performance, safety and reliability are of vital importance.



**Ward Leonard**

Excellence in Motor and Control Solutions™

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ABS-certified



ISO 9001:2008-certified



ATEX-approved



CSA-approved



CETL-approved

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## Powering Oil & Gas Exploration

Solutions for top drives,  
mud pumps, draw works  
and much more.

**Built to perform.  
Built to last.**



**Ward Leonard**

Excellence in Motor and Control Solutions™



400 HP



600 HP



1,150 HP



1,350 HP



1,500 HP



Diesel Engines



Control Houses



# The New Benchmark in Performance, Productivity and Durability

## Delivering Excellence in Motor and Control Solutions

When you are drilling for oil and gas, the stakes are high and the costs of downtime even higher. That's why more companies worldwide trust Ward Leonard to provide field-tested, and battle-proven solutions for their most demanding oil and gas applications. To drill deeper, go longer, absorb the abuse of rig life and withstand the most severe environments, customers rely on Ward Leonard's highly engineered motors and controls.

## Extract the Most From Your Rig Site

Built to exceed the toughest military requirements, Ward Leonard AC motors and control systems are further refined for the harshest treatment and hostile environments of rig sites around the world. Our motors and controls are designed for years of trouble-free service, supplying continuous power to all your hard working top drives, drill works, mud pumps, rotary tables, control houses and diesel gensets.

Our 400 HP – 1,500 HP motors are engineered for severe environments and include:

- ◆ Vacuum pressure impregnation
- ◆ Shock and submersion testing
- ◆ Class H insulation
- ◆ Class F heat rise
- ◆ ABS and ISO 9001:2008 certifications
- ◆ ATEX, CSA and CETL approved

And, to ensure your operation runs smoothly, Ward Leonard provides a variety of custom integrated control solutions for all your power and equipment needs. If you're looking for drag-and-drop rig control houses or control systems for diesel gensets, Ward Leonard can design a solution to fit your needs.

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