CHOOSE THE BENCHMARK

Unmatched Experience
Whether facing remote locations, harsh environments or rotordynamically demanding operating conditions, industry leaders trust Waukesha to deliver superior magnetic bearing systems they can rely on for the life of their machinery. For over three decades, Waukesha has applied proven magnetic bearing technology to advance the performance of rotating equipment. These years of application experience have provided Waukesha engineers the opportunity to closely collaborate with both original equipment manufacturers and end-users to enhance software functionality, refine key features and broaden our product offering.

Magnetic Bearing System Benefits:
- Lowest total cost of ownership
- Proven high availability
- Environmentally friendly
- Increased plant safety

Systems Designed For:
- Oil and gas applications, including onshore, offshore and subsea equipment
- Petrochemical and process equipment
- Nuclear and conventional power generation
- Renewable and developing technologies

www.waukeshabearings.com

Waukesha Magnetic Bearings
Unit K, Downlands Business Park, Lyons Way
Worthing, West Sussex BN14 9LA, UK
© 2009 Copyright

MAgNETiC BEARiNg SySTEMS
for High-Performing Rotating Equipment
Technology Leadership

Technology leadership is at the forefront of every Waukesha magnetic bearing system. With the industry’s most sophisticated software, Waukesha provides remote diagnostics and adjustment, advanced dynamic control algorithms, and enhanced investment protection using ‘intelligent’ trip technology.

Our customers benefit from remote commissioning, diagnostics and tuning without the need for on-site technical support, reducing the cost and complexity of service and significantly improving availability. Waukesha’s robust systems have achieved availability over 99.9% without special redundancy provisions, making them the standard for mission-critical applications. Support from proven auxiliary bearing technology and around-the-clock remote service ensures optimum uptime...wherever our systems are operating globally.

With advanced control systems and sensor technology, unique auxiliary bearings and specialised ‘canned’ magnetic bearing hardware, Waukesha optimises system solutions to meet the most stringent application requirements.

Waukesha Magnetic Bearings is the global leader in magnetic bearing technology for large turbomachinery and high-performing rotating equipment. Our expertise comes from more than 30 years of developing solutions for the industry’s most critical and challenging applications. Today, we combine this knowledge and experience with a broad range of magnetic bearing software and hardware configurations to serve the world’s leading original equipment manufacturers and end-users in oil & gas, power generation and defence markets.

Headquartered in Worthing, UK, Waukesha Magnetic Bearings operates as part of Waukesha Bearings Corporation, a global leader with technology and application experience in both custom-engineered hydrodynamic and magnetic bearing systems. Waukesha optimises bearing solutions for high-performing rotating equipment, including gas, steam and hydro turbines, centrifugal compressors, gearboxes, motors, generators and pumping systems. With engineering, sales and manufacturing locations worldwide, we provide localised support to our customers around the globe.

Waukesha Bearings Corporation is an operating company of Dover Corporation, a diversified manufacturer of products and systems serving industrial markets. Together with Dover, Waukesha is committed to investing in knowledge development and advanced technologies to better serve our customers.

Air-cooled digital controllers are engineered for minimal maintenance and high reliability across a broad range of turbomachinery applications. These controller options are optimised for specific applications and accommodate a variety of input power systems while interfacing easily with plant supervisory and protection systems.

Our customers benefit from remote commissioning, diagnostics and tuning without the need for on-site technical support, reducing the cost and complexity of service and significantly improving availability. Waukesha’s robust systems have achieved availability over 99.9% without special redundancy provisions, making them the standard for mission-critical applications. Support from proven auxiliary bearing technology and around-the-clock remote service ensures optimum uptime...wherever our systems are operating globally.

With advanced control systems and sensor technology, unique auxiliary bearings and specialised ‘canned’ magnetic bearing hardware, Waukesha optimises system solutions to meet the most stringent application requirements.