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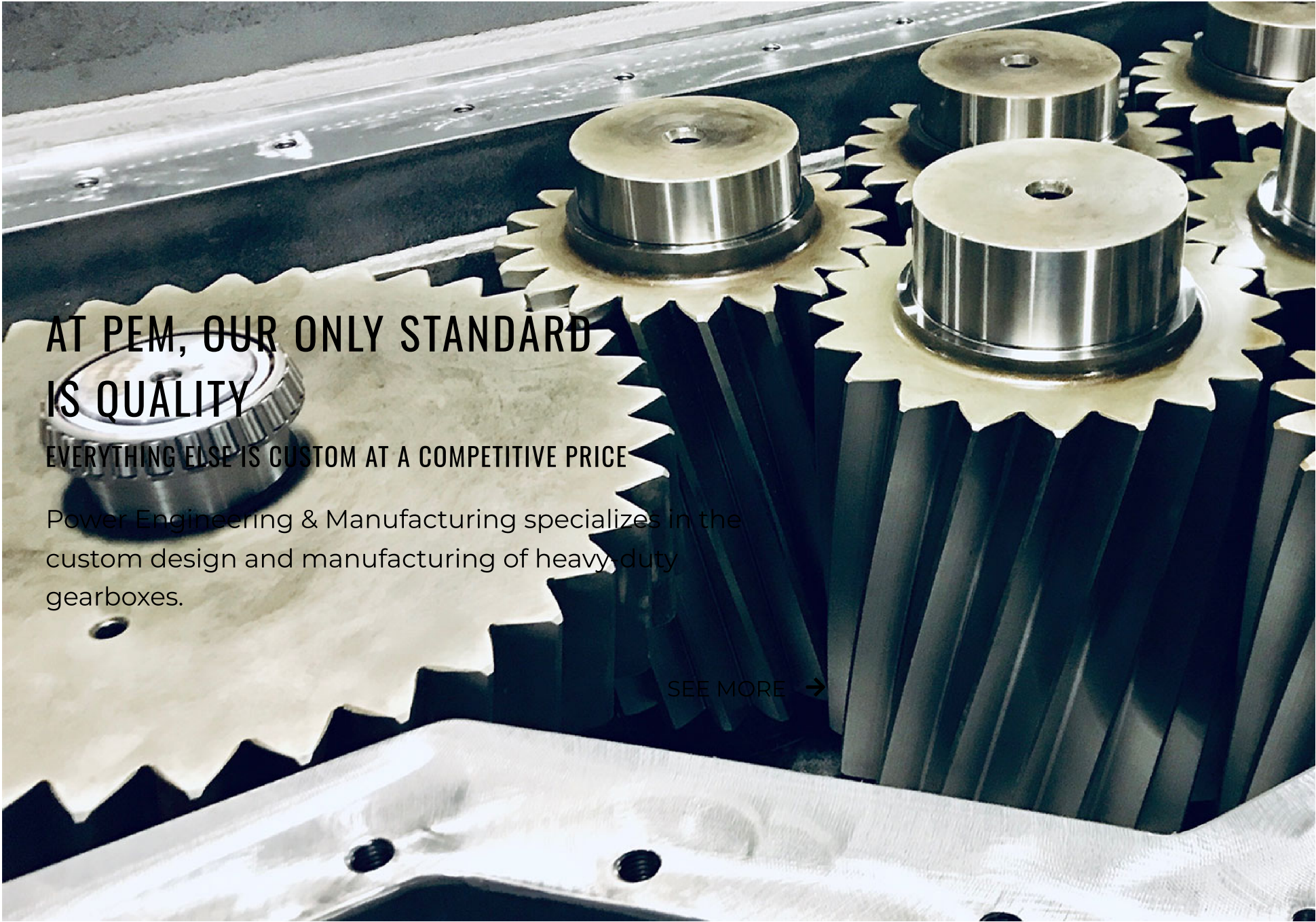


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WELCOME TO PEM

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OVER
50
YEARS OF PROVEN EXPERTISE IN
DESIGN AND APPLICATION ENGINEERING

WE HAVE BEEN DESIGNING CUSTOM GEARBOXES FOR OVER 50 YEARS AND ARE WELL-VERSED IN ADVERSE APPLICATIONS.

AD-43 GEARBOXES FOR U.S. NAVY
FEATURED PROJECT

More →

From helicopter test stands to roll crushers, in any environment imaginable, our units will work for you.

Our product and service solutions are tailored to the specific needs of our customers, and we offer first-class support for the most reliable and robust new and rebuilt gearboxes in the industry.

Our advanced engineering enables us to reach the greatest power density in the industry while increasing both durability and efficiency, and our specially designed facility is large enough to meet your needs.

ABOUT US →
(/ABOUT)

At PEM, our units are designed and built to exceed AGMA standards and our customers' expectations.

We tailor our product and service solutions to the specific needs of our customers while providing first-class support for the most reliable and robust products in the industry. Our advanced engineering enables us to reach the greatest power density in our gearbox designs while our experience in the various industries we support, provide a solution based offering to all customers.

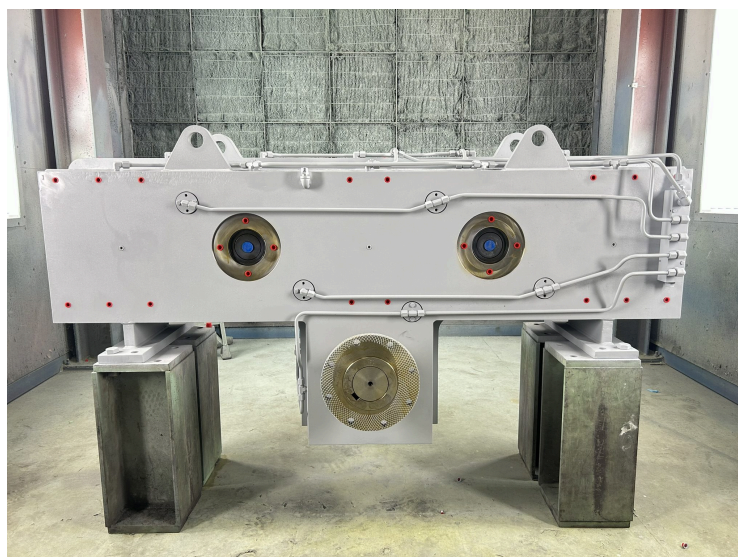
PRODUCTS →
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We design and manufacture solutions to meet our customers' specific applications.

Based on our customers' requirements, and detailed engineering reviews, PEM is able to provide customized products where typical COTS manufacturers fall short. PEM is involved in all stages of the project, from engineering collaboration through installation. PEM will design to your requirements and build to your print specifications providing a custom solution.

SERVICES →
(/SERVICES)

L A T E S T N E W S



New Design Pump Drive Gearbox for the Oil & Gas Industry

Read More → (<https://www.pemltd.com/news-post/new-design-pump-drive-gearbox-for-the-oil-gas-industry/>)



PEM Designs and Manufactures Gearboxes for the Amphibious Assault Ship USS Bougainville (LHA 8)

Read More → (<https://www.pemltd.com/news-post/pem-designs-and-manufactures-gearboxes-for-the-uss-bougainville-lha-8/>)



PEM Awarded Prototype Gearbox for DARPA’s “No Manning Required Ship” (NOMARS) Project

Read More → (<https://www.pemltd.com/news-post/pem-awarded-prototype-gearbox-for-darpas-no-manning-required-ship-nomars-project/>)

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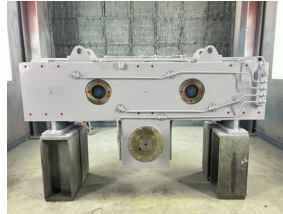
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NEW DESIGN PUMP DRIVE GEARBOX FOR THE OIL & GAS INDUSTRY

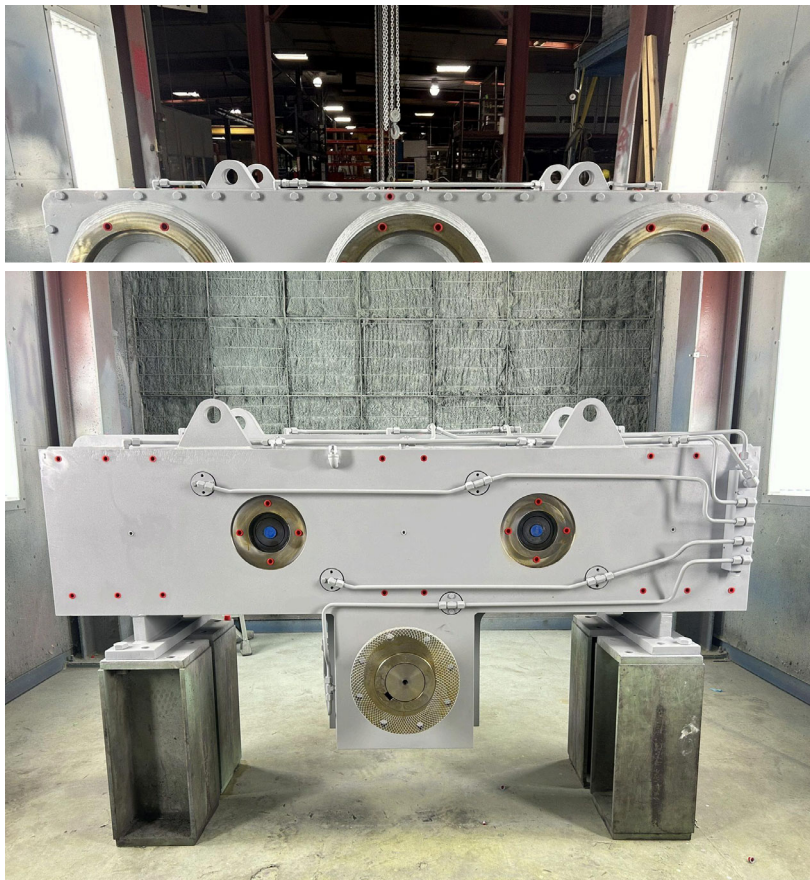


NEW DESIGN PUMP DRIVE GEARBOX FOR THE OIL & GAS INDUSTRY

Power Engineering & Manufacturing recently shipped serial number 1 of our new design pump drive gearbox for the Oil & Gas industry. This pump drive gearbox will be used on the new electric hydraulic fracturing pump trailers. The PEM Engineering and Sales Teams worked with our customers' engineering team and four other vendors on this project to ensure the design met all required e-frac pump trailer specifications. The end goal of the e-frac units will be to replace the outdated diesel units. By utilizing the electric hydraulic frac fleets, it eliminates the diesel engines thereby eliminating the high maintenance costs of transmissions, radiator repairs and oil changes. By switching to the e-frac fleets, it will use 100% clean burning natural gas and can bring fuel cost savings of \$1.5 mm per month.

This is a great opportunity for Power Engineering & Manufacturing. We are looking forward to continuing to expand our footprint in the Oil & Gas industry. At PEM, we don't ship a gearbox and forget about it, because we recognize that every unit, we ship out of our facility is a reflection of our expertise and the core values that make us who we are. We stand behind our product 100% and are committed to providing immediate response no matter when or where the need arises. You will find that we are just as committed to making this new venture a success for our partner as we are to our own.

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