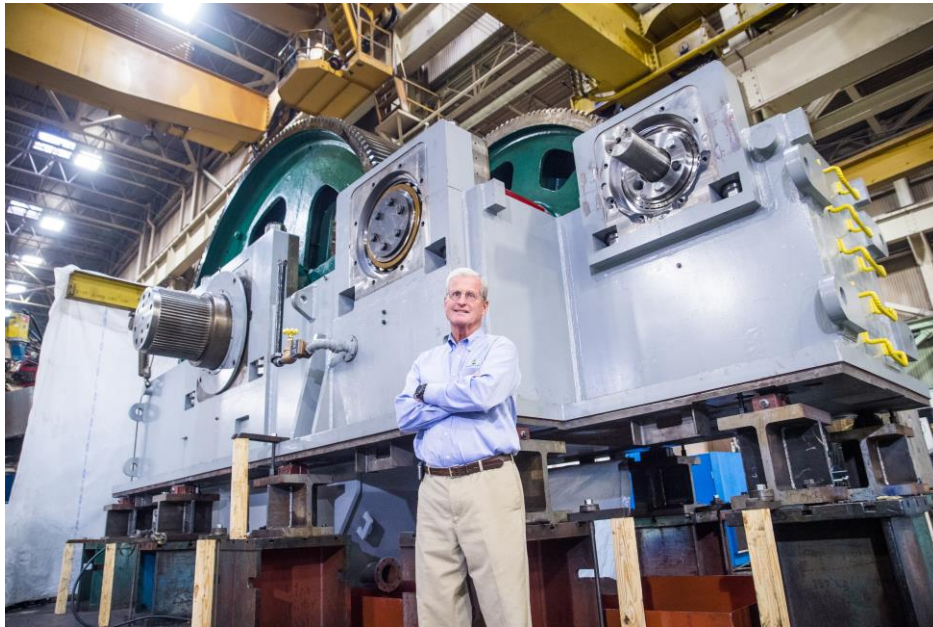


Horsburgh & Scott
5114 Hamilton Avenue
Cleveland, Ohio 44114
216-431-3900
inquiry@horsburgh-scott.com



HORSBURGH & SCOTT
GEAR UP

News Release
For Immediate Release



Horsburgh & Scott Builds its Largest Gearbox in 130 Years of Business

Huge Steel Mill gearbox was built to replace a 30 year old unit,
and improved with modern gearing technology.

Cleveland, OH: May 16, 2016 – Horsburgh & Scott completed building the largest replacement gearbox they have ever manufactured. The unit is a gigantic R2 Steel Rolling Mill Gearbox manufactured by Horsburgh & Scott to replace a 30 year old unit for a large steel company in Ohio. The R2 gearbox is the first in a series of gearboxes that roll steel sheets into a desired thickness, thinner and thinner through each gearbox, and after the finishing process, producing steel as thin as 1/8 of an inch.

The original version of this unit was created in the 70's in the Pittsburgh area and had exceeded its life span of around 30 years. As steel materials have become stronger through the years for industries such as automotive production, the size of the steel mill rolling gearboxes have increased to accommodate the necessary high-pressure and torque needed for manufacturing.

“We applied modern gearing technology created in the last few years to engineer this unit with increased torque and improved quality gearing,” said Chris Horsburgh, 4th generation member of the founding Horsburgh family and lead on this project. “The new AGMA quality standard of this R2 gearbox is 12 and 13, compared to the old gearing AGMA quality of 8. That is an overall quality improvement of 10 times since they were originally produced. This new gearbox will have a significantly longer life,

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higher efficiency, better tooth contact and much longer service in the field. 20,000 horsepower at almost 30 RPM is an incredible torque accomplishment for a gearbox this size!" added Horsburgh.

About Horsburgh & Scott

Horsburgh & Scott is a worldwide leader in engineering, manufacturing and maintaining gears and gearboxes. The company offers custom mid and large size gearing and preventive maintenance solutions for mining, metals processing, sugar processing, oil and gas drilling, and a wide variety of other industries. It has been in business for nearly 130 years and has manufacturing operations in the US and sales and service worldwide. For additional information about Horsburgh & Scott:

Visit: www.horsburgh-scott.com

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