

# 2018 Engineering Showcase

## The Gear Works/Machinists Inc.



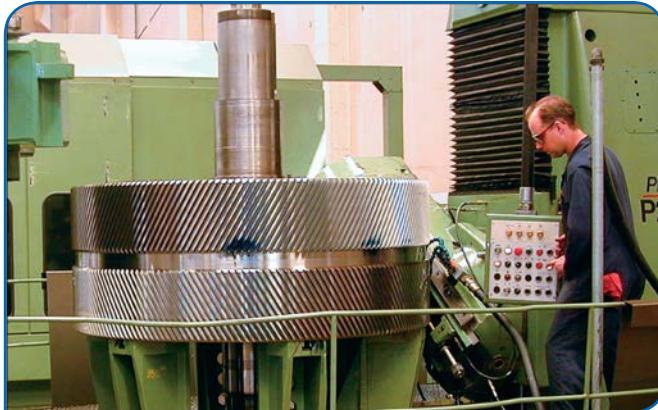
### The Gear Works integration into Machinists Inc. in full swing!

On February 5th, 2018, Machinists Inc. purchased the assets of The Gear Works –Seattle, Inc., a world-renowned gear maker with a 72-year history. On June 28th, MI auctioned older, redundant machinery making room for expansion.

### Large high quality gears and machining

Machinists Inc. is now one of the largest and most diverse gear manufacturing companies in North America. MI services many industries, including power generation, mining, wind, oil and gas, steel, marine, aerospace, and others.

MI is able to cut gears to 250 inches in diameter and grind gears to 102 inches in diameter. Our wide range of machinery includes CNC gear grinders, CNC gear shapers, CNC gear hobbing machines, and Maag gear shapers. We have a large selection of modern CNC equipment including large CNC lathes, cylindrical grinders, and large 5 axis CNC mills.



#### Marine Gears

Marine gears are typically double helical and frequently require tooth contact matching in a roll stand. Special care is given to align the apex of both left and right hands exactly perpendicular to the axis of the gear.

### Full service gearbox repair and test center

MI operates a full service gearbox repair and test center dedicated to the dependable overhaul and enhancement of gear drives. We service most gearboxes regardless of original manufacturer.

MI is able to improve existing gear drives. We have greatly increased the horsepower capacities and service life of many chronically ill gearboxes by analyzing existing components and providing better gears. We are also skilled

7600 5th Ave. South, Seattle, WA 98108

Phone: (206) 763-0990  
Fax: (206) 763-8709

E-mail: jerrym@machinistsinc.com  
[www.machinistsinc.com](http://www.machinistsinc.com)



#### Industrial Gears

There are many different types of industrial gears with a large variety of service applications and requirements, MI has developed the capability and capacity to successfully complete the most challenging industrial gearing projects.

at saving existing components and refurbishing parts when possible, resulting in significant savings for our customers.

When necessary, we also assist in redesigning customers' gear trains using modern engineering tools, current design standards, and state-of-the-art manufacturing technologies.

If there is a need for precision gears and power transmission services. MI is able to not just fix, but improve complex gear drives. Call the precision gear machining experts at Machinists for reliable handling of your project.

Machinists Inc. is committed to continually improve our gear making capacity and quality. Call us for an estimate on your next gearing requirement.



#### Wind Energy Gears

Today, MI manufactures gears for wind turbines that are designed with sophisticated tooth modifications, utilizing the finest metallurgy and the most modern gear manufacturing techniques.