

Marine Industrial Gears

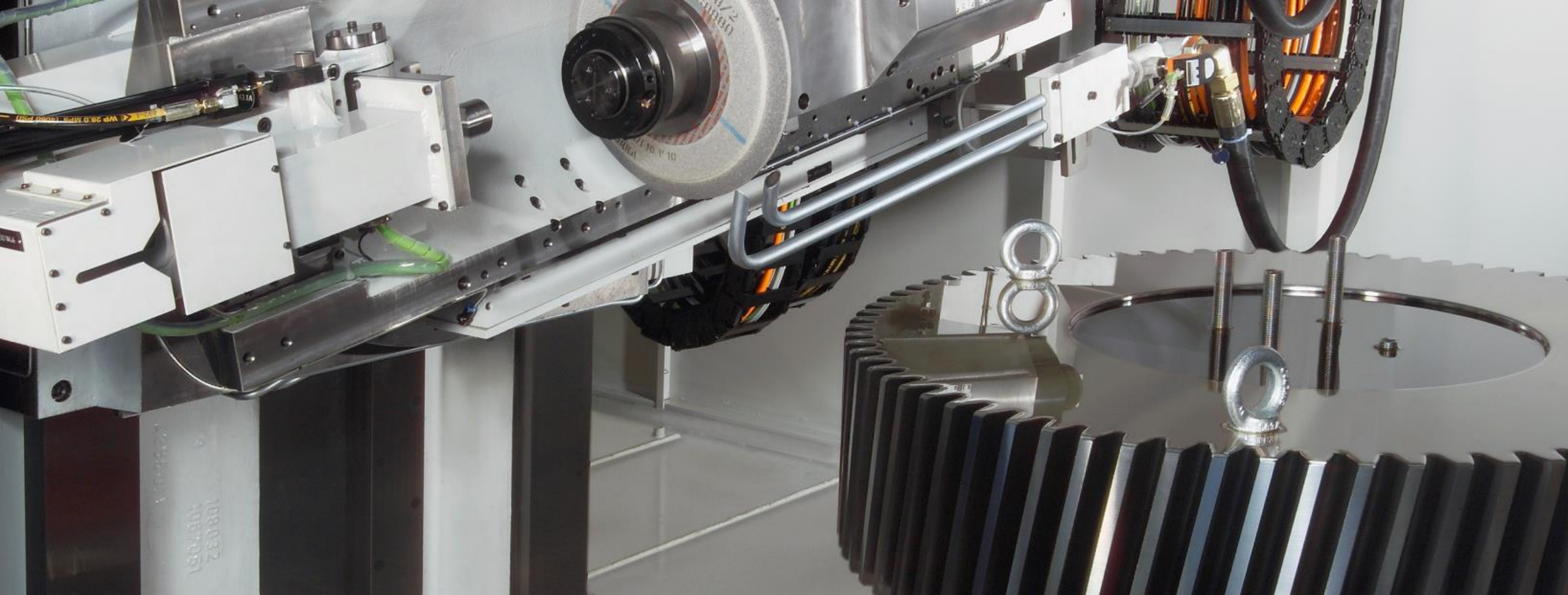
REPAIRS, INPLACE MACHINING,
MANUFACTURING & SERVICING GEARS
WORLDWIDE



Gear Manufacturing

- The Gleason Gear Grinder will arrive and be set up and running August 1, 2022.
- Cutting edge technology in gear grinding
- Gleason Gear Grinder can rough, and finish grind up to highest AGMA any gearing up to 2 meters or 79 inches.
- We will be manufacturing all main elements such as: bull gears, pinions, idler gears, etc, for all makes and models of marine and industrial gearboxes.





Gleason P1600 / 2000G

Arriving at our facility on August 1, 2022

Capabilities (cont.)

- Kiss grind all elements up to 79 inches or 2m in diameter.
- All manufacturing will be in house to minimize downtime.
- Lightning fast turn around on all gear elements.



Example: For large double helicals

In Situ Line Boring

- State of the art Climax Line Boring (including electric feed) equipment for all reduction gears, crank shafts for EMD, CAT, marine engines.
- We, also line bore struts, stern tubes, and rudder stocks.
- Also, line bore all makes and models of Z Drives, and Thrusters.



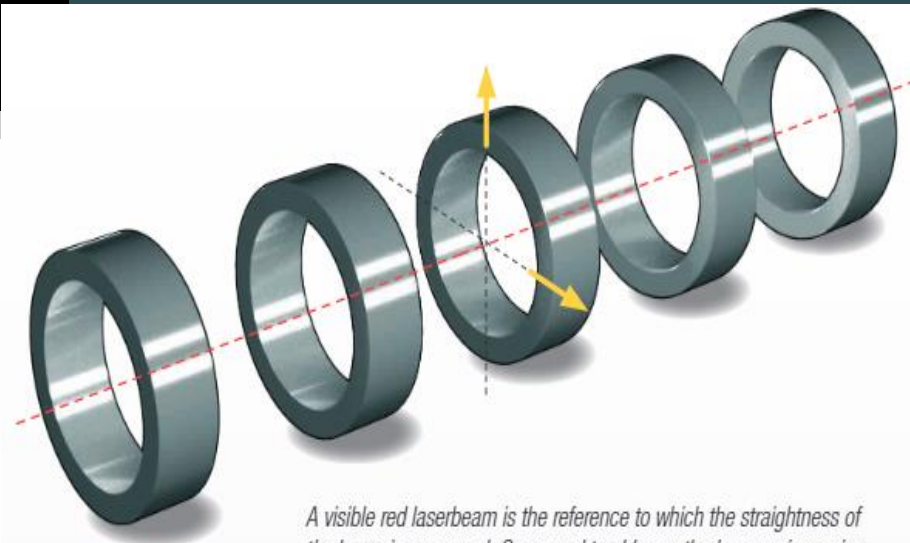


24/7 Field Service



- We have facilities in New Orleans, LA and Paducah, KY.
- We service all reduction gear makes and models. As well as EMD parts and service.
- We also service all CPP, thrusters, Z drives, etc.
- We provide alignment services as well with both laser or indicators.





A visible red laserbeam is the reference to which the straightness of the bores is measured. Compared to older methods, e.g. piano wire, the work is done much faster, easier and more accurately.



Alignment

- We provide all alignments with both lasers and dial indicators.
- No need to call outside vendors for alignment checks as we check and do our own alignments. We provide customer with alignment readings with detailed reports.



CNC Machine Shop

- Takumi Mill – can perform milling capabilities from 45" x 26" with rigid CAT50 tool holders.
- SMEC 3500 Lathe with live tooling – capable of turning up to 26" in diameter and 60" long. Live tooling can perform milling capabilities to increase efficiency.
- We manufacturer all our own bearing sleeves, pilot bearing parts, oil distributors, seal plates, seal sleeves, thrust bearing spacers, etc.



PARTS

- #1 Distributor for Oil States Clutches. We stock all CM clutches for Falk reductions gears and VC clutches.
- Stock all Falk thrust bearing assemblies, pilot bearing assemblies, rotating seals, airshafts, #7&8 bearings, as well as numerous other bearings, etc.
- We also stock an assortment of Reintjes and Lufkin parts.

