

Goltens technicians are ready wherever you need them to do the job with precision and speed.

Goltens' In-Situ technicians have broad expertise as it relates to the use of state of the art laser alignment tools. Goltens utilizes these tools and techniques on a daily basis in conjunction with the performance of its other In-Situ Services and it is this repeated high tolerance usage that makes our technicians some of the best in the world.

Goltens also offers these services on a standalone basis to support a wide variety of troubleshooting and alignment issues encountered by customers who are diagnosing cause of failure, installing new equipment or reinstalling repaired equipment or simply suspect their equipment is out of alignment. Whatever the application.

www.goltens.com



Alignment services

State of the art laser alignment tools

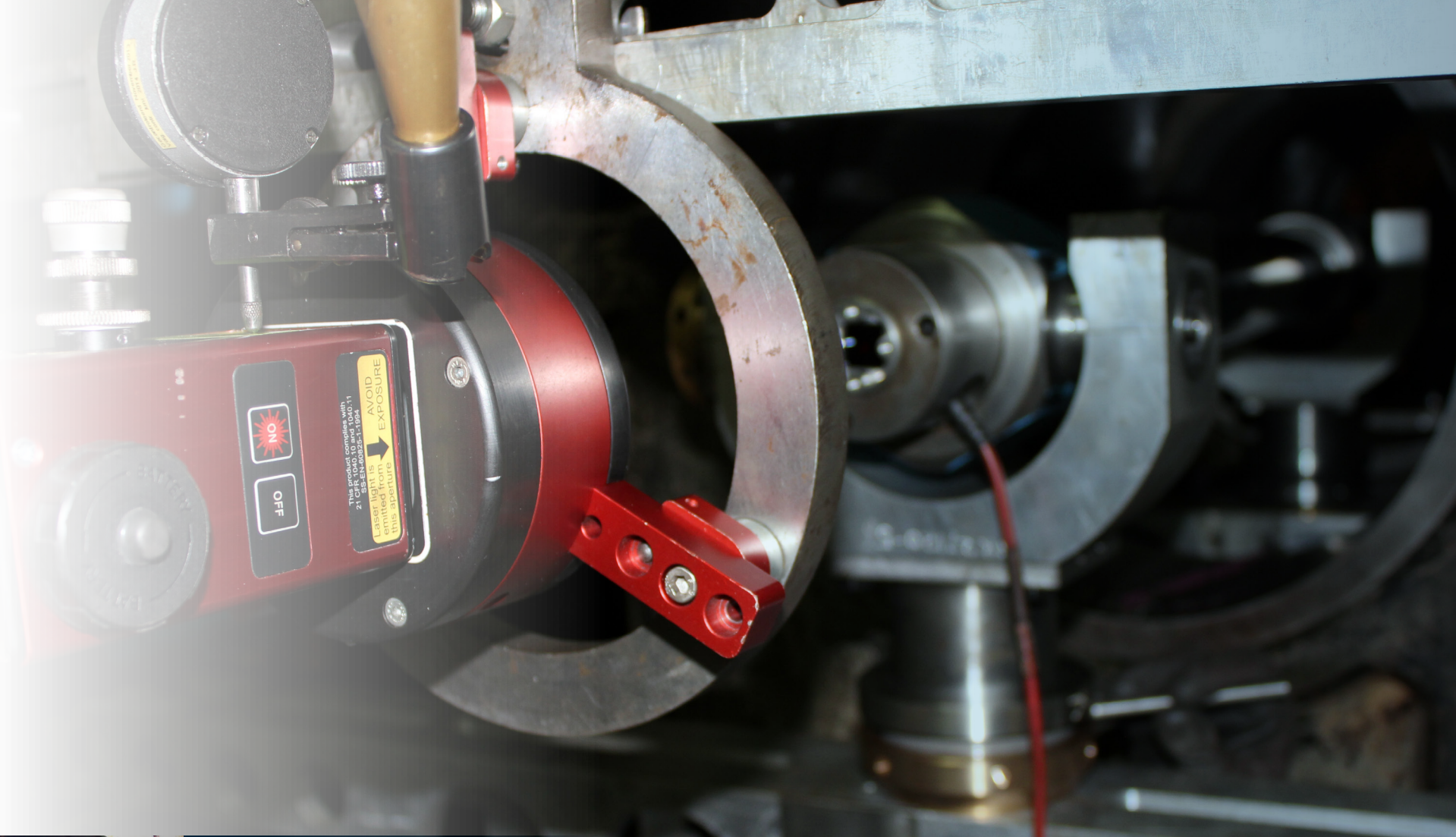


We are alignment experts anywhere in the world

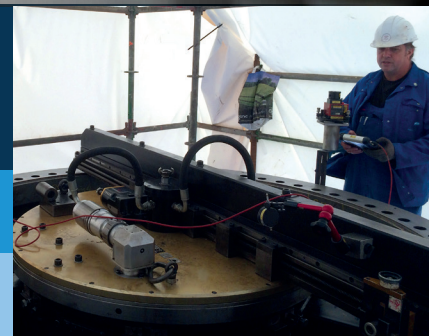
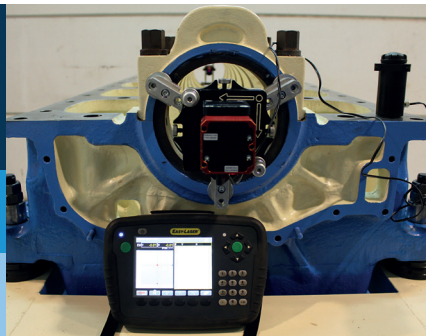
Goltens is a service organization that enables ship owners and power plant operators all over the world to minimize asset downtime due to our range of diesel services, in-situ machining, alignment services and retrofits of the BWT system.

Goltens Rotterdam B.V. stands for the alignment of rotating machinery and shafting systems worldwide. We supply everything from one source: analysis, measurement, alignment, repair and supervision of repairs – with the teams on site. Our services are based on the principle of placing the highest demands on ourselves. This working approach enables us to offer a well-diversified portfolio.

Goltens Rotterdam B.V. has earned the reputation of alignment expert. Our total solution concepts offers customers a complete and fast solution to alignment problems, anywhere in the world.



Alignment services



Industries Served

- Marine
- Shipbuilding
- Offshore Oil & Gas
- Diesel and Steam Stationary Power
- Wind Power
- Refineries
- Hydroelectric Power
- Manufacturing
- Mining

Line bore measurements centre of circles

Line bore measurements (center of circles) are taken to check if the center lines are aligned correctly with the shaft center lines.

Alignment of shafting systems

Shaft alignment is the process of aligning two or more shafts with each other to within a tolerated margin. It is an absolute requirement for machinery before the machinery is put in service. When a tail shaft, electric motor or a turbine is coupled to a pump, generator, or any other piece of equipment, it is essential that the shafts of the two pieces are properly aligned.

Measurement of flatness

Crane pedestals, bed plates, engines and gearboxes are applications where it is crucial that the flatness is correct to avoid failures. Goltens Rotterdam B.V. makes use of their own laser systems to measure this.

Measurement of the crankshaft deflection

The deflection of a crankshaft describes the alignment of an engine. Measuring at regular intervals is required to ensure that the alignment of the crankshaft is within permitted limits. Measurement is done between the crank webs by dial indicator or electronic measuring device.

Alignment of rotating machinery

Misaligned rotating machinery causes high cost as it causes premature damages. Misalignment can cause increased vibration and loads. Using our laser systems we can detect and solve these problems.