



NAVALIS
GROUP

MARINE ENGINE SERVICE

Repair &
Overhaul



QUALITY & RELIABILITY



Repair and Overhaul

Comprehensive Solutions for Maximum Performance at Navalis Group, we specialize in the complete overhaul of 4-stroke marine engines, ensuring optimal performance, efficiency, and longevity for your vessel's powerplant. Our expert team leverages cutting-edge technology and years of experience to deliver unparalleled service quality.



Wide variety of marine Engines

- Volvo Penta
- Wärtsilä
- MAK
- Cummins
- MAN Engines
- Caterpillar And
- many more..



Services

We provide

- Detailed Inspection and Diagnosis
- Component Reconditioning
- Turbocharger Overhaul/reblading/balancing
- Fuel System Servicing
- Cooling System Maintenance
- Reassembly and Testing



Benefits

For customers

- Increased Reliability
- Extended Engine Life
- Expertise and Experience
- Customer-Centric Approach

Reconditioning services



We offer our Customers reconditioning services in our workshop and on site. Our mobile solution can be prepared for transportation within couple of hours and rendered in machining workshop or on site as an addition to mobile in-situ machining.

- Reverse engineering Machinery mounting
- and laser alignment Epoxy Coatings Laser
- Cladding In-Situ Laser Cladding
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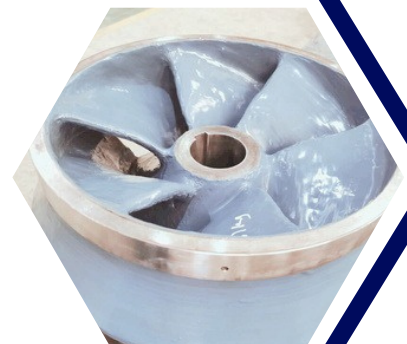
Machinery mounting *And laser alignment*

Laser alignment and rigid machinery mounting are critical components of safe and trouble-free operation. Each application requires custom approach to match the unique production environment.



Epoxy Coatings

Epoxy coatings works best where regular welding or even laser cladding is not applicable. Compared to conventional welding techniques, cold-curing epoxy systems such as Devcon®, Loctite® and Belzona® are more tolerant to base surface material and allow rapid application whilst providing long-term protection with minimal downtime.



In-Situ Laser Cladding

Laser cladding is used to restore critically worn surfaces of metal parts. Due to process advantages no post heat treatment or complex machining is required, greatly reducing lead times. There is a wide range of materials available to form a coating most suitable for particular application: Stainless steels, chemical and heat resistant alloys Inconel® 625 and 718, Bronze and hard facing alloys Stellite® 6, 12 and 21.



Contact Us



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