



For your damaged or in need of any modifications propellers, we are able to repair and modify to limit costs compared to acquisition of a new replacement propeller and particularly minimize the time capital of the boat.

We offer the following services:

- **Repair cracked or twisted propeller,**
- **Weld refilling** in case of cavitation, electrolysis or due to a material breach of a blade,
- **Geometric control** using electronic pitchmètre,
- **Diameter modification,**
- **Pitch modification** in boiler or hydraulic machine,
- Control of the **static or dynamic balancing.**

CRACKED OR BENT PROPELLERS REPAIR

- 1 - Analysis of the feasibility of repair by a technician (quality of the material, refills areas, geometric analysis)
- 2 - Validation of the feasibility of repair or proposed new propeller if not repairable,
- 3 - Complete geometric control before repair,
- 4 - Restoration of the geometry of the propeller,
- 5 - Charging the cracked regions, corroded or damaged,
- 6 - Static balancing of the propeller (or dynamic on request)
- 7 - Sweating reloading zones for control of the weld and check the good performance of the filler metal,
- 8 - Final geometric control before provision with control report.

DIAMETER MODIFICATION

- 1 - Analysis of the change by a technician (validation of the calculation of the propeller by our engineering department according to the amending)
- 2 - Complete geometric control,
- 3 - Diameter reduction,
- 4 - Static balancing of the propeller (or dynamic on request)
- 5 - Provision with control report.

PITCH MODIFICATION

- 1 - Analysis of the change by a technician (validation of the calculation of the propeller by our engineering department according to the amending)
- 2 - Complete geometric control,
- 3 - Pitch modification in boiler or hydraulic machine,
- 4 - Validation of the modification with a new control,
- 5 - Static balancing of the propeller (or dynamic on request)
- 6 - Final Geometric control before provision with control report.

All our geometric checks are carried out using a calibrated electronic pitchmeter.



MAUCOUR - FRANCE
Hélices & lignes d'arbres

PROPELLERS REPAIRING SERVICE



Ce document n'est pas contractuel - This document is not contractual