



# BLAZER MARINE



## Propulsion



Propellers, ZF Faster Propulsion - Shafts - Brackets and Struts - Rudders - Sterntubes - Kort Nozzles

## Propulsion Accessories



Brass and Phenolic shell Cutlass Bearings - Split Roller Bearing (Timken) - PSS Shaft Seal - Tides Marine Shaft Seal - Composite bearings - Gland Packing - Rope cutters

## Cathodic Protection Systems



Rudder Anodes - Shaft Ball Anodes - Plate Anodes - Ring Anodes - Thruster Anodes - Weld Anodes - Propeller anodes

## Engines and Mounts



Yanmar Engines and Spare Parts - Air and Fuel Filters - Yanmar Engine Oil - Flexible Couplings - Engine Mounts

## Gearboxes and Couplings



ZF Gearboxes - ZF Filters and Spare Parts - Total Command Control System - Gearbox Couplings - Cardan Shafts

## Steering Systems



Lecomble & Schmitt: Hydraulic Steering (Inboard/Outboard) - Cylinders - Helm Pumps - Power Packs - Steering Wheels - Joysticks - Tiller Arms- Tie Rods - Power-Assisted & Electro-Hydraulic Steering - Autopilot Solutions

## Engine Controls – Electronic and Mechanical



Glendinning: Electronic Engine Controls - Cablemaster™ (Power Cable) - Hosemaster™ (Hose Handling) - Engine Control Cables - Single/Twin Lever Controls - Rudder Angle Indicators

## Halyard Exhaust Systems and Accessories



Exhaust hoses - Heavy Duty Hose Clamps - Dry Silencers - Risers and Spray heads - GRP Silencers - Thermal Insulation

## Lewmar



Windlass - Anchor & Anchor chain - Winch - Thruster - Hatch & Portlight - Roof Systems - Glass - Steering - Hardware - Hydraulics

## Sleipner Side Power, Maxpower and Lofrans



Bow and Stern thruster - Fin Stabilizer - Gyro Stabilizer - Windlass - Capstan - Winch

## Electric Propulsion



Electric and Hybrid Propulsion - Pod propulsion - Rim Drives - Battery Systems

## Marine Consultancy

- ☛ Powering calculations and performance prediction for high-speed and special-purpose vessels
- ☛ Comprehensive propulsion design for hybrid and electric systems (inboard/outboard), including expertise in CPP, waterjets, surface drives, and sterndrives
- ☛ Torsional vibration analysis and shaft alignment calculations
- ☛ Steering, manoeuvring, and mooring system design
- ☛ Hull and appendage performance optimization, propeller noise/vibration analysis, cavitation behaviour, and FSI simulations
- ☛ Design consultancy, shipyard evaluations, project management (new builds, refits, drydock), pre-purchase inspections, stability calculations, and inclining experiments

# Design, Production and Mobile Service Team

Led by a team of naval architects and engineers with over 40 years of experience, we operate from a state-of-the-art, ISO-certified manufacturing and repair facility, serving the industry since 2012.

Our workshop in Al Jadaf features advanced horizontal/vertical lathes, precision milling machines, and state-of-the-art dynamic balancing machines.



## Shaftline

- ✓ Tail shaft removal and installation with laser/piano wire alignment, stainless steel repair, bend straightening, line boring, coupling manufacture, and facing
- ✓ Propeller repair, bent blade straightening, pitch modification, polishing, static and dynamic balancing
- ✓ Shaft seal/stuffing box installation and cutlass/composite bearing removal/installation using liquid nitrogen or dry ice



## Engine, Gearbox, Generators, Controls, and Exhaust System

- ✓ Installation, service, maintenance, and overhauls, including heat exchanger and injector servicing
- ✓ Electronic and mechanical engine control installation, calibration, and service
- ✓ Dry and wet exhaust system design, manufacture, and installation



## Steering, Hydraulics, and Auxiliary Systems

- ✓ Steering and hydraulic system installation and maintenance
- ✓ Bow & stern thruster, gyro stabiliser, and fin stabiliser installation and repair
- ✓ Windlass and winch installation, maintenance, and repair
- ✓ Motor winding and servicing, pump and valve repair

## Fabrication

- ✓ Stainless steel, steel, and aluminium fabrication for rails, ladders, gangways, marine doors, and other marine equipment





# BLAZER MARINE

**LEWMAR**



Halyard 



**TIDEMARINE**  
SureSeal



**GMP**  
Since 1979  
GENERAL METALS & POLYMERS

**TIMKEN**

**SIDE-POWER**  
Thruster Systems 



**PACKLESS SEALING SYSTEM**  
**SHAFT SEAL**



**WE WORK WITH**



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