

# MARINE TEST BENCHES



Marine Diesel engines have changed vastly over the years. Most modern larger merchant ships use either slow speed, two stroke crosshead engines, or medium speed, four stroke trunk engines. Some smaller vessels may use high speed Common Rail diesel engines.

At Merlin we have been constructing **bespoke** Marine test benches for over **50** years, this has given us a wealth of experience in this field.

We are one of the world leaders when it comes to the supply of Marine diesel test benches for the testing and repair of heavy duty diesel fuel pumps and diesel fuel injectors.

We cater for all types of repair solutions for these products in addition to the older types of technology from all the world's leading engine manufacturers.



Merlin DC 80-Electronic Metering



Merlin S450-1



MARINE



OFFSHORE

**We have diverse test solutions for the following types of marine vessels:**

- **Fast ferries and Ro-Ro's**
- **Cruise ships**
- **Tankers**
- **Container vessels and bulk carriers**
- **Fishing boats**
- **Superyachts and leisure craft**
- **Military / Rescue**



TEST EQUIPMENT - Tel: +44 (0) 1772 694185

UK SALES - Tel: +44 (0) 1772 694130

EXPORT SALES - Tel: +44 (0) 1772 694133

EMAIL: [testequipment@merlindiesel.com](mailto:testequipment@merlindiesel.com)



[www.merlindiesel.com](http://www.merlindiesel.com)



**BOSCH**  
Invented for life



# MARINE TEST BENCHES

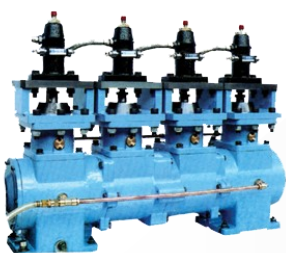


Merlin can offer several types of test benches to encompass a wide range of applications.

Our flag ship **DC 80-EM** weighs in at **5080kg**, with **110hp** and an impressive **2300kg** flywheel. This Bench is capable of testing the largest of Marine pumps.

We also manufacture Injector test solutions in the **Merlin S450 Series** which provide for both Mechanical and Common rail injectors of all sizes.

To meet the demand of diversity in this sector we manufacture an extensive range of heavy duty **bespoke Cam Boxes** to cover most applications and manufacturers of pumps on the market. As well as Cam Boxes we provide **valve, plate and needle refurbishment equipment** to help complete an effective repair.



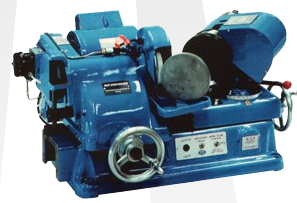
MPC 175 Cam Box



M16A Lapper



NR3B Needle Grinder



VM1 Valve re-Facing

## Manufacturers Covered:

Bosch  
Wartsila  
Caterpillar Mak  
Rolls Royce  
Sulzer  
Yanmar  
Mirrlees  
MAN B & W Diesel

MTU  
Cummins  
Delphi  
Allen  
Ruston Diesel  
Daihatsu  
Pielstick  
Ulstein Bergen  
L'Orange

For more information and specification, please click [HERE](#)

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