

THB VERHOEF GROUP

THB Verhoef | Bengi | Vliegenthart





ONE DESTINATION FOR PARTS, SERVICE & RECONDITIONING



COMBINED HISTORY

THB VERHOEF

- Founded in **1979** (family owned)
- Since 1980 Official distributor for MIBA, Markisches Werk, and many more.....
- 2016 Warehouse expanded to 15,000m2
- ISO 9001(2014) and ISO 14001(2024)
- 2025 acquisition of Bengi BV and subsidiaries

BENGI

- Founded **1995** (family owned)
- Since 1996 Official Hanshin dealer for Europe and USA
- Opened in 2018 fully equipped warehouse in Singapore
- Expanding with new office and warehouse 2021
- Acquisition of Vliegenthart in 2023
- ISO 9001 (2024)

DIESEL INJECTION Vliegenthart

- Founded **1990** (family owned)
- Spare Parts from OEM Suppliers: L'Orange, Bosch, Woodward
- FIVA-ELFI multiway valve overhaul

ONE DESTINATION FOR PARTS, SERVICE & RECONDITIONING

THB VERHOEF GROUP – SCOPE OF SUPPLY

OEM SPARE PARTS SUPPLY

European OEM quality spare parts keep marine equipment running efficiently while minimizing downtime.

WORKSHOP SERVICES

Well-equipped workshops deliver comprehensive solutions for complex repairs, reconditioning and modifications tailored to specific needs.

ELECTRICAL & AUTOMATION

Expert troubleshooting and repair of electrical issues, and modification of engine alarm & (WECS) monitoring system, to ensure marine systems operate safely and efficiently

FIELD SERVICES

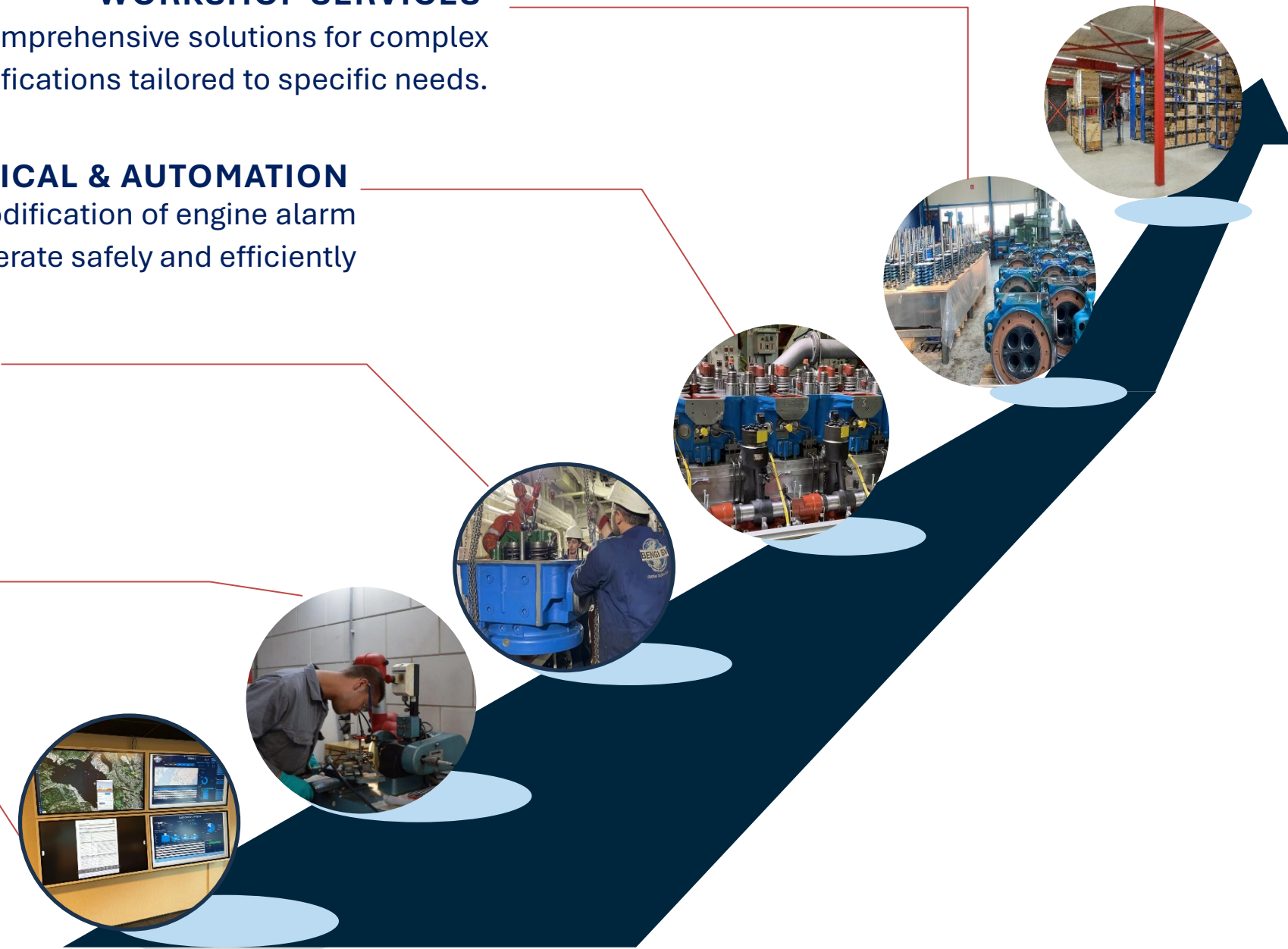
Skilled technicians provide complete engine repair, retrofitting or periodical services to enhance marine engine performance.

FUEL- & GAS SYSTEMS

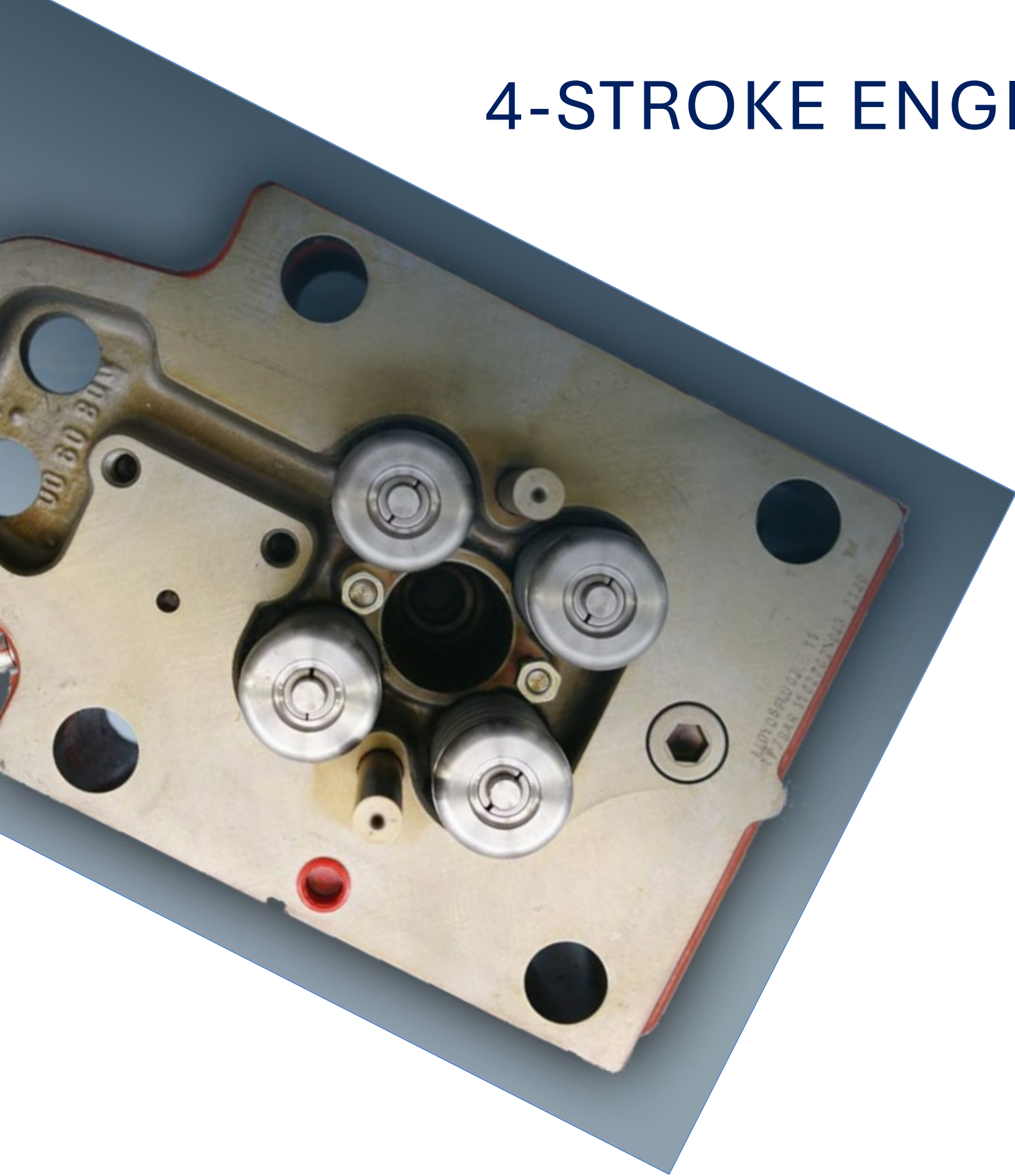
Supply, repair, and reconditioning services for all brands of fuel pumps and fuel valves for 2- and 4-stroke engines. Additionally, new or reconditioned Gas Admission Valves are available.

DIGITAL SERVICES

Asset Performance Center, **ONE** destination for Insight, Reliability and Lifecycle Control. Digital Portal (stay connected)



4-STROKE ENGINE BRANDS (suitable for)



4-Stroke OEM PARTS & SERVICE

Wärtsilä

W20

W26

W32 (V, LN, F)

W34 (DF)

W38 (A+B)

W46 (B+C)

W50 (DF)

W64

MAK

M20 (C)

M25 (C)

M32 (C)

M43 (C)

MAN

21/31*

23/30*

27/38

28/32*

32/40*

32/44 (CR)

48/60 (B)

51/60

58/64 (CD)

* Main components

AUTHORIZED DISTRIBUTOR & STOCKIST



> 33 yrs
BEARINGS



> 31 yrs
PISTON RINGS



> 13 yrs
FILTRATIONS



> 41 yrs
CYLINDER HEAD COMPONENTS



> 7 yrs
INSTRUMENTS MONITORING



> 13 yrs
ENGINE DIAGNOSIS



> 41 yrs
FUEL INJECTION EQUIPMENT



> 18 yrs
ENGINE DIAGNOSIS



> 3 yrs
MARINE & INDUSTRIAL COOLING SYSTEMS



> 28 yrs
PISTON & LINERS



> 33 yrs
ENGINE VALVE SPRINGS

COMBINED WAREHOUSE

PACKING



15000 M2



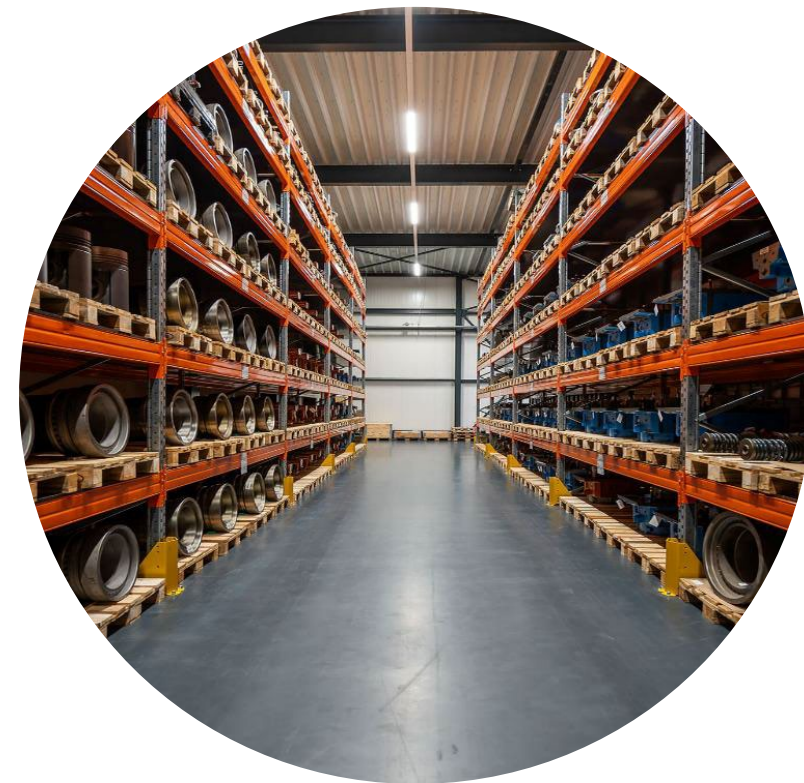
SHIPPING SERVICE 24/7



Our total stock amounts to 700.000 parts for **medium speed engine** types varying from smaller brands to more well-known brands in power and marine.

All goods are preserved and packed (air&sea) according the best standards.

Our warehouse is in the vicinity of the port of Rotterdam and Amsterdam Airport for outbound deliveries.



Zwijndrecht

Spijkensisse

Workshop Services

ALL ENGINE COMPONENTS

We specialize in servicing all engine components, such as;

Reconditioning of connecting rods, overhaul of all coolers, governors, crankshafts and camshafts. Additionally, a dedicated fuel equipment workshop.

FULLY EQUIPPED MACHINEPARK

Our state-of-the-art machine park is equipped with advanced tools and CNC machinery to handle a wide range of marine engine needs efficiently, such as fully automatic cylinder head machining.

KEEP CONNECTED

We've developed an online portal that allows our clients to effortlessly track the progress of their projects, access detailed reports, and stay informed from anywhere in the world. With our portal, you're always connected to the work we're doing for you.

OFFICIAL HANSHIN DEALER

We are proud to be an official dealer of Hanshin parts & services for more than 30 years. As an authorized partner, we provide genuine Hanshin parts, expert advice, reliable service, and direct support for customers across the industry.



> 30 yrs

ENGINE MANUFACTURER



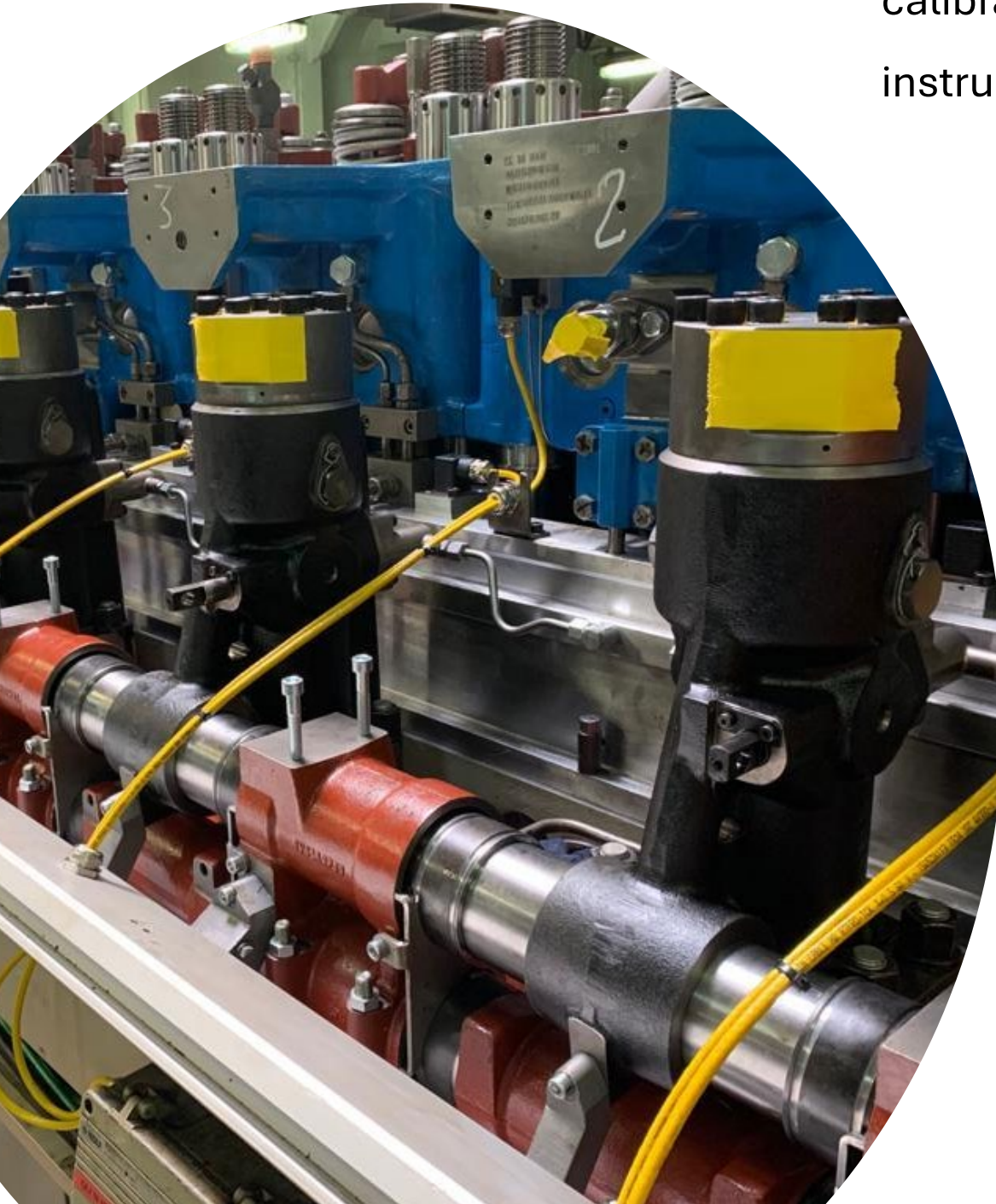
HANSHIN DIESEL



Electrical & Automation

EXPERT COMPREHENSIVE SERVICES

Our electrical engineers are industry experts, specializing in testing, calibrating, and repairing electronic components of marine engine instruments and control units.



ELECTRICAL PARTS

We maintain a comprehensive inventory of high-quality replacement parts, specially for all Wartsila types.

BENGI ECS

We have developed our own (Class approved) Engine Control System (ECS) to replace traditional WECS & SPEMOS systems.



Field Services



MINOR TO MAJOR WORKS

Our expert technicians are skilled in performing both minor repairs and major overhauls on engines, providing a comprehensive service to meet all our customers' needs.

MORE THAN 25 YEARS EXPERIENCE

With over 25 years of experience in the industry, our highly qualified professionals rely on in-depth knowledge and expertise to tackle the most demanding engine repairs.

24/7 WORLDWIDE SERVICE

Our service is available worldwide and operates 24/7.

We ensure your engines are always in optimal condition, wherever you are in the world.



Fuel- & Gas Systems

FUEL SYSTEMS

Our expert technicians are skilled in performing repairs and major overhauls;

- Complete overhaul fuel Injection pump & valves 2-4 stroke
- Fuel pump & barrel reconditioning
- Multiway valve overhaul **FIVA/ELFI**
- Fuel pump element re-plunger service incl. DLC coating.
- Fuel nozzle, spindle & guide and non-return valve reconditioning.

GAS SYSTEMS

Supply of new or reconditioned Gas Admission Valves (GAV). All services and testing in-house in dedicated –and temperature regulated test bench. Suitable for W34,Df, W50DF, MAN 51/60 and MAK 46DF

24/7 WORLDWIDE SERVICE

Onboard/Onsite expert technical assistance 24/7



> 3 yrs



Fuel Injection Services 4-stroke



Bosch Fuel/Hydr. pump units



MAN 48_60



Wartsila 46

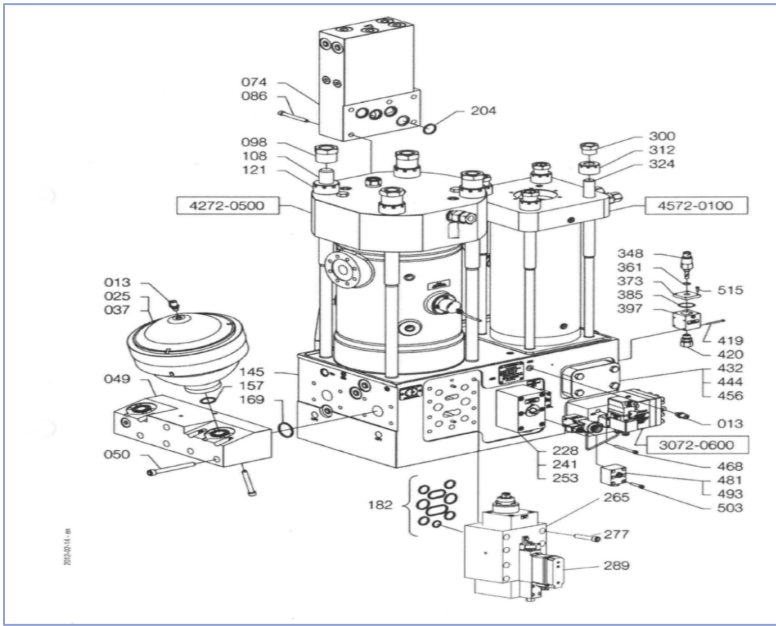


MaK 43



Fuel pump barrel and plunger reconditioning

Fuel Injection Services 2-stroke ME-B



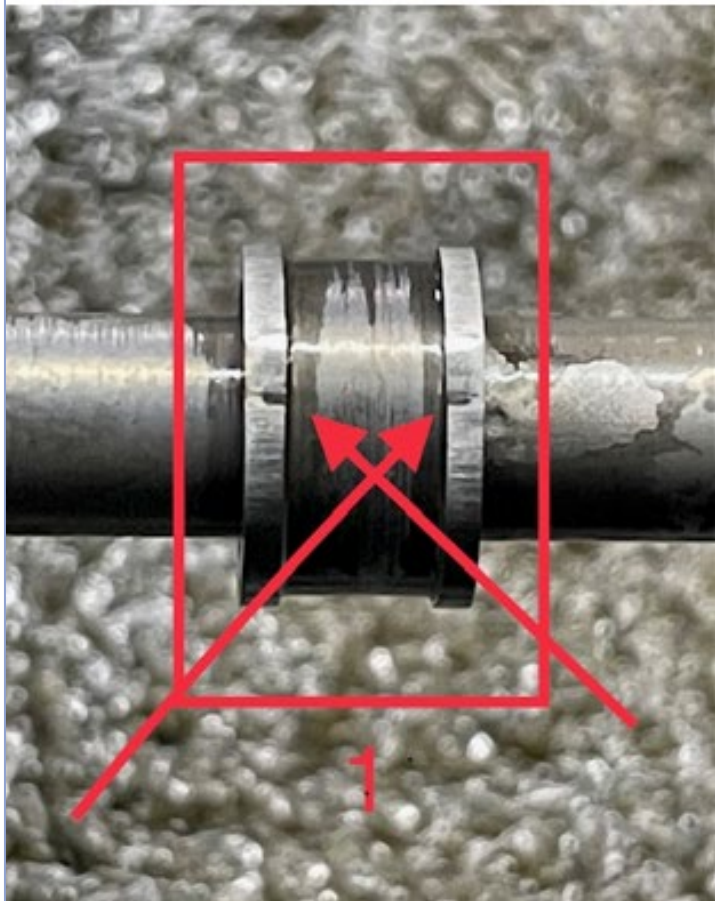
Complete Hydraulic Cyl. Unit



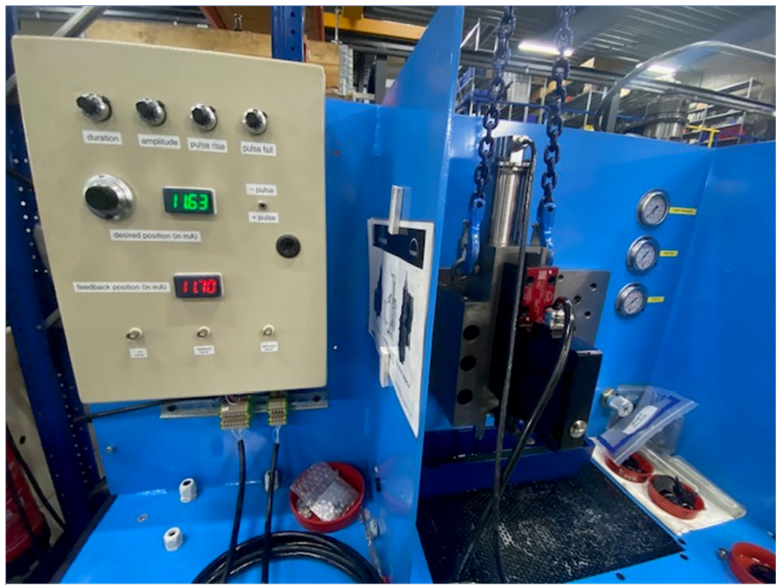
Hydr. booster and pump unit, inspection/
measuring of pistons/sleeves and suction valves.



Piston and surfaces of booster with
exceed wear.



Important wear parts like proportional
valves, advised by maker to replace
after 5 years of service.



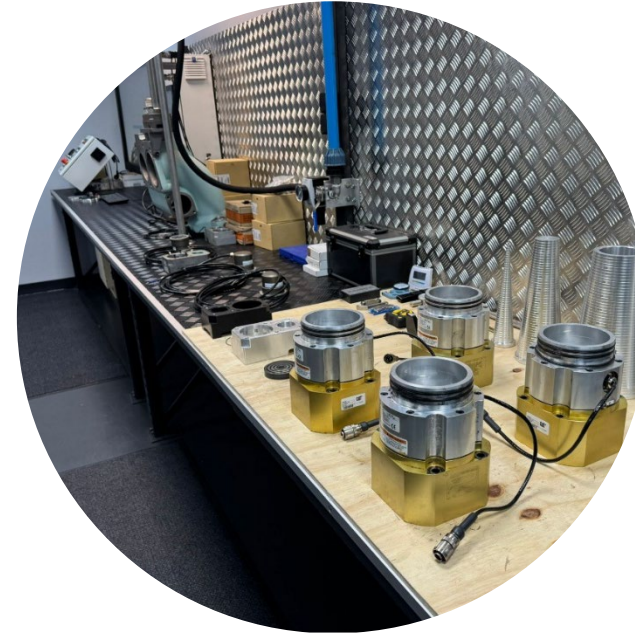
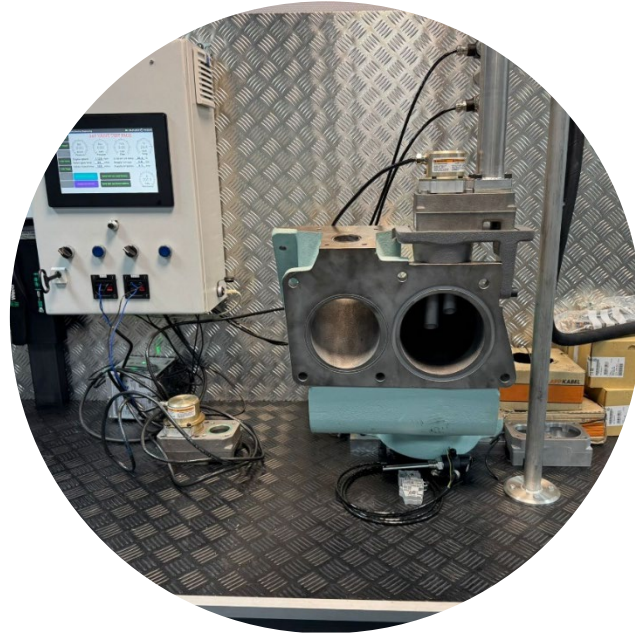
Testing/Calibration



ELFI control valve incl. proportional valve
and feedback sensor.



GAS ADMISSION VALVES



Unique Selling Points

- Dedicated workshop & test facilities for GAV overhauls
- Supporting Shipping, Offshore- & Powerplant operators
- Cost savings > 40% vs. new OEM GAVs
- Cost savings > 10% vs. reconditioned OEM GAVs
- Warranty included
- Leak testing, RPM simulation & full reporting
- Track & Trace Portal

Scope

- **Wärtsilä** 50DF
- **Wärtsilä** 34DF
- **Wärtsilä** 20DF
- **MaK** 46 DF
- **MAN** 51/60DF
- **Himsen** 35DF (Pilot with Greek Customer)

ASSET PERFORMANCE CENTER

ONE destination for Insight, Reliability and Lifecycle Control

- **Monitoring**

Continuous and/or periodic data evaluation of engine- and system parameters; 2-stroke/4-stroke and DF engines.

- **Fleet-Wide Analytics & Reporting**

Generation of periodic digital reports summarizing performance, efficiency, and maintenance recommendations.

- **Maintenance**

Coordination Integration of service history, planned overhauls, data to extend asset life and execute demand planning.

- **Optimization of Time-Between-Overhauls (TBO)**

All collected data, performance trends, and operational insights can be compiled into a complete, class-ready documentation package, ready for submission.

- **Emission & Sustainability**

Tracking Measure, monitor, and report emission performance.

- **Supporting Partners**



ASSET PERFORMANCE CENTER

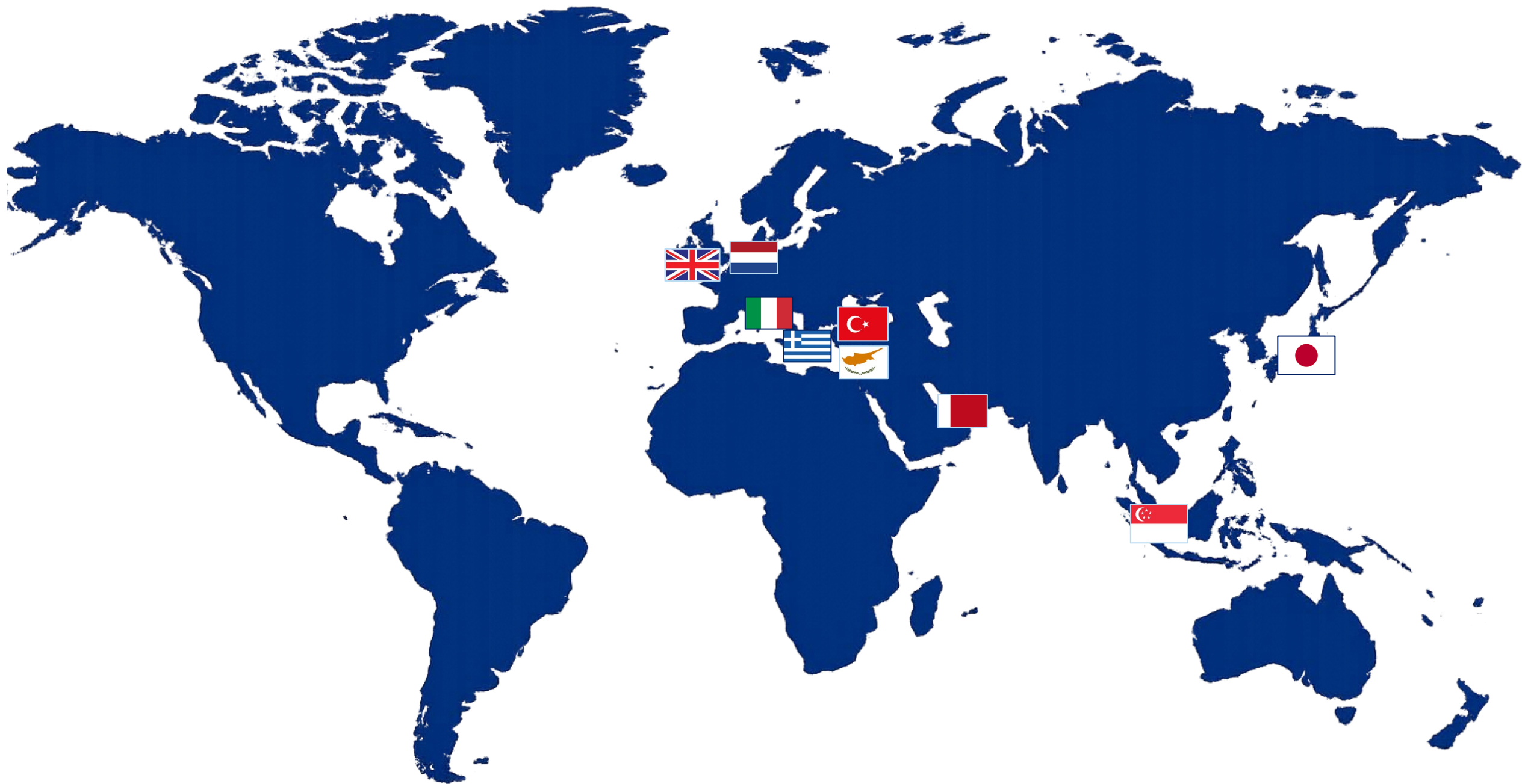
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Pilot details

- **Jan '26** Pre-docking evaluation CAC (Calcium) clogging leading to higher Exhaust Gas Temperatures
- **Jan '26** Cylinder 2 & 7 to be checked first opportunity due to compression press. deviation
- **Jan '26** Alarm Main Control Room and deviations engine cylinders.
- **Dec '25** Bunker Alert – microbiological risk in fuel
- **Dec '25** Metal flakes in luboil AE#2. Inspection required. Deployed Serv Engineer-Just in Time
- **Nov '25** Valve projection issues – immediate action
- **Nov '25** Issues cylinder pressures. Provided action plan for crew / Tech Support
- **Aug '25** High Exhaust Gas Temperature main engine. Root cause detected and parts provided



GLOBAL PRESENCE



Sales & Service Agents:

United Kingdom	- PB Asher Ltd	Türkiye	- Nemomarin A.S.
Greece	- Marevanton Hellas Ltd	Cyprus	- Onetech Group
Italy	- Alessandro Morgia	Cyprus	- MIE Services Group

Offices:

Netherlands	- Headquarters, production & machining, field service coordination
Singapore	- Regional workshop & logistics hub
Japan	- Sales office & customer support
Greece	- Sales office & customer support

MAIN OFFICES



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Thank you !

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