

Wärtsilä Workshop Hamburg

**HIGH QUALITY ENGINE
AND PROPULSION SERVICES**



Wärtsilä Workshop Hamburg

Advanced services – built on experience

With many years' in the industry, Wärtsilä's workshop in Hamburg has established a reputation for high quality engine and propulsion services – performed by a solutionoriented team.

The service workshop is located in the heart of Europe, well equipped with modern tools and machinery and operated by 50 highly skilled and dedicated personnel.



Key services and areas of expertise:

- 2-Stroke and 4-Stroke services
- Engine and component overhauls
- DEUTZ MWM knowledge center
- Fuel injection workshop
 - 2-stroke and 4-stroke - all major bands
- Exchange components service
- Propulsion services



Photo: Trade Marton Meiling



We take great pride in our HSE record and will always put safety first for both customers and employees.

Our facilities
in brief:

500 m²

Components
Workshop

200 m²

Thruster
workshop

350 m²

Fuel Injection
Workshop

500 m²

Engine Overhaul
Workshop

450 m²

Plug & Play
Warehouse

600 m²

Outside
Storage

100 m²

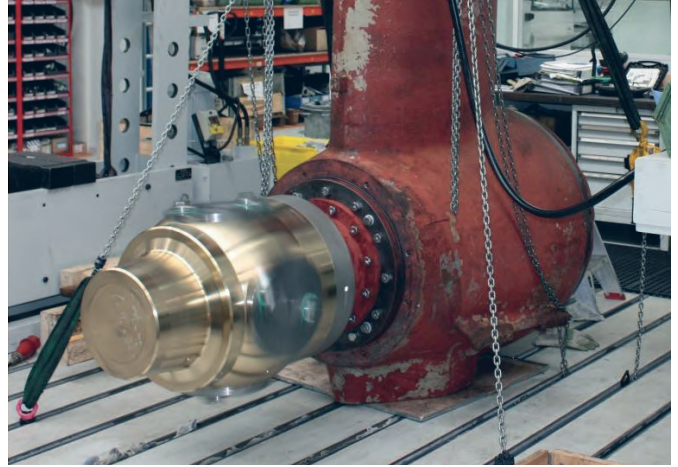
Tool
store

4-Stroke & Thruster Workshop

The engine is the core of your installation.
We care for it like it was our own.

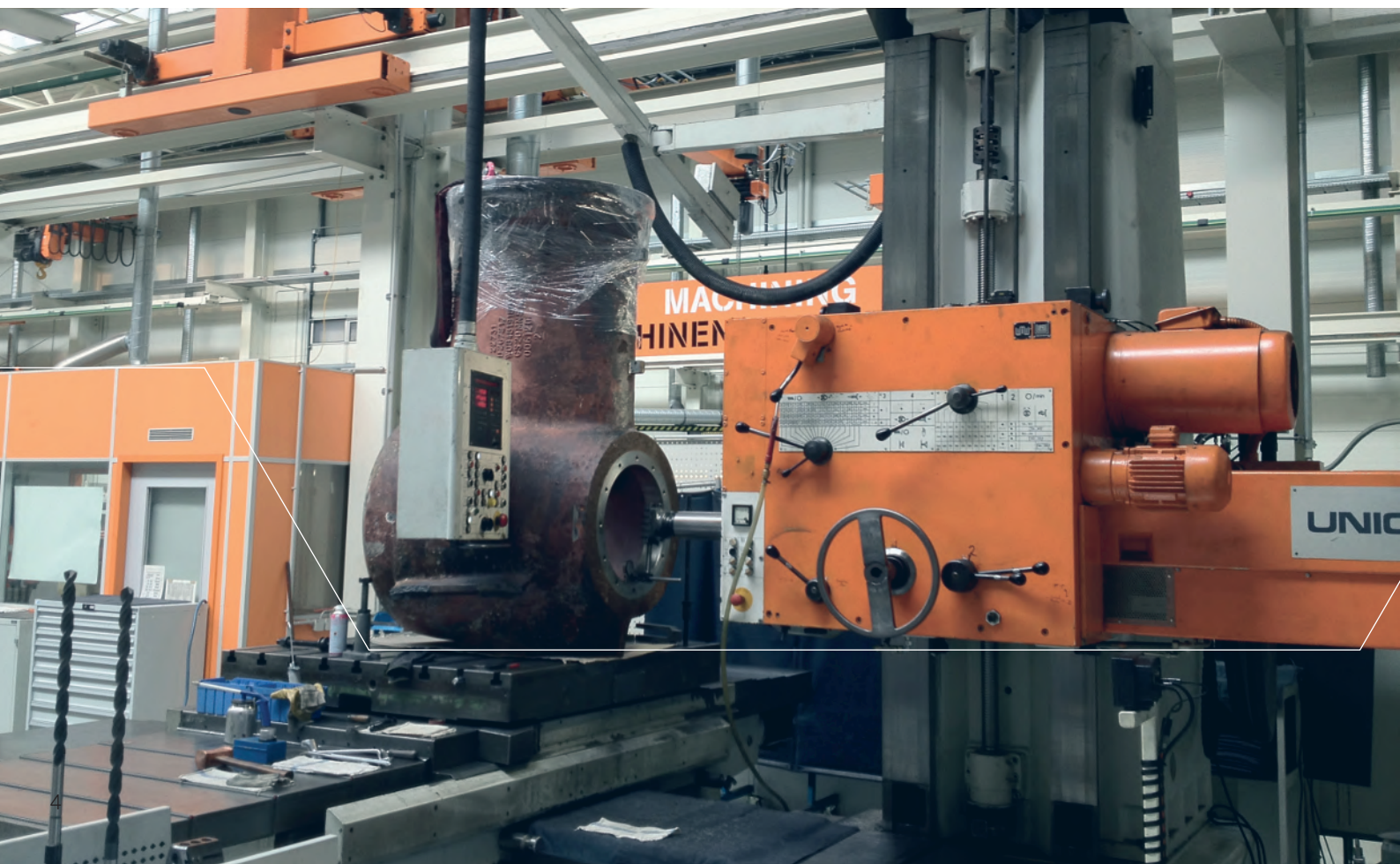
In our thruster and component workshop, we have the capacity, tools, and machinery to take on all maintenance, repair, and retrofit/upgrade services for DF and CR engines, conventional 4-Stroke (Wärtsilä/Deutz MWM), 2-Stroke engines (Wärtsilä/Sulzer), propulsion as well as shaft line solutions. To ensure minimal downtime for our customers, we have continuous improvement in our backbone and are always looking for smarter ways of working.

The 4-stroke workshop is co-located with Wärtsilä Technical Services, having easy access to additional engine expertise when needed.



Key features

- Special tools for overhaul of all type of components & thrusters
- Large washing machines, including ultrasonic
- Special machine for machining oversize exhaust seats on cylinder heads
- Special equipment for overhaul and test all types of fuel equipment
- Chris-Marine machining equipment for workshop and on-site machining
- Large horizontal honing machine up to 1,000 mm inner diameter





Fuel Injection Workshop

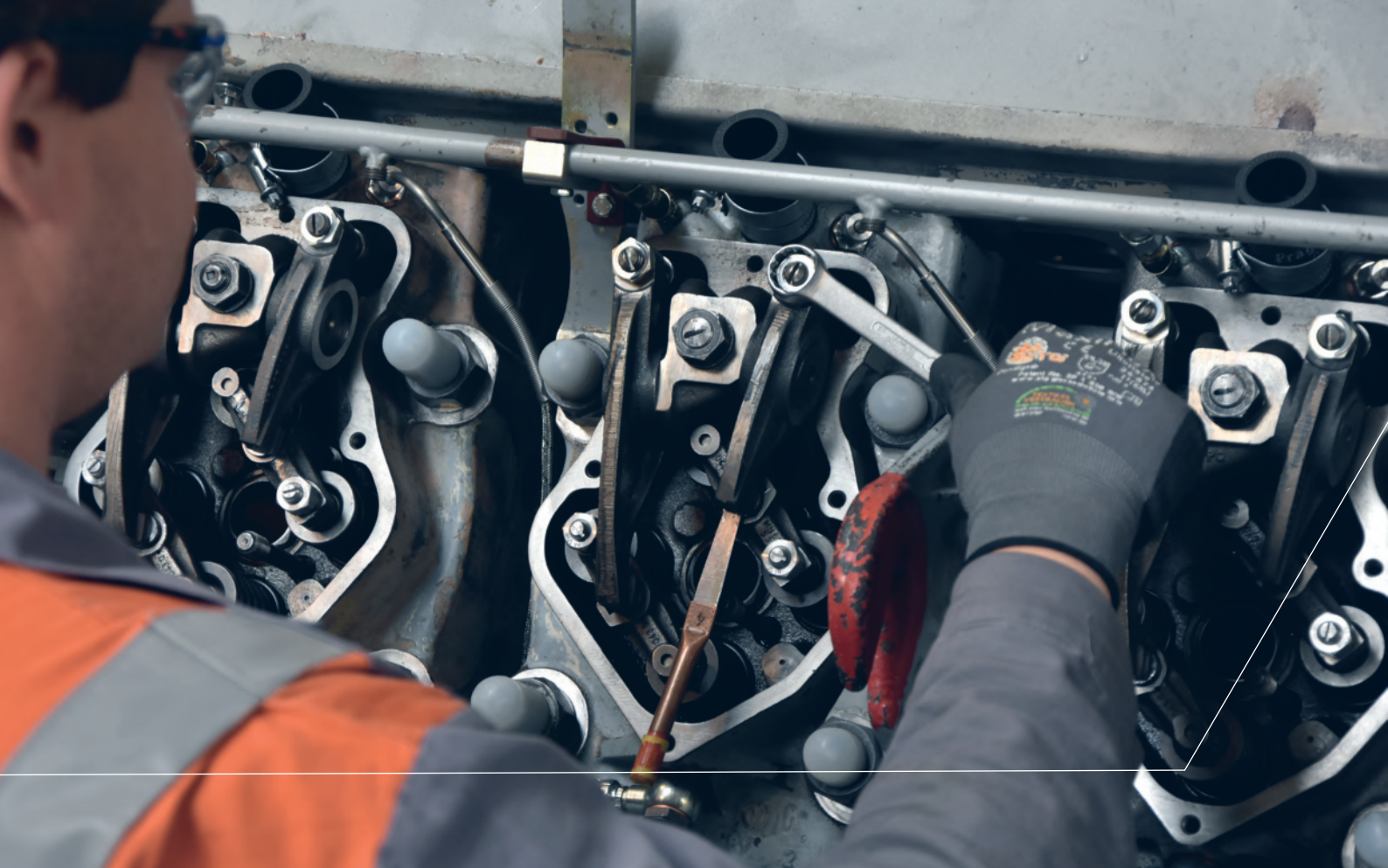
The fuel system is a key component of any Wärtsilä engine. Keeping it in prime condition and up to date is essential for the overall engine performance.

We are authorized service partner of other injection OEM'S.

To ensure optimal care, our well-equipped injection system workshop offers the following services:

- Injection pumps/valves 4-stroke & 2-stroke exchange and overhaul
- Injection spare parts stock
- Certified workshop services
- Injection system upgrades
- Chris-Marine/Wärtsilä test equipment for pumps and injection valves





DEUTZ MWM Workshop

In our modern DEUTZ MWM workshop, highly skilled service engineers take the utmost care of your equipment.



Services

- Complete reconditioning of all types of DEUTZ MWM engines
- Full engine service
- Solution oriented spare parts supply
- Test bench and full load FAT



4-Stroke Exchange Service

When time is crucial and you need your overhauled components in return before even having disassembled them from your engine, our plug & play exchange concept is the solution.

PLUG & PLAY

Our workshop stores a large inventory of exchange components for a selection of Wärtsilä engine types – ready for swift dispatch to your vessel's location.

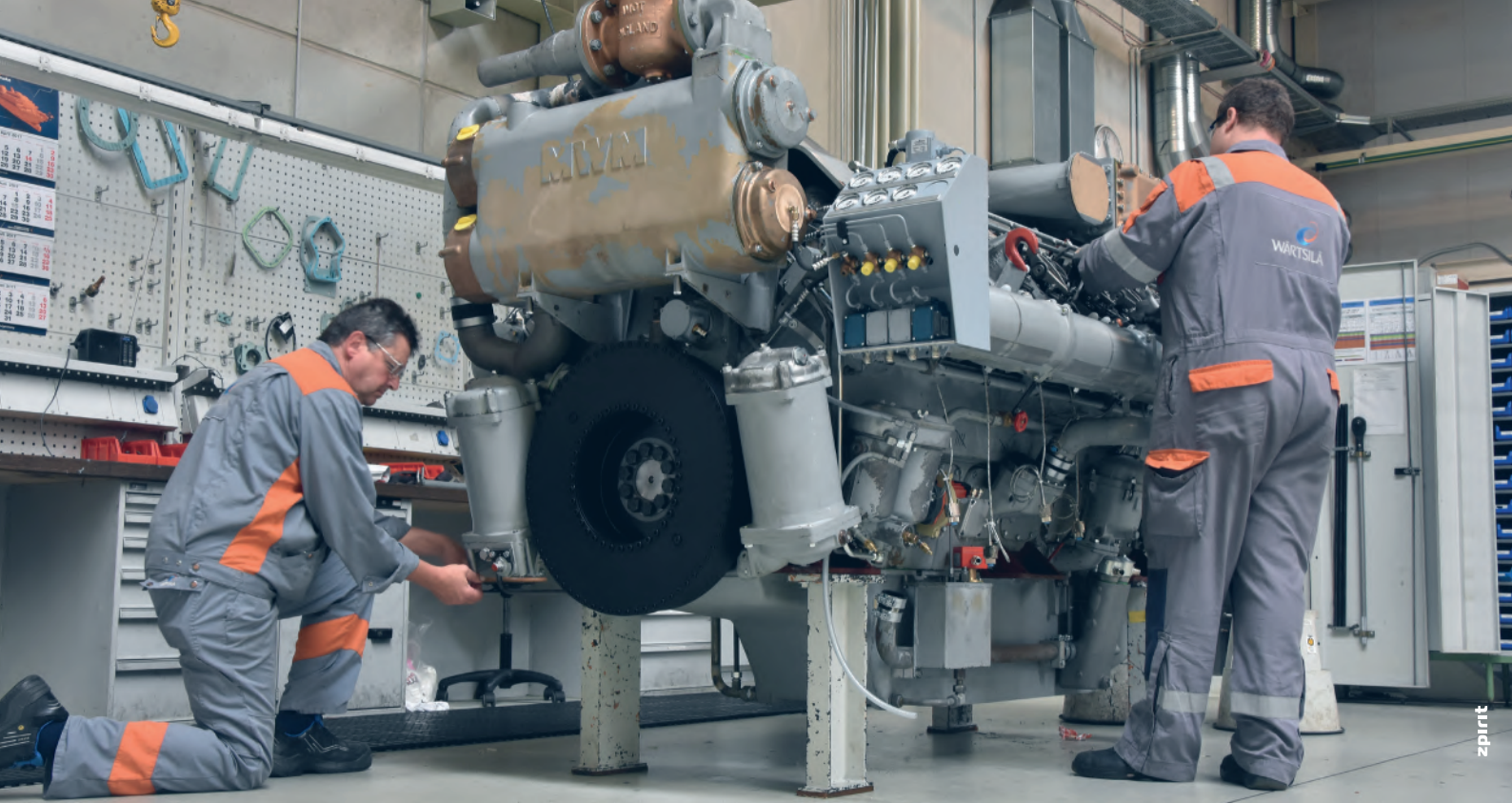
Main customer benefits

- Quicker overhaul
 - ↳ **Reduced downtime**
- No repairs on vessel location
 - ↳ **Reduced risk**
- Less need for tools and spares
 - ↳ **Simplified planning**
- Workshop scope moved to shore
 - ↳ **Reduce onboard team**
- Using experts and industrial machines
 - ↳ **Improved quality**

Available exchange components

- | | | |
|---------------------------|-------------------|----------------------|
| ■ Turbocharger cartridges | ■ Connecting rods | ■ Charge air coolers |
| ■ Cylinder heads | ■ Water pumps | ■ Lube oil coolers |
| ■ Injection pumps | ■ Lube oil pumps | ■ Pistons |
| ■ Cylinder liners | ■ Air starters | |





spirit

Hamburg – The One-Stop-Shop

Wärtsilä Germany is part of the industrial cluster German Marine & Energy Complex, ensuring close collaboration with partners who complement our scope of services. This makes Hamburg a one-stop-shop for all types of ship related services, reducing vessel downtime.

We have a network of partners
The ship service company's has
qualified employees within all disciplines.

Contact us!

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