



SPECIAL PURPOSE VESSELS

Innovation Meets Experience



Competence for Unique Ships

Fassmer can look back on a long tradition in the design and construction of one-off custom-built special purpose vessels. Our shipbuilding activities cover a wide range of products. Fassmer also assists customers in building vessels locally anywhere in the world. To this end Fassmer offers material packages or prefabricated shipbuilding kits as well as basic and detailed design in combination with technical assistance and training.

SAR and Patrol Vessels

Fassmer has designed and constructed a huge number of search and rescue vessels as well as patrol and police boats. Based on that long term experience the designs have been optimized with respect to safety, reliability and efficiency. Especially under extreme weather and sea conditions you will appreciate being on a well proven Fassmer vessel.



20m Search and Rescue Vessel | THEODOR STORM



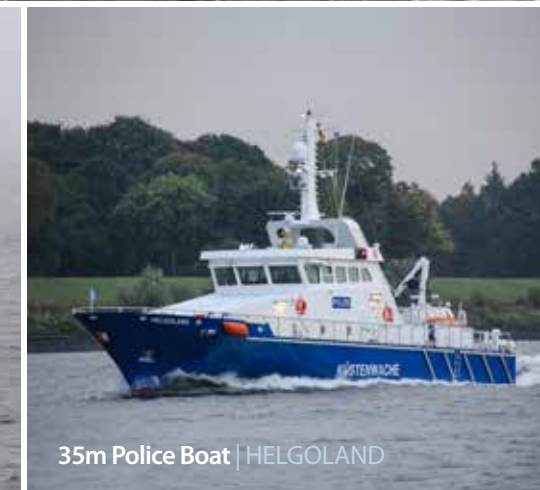
28m Search and Rescue Vessel | ERNST MEIER-HEDDE



46m Search and Rescue Vessel | HERMANN MARWEDE



86m Offshore Patrol Vessel | POTSDAM



35m Police Boat | HELGOLAND



67m LNG Patrol Vessel



80m Offshore Patrol Vessel | MARINERO FUENTEALBA



50m Multi Role Vessel



40m Offshore Research Vessel | FUGRO HELMERT

Offshore Survey and Research Ships

The big challenge when building offshore survey and research ships lies in special and individual requests for specific purposes. Fassmer engineers work together with their customers to develop one-of-a-kind designs and solutions, creating ships in which the complex scientific and technical equipment required to accomplish survey and research duties can perform optimally. Each ship must be perfectly suited to the client's special requirements and must always be able to cope with the harsh offshore conditions.



28m Fishery Research Vessel | CLUPEA



71m Offshore Research Vessel | FUGRO VENTURER



125m Offshore Research Vessel | METEOR IV



Green Technology Meets Experience

Fassmer is leader in the integration of advanced systems in complex vessel design. Our latest research vessels have been pioneers in the integration of LNG and methanol fuelled propulsion systems in these classes of ships worldwide. Fassmer's ATAIR was the first LNG fuelled research vessel in service and RV UTHÖRN will be the first research vessel fueled with Methanol. The developments of such projects by our designers and engineers guarantee a seamless navigation in the processes of equipment and system selection, acquisition, integration, testing and certification.

Furthermore, our ships have been tailored to use the most environmentally friendly technologies to reduce the vessel's environmental footprint. Both vessels have been also assigned the Blue Angel mark for environmentally advanced design. ATAIR was awarded the prestigious "Ship of the Year" Award in 2019, for her innovative design.

75m LNG Survey-, Wrecksearch and Research Vessel | ATAIR



35m Methanol Research Vessel | UTHÖRN



75m LNG Survey-, Wrecksearch and Research Vessel | ATAIR



75m LNG Survey-, Wrecksearch and Research Vessel | ATAIR



Multi-Purpose Work Vessels

Fassmer offers a wide range of buoy laying vessels, offshore support vessels, oil recovery vessels, hydrographic survey ships, multi-purpose vessels and others. These vessels are either tailor made designs or built to a standard Fassmer specification. In any case you can be sure to get a vessel that will meet the performance required to cope with all of your tasks.



44m Buoy Layer | AMRUMBANK



44m Fire Fighting Vessel | BRANDDIREKTOR WESTPHAL



44m Buoy Layer | NORDERGRÜNDE



34m Multipurpose Vessel | ALTE WESER



32m Tugboat | BUGSIER 7



58m Motor Sailing Vessel | RAINBOW WARRIOR III



48m Explorer Yacht | HANSE EXPLORER



76m Ro-Pax Ferry | ALINE SIOE DIATTA



48m Explorer Yacht | HANSE EXPLORER



83m LNG Passenger Ferry | HELGOLAND

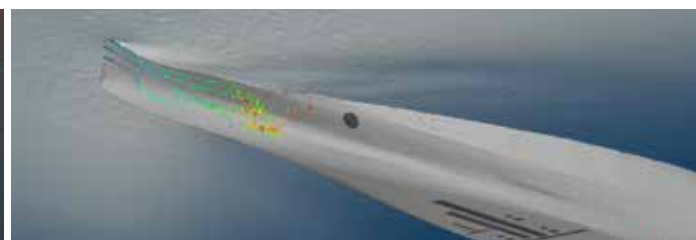
Yachts and Ferries

Ferries must be safe, economical and functional. Fassmer clients can count on the company's experience and advice on the best the ship-building sector has to offer when it is a matter of optimizing both comfort and efficiency. Fassmer has conquered the market for explorer yachts. Designing an explorer yacht means planning to sail through Arctic waters and travelling to the world's last frontiers. Fassmer ferries and yachts are designed and built using the most advanced energy-efficient and eco-friendly technologies such as hybrid propulsion systems and LNG fueled engines.



Engineering and Logistics Solutions

Fassmer clients can rely on our engineering and logistics experience and know-how within a fully integrated process, ranging from concept design to full lifecycle-support. We also offer our technical capabilities in services such as consultancy, design, technical support, training, maintenance and lifecycle-support. Moreover, if you want to build a Fassmer vessel in your country, we are in position to offer our experience in delivering integral material, engineering and know-how transfer packages.



Design

In view of the large number of tailor-made vessels we produce, our experienced in-house design department plays a major role at Fassmer. We can offer our customers the best possible support in all aspects and all phases of a project – from the first layout plan, basic and detailed design up to plant maintenance systems.

Research

Fassmer enjoys an excellent reputation for innovation in the maritime sector. We constantly review and improve the operational behaviour and performance of our customer-specific designs.



Technical co-operation

If a customer is interested in one of our well proven vessels but prefers construction at a shipyard in his own country, Fassmer is the right partner to choose. For such technical cooperation we provide a wide range of services such as:

- » Transfer of shipbuilding expertise
- » Well proven designs within an extensive product range
- » Tailor-made basic and detailed designs
- » Assigned project managers and engineers to provide professional assistance at any level
- » Logistic support to ensure smooth production
- » Effective training programmes
- » Material packages up to prefabricated shipbuilding kits



After-sales services

Given that you may expect a lifetime of well over 30 years for a Fassmer vessel, it goes without saying that you can rely equally on our after-sales service. We can ensure the availability of our vessels by offering:

- » A worldwide service network that ensures the safe and reliable operation of your vessels
- » Plant maintenance systems
- » Crew training
- » Delivery of spare parts and tools
- » Technical support in all aspects



Facts and figures:

- > 1,500 employees worldwide
- > 20,000 m² of heated workshops
- > 250 m long outfitting pier
- > Worldwide service network
- > Certified QM system according to DIN EN ISO 9000:2000
- > Training and technical support worldwide
- > Original spare parts worldwide

Production

Modern production facilities and a highly skilled workforce are the prerequisites for the famous Fassmer quality backed up by on-time delivery. Based on a long tradition that started in 1850 we have always done our utmost to ensure our customers' complete satisfaction in every respect!



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