



DEFENCE & SECURITY

Performance at Sea



Performance at Sea

Designed and built to meet the hardest environments and highest demands, Fassmer ships and boats for defence and security are the solution of choice for navies, coast guards and government agencies' high-performance requirements. Fassmer Defence products stand for unmatched performance, where and when it counts – at sea.

All Fassmer Defence products are designed and developed to exacting requirements and specifications, with Fassmer's traditional reliability and well-known quality. Our extended portfolio allows our customers to select standard designs and proven products, but also developing new solutions tailored to specific customer requirements is a key part of our DNA.

Coastal and Beyond

For coastal and inshore missions, Fassmer has developed a wide range of design solutions in term of speed, range and cost. These vessels are designed to meet the latest international regulations and are fit to carry complex weapons and sensors. A modular design approach allows even the smaller vessels to carry several ROVs and UXVs as well as other modular payload. The product range includes high speed boats such as the fast combat craft Alligator, fast patrol craft and coastal patrol vessels.



FCC 17

Length overall: 17.20 m
Beam overall: 3.80 m
Speed: 40+ kn
Displacement (abt.): 22 t



FPC 25

Length overall: 26.70 m
Beam overall: 6.20 m
Speed: 30-40+ kn
Displacement (abt.): 80 t



FPC 30

Length overall: 29.30 m
Beam overall: 7.20 m
Speed: 30-35+ kn
Displacement (abt.): 110 t



FPC 45

Length overall: 45.00 m
Beam overall: 7.70 m
Speed: 30-35+ kn
Displacement (abt.): 230 t



CPV 45

Length overall: 44.90 m
Beam overall: 8.30 m
Speed: 420-24+ kn
Displacement (abt.): 320 t



CPV 50

Length overall: 50.90 m
Beam overall: 8.30 m
Speed: 20-24+ kn
Displacement (abt.): 400 t



OPV 80 | COMANDANTE TORO



OPV 80 | BAD DÜBEN

Blue Water

Fassmer is a pioneer in the development of offshore patrol vessels, with the OPV 80 as a landmark design with vessels currently operating from the North Sea to the Antarctic Ocean. The increasing demands of operating persistently in blue water as in the Exclusive Economic Zone and beyond, requires reliable and seaworthy vessels, with strong hulls and rugged systems. All our OPVs are derived from proven hullforms and built on naval steel, ensuring a long lifetime. Our evolved OPV products include know-how and operational experience of previous vessels, integrated in an updated design with increased efficiency, modularity and margins. All Fassmer OPVs are fit for optimal helicopter platform performance as well as sound interdiction boat operations.



OPV 50

Length overall: 50.90 m
Beam overall: 9.00 m
Speed: 18-24 kn
Displacement (abt.): 500 t



OPV 80 L

Length overall: 80.80 m
Beam overall: 12.00 m
Speed: 18-26 kn
Displacement (abt.): 1,500 t



OPV 60

Length overall: 60.50 m
Beam overall: 11.00 m
Speed: 18-24 kn
Displacement (abt.): 800 t



OPV 80

Length overall: 80.70 m
Beam overall: 14.00 m
Speed: 18-22+ kn
Displacement (abt.): 1,850 t




OPV 70

Length overall: 70.20 m
Beam overall: 11.00 m
Speed: 18-24 kn
Displacement (abt.): 1,200 t




OPV 80 S

Length overall: 80.70 m
Beam overall: 14.00 m
Speed: 18-22+ kn
Displacement (abt.): 1,950 t




Chilean Navy
OPV 80


Technology:	FASSMER
Shipbuilder:	ASMAR




Piloto Pardo
Delivered 2008




Comandante Toro
Delivered 2009



Marinero Fuentealba
Delivered 2014




Cabo Odger
Delivered 2017




Colombian Navy
OPV 80


Technology:	FASSMER
Shipbuilder:	COTECMAR




ARC 20 de Julio
Delivered 2011



ARC 7 de Agosto
Delivered 2013




ARC Victoria
Delivered 2017




German Coast Guard
OPV 80


Technology:	FASSMER
Shipbuilder:	FASSMER




Potsdam
Delivered 2019



Bamberg
Delivered 2019



Bad Dübén
Delivered 2019



Under construction



Deterrence

Higher speed, lower radar cross section, advanced survivability: Fassmer's littoral mission vessels and patrol corvette allow you to deploy effective deterrence forces in a cost-effective fashion. These ships based on an upgraded OPV standard can be equipped with sophisticated combat systems and are built to last with Fassmer's high quality design and equipment. Our unique design approach allows for a modular increase of combat capability, in all warfare domains with a scalable platform. All our ships provide multi-mission spaces for present and future capabilities such as boats, ROVs, UAVs, UUVs, towed systems and other modular payload.



LMV 60

Length overall: 60.20 m
Beam overall: 10.00 m
Speed: 28-40+ kn
Displacement (abt.): 600 t



LMV 75

Length overall: 75.80 m
Beam overall: 12.00 m
Speed: 26-32+ kn
Displacement (abt.): 1,100 t



PK 90

Length overall: 94.70 m
Beam overall: 14.50 m
Speed: 24-28+ kn
Displacement (abt.): 2,200 t





MPV 70



MPV 110 SSV

Multirole

A new breed of ships: Fassmer’s MPVs (multipurpose patrol vessels) are oriented to meet combat support duties, while remaining at a reasonable size for extensive use in day-to-day operations as logistic and patrol ships. This concept provides operational flexibility, higher vessel availability and lifecycle logistics saving. Either serving as navy support vessels or as government emergency response ships, Fassmer’s MPVs are conceptualized to provide human aid and disaster relief in a large scale with fix hospital capabilities as well as with additional pre-conceptualized deployable medical modules. The capabilities of the MPVs are quite extended, with the larger ships able to operate multiple landing spots for helicopters or UAVs, as well as RAS of up to corvette size ships.



MPV 70

Length overall: 72.00 m
Beam overall: 16.00 m
Speed: 14-20+ kn
Displacement (abt.): 2,800 t



MPV 90

Length overall: 90.70 m
Beam overall: 17.00 m
Speed: 20-22 kn
Displacement (abt.): 3,200 t



MPV 90 H

Length overall: 90.00 m
Beam overall: 16.00 m
Speed: 16 kn
Displacement (abt.): 3,000 t



MPV 100

Length overall: 100.20 m
Beam overall: 17.40 m
Speed: 20-22 kn
Displacement (abt.): 4,400 t



MPV 110 SSV

Length overall: 115.00 m
Beam overall: 18.00 m
Speed: 16 kn
Displacement (abt.): 4,500 t



MPV 120

Length overall: 123.80 m
Beam overall: 17.40 m
Speed: 20-22 kn
Displacement (abt.): 6,000 t



MPV 120



FF 1240

Length: 12,400 mm
Width: 3,450 mm
Speed: 47 kn
Weight: 9,000 kg
Max. Capacity: 16 Persons



SFB 12.0

Length: 12,400 mm
Width: 3,250 mm
Speed: 52 kn
Weight: 9,000 kg
Max. Capacity: 16 Persons



SFB 10.1

Length: 10,100 mm
Width: 3,500 mm
Speed: 40 kn
Weight: 5,000 kg
Max. Capacity: 15 Persons



FF 950

Length: 9,500 mm
Width: 2,800 mm
Speed: 35 kn
Weight: 2,800 kg
Max. Capacity: 8 Persons



FRIR 850

Length: 8,500 mm
Width: 3,250 mm
Speed: 40 kn
Weight: 4,065 kg
Max. Capacity: 11 Persons



SEL-RT 8.5

Length: 9,260 mm
Width: 2,570 mm
Speed: 25 kn
Weight: 4,500 kg
Max. Capacity: 40 Persons



FRR 7.0

Length: 6,960 mm
Width: 2,600 mm
Speed: 33 kn
Weight: 1,850 kg
Max. Capacity: 17 Persons



FRIR 700

Length: 7,000 mm
Width: 2,750 mm
Speed: 43 kn
Weight: 2,100 kg
Max. Capacity: 12 Persons



FRIR 625

Length: 6,250 mm
Width: 2,630 mm
Speed: 34 kn
Weight: 1,650 kg
Max. Capacity: 10 Persons



SFB 10.1



FF 950



SEL-RT 8.5



FRR 7.0



FRIR 625



FRIR 850

Military Boats

Fassmer has a long tradition of building rescue, life and tender boats, as well as special operation boats for many international Navy fleets. Our in-house engineering and production department guarantees state-of-the-art products with an outstanding performance.

Technology Transfer and Logistic Support

Fassmer is the right partner when it comes to international cooperation. We have a long tradition in developing partnerships including technology transfer and local content. This experience allows us to build an early communication developing a project tailored win-win-win strategy; including the end user, the local industry and Fassmer.

Ships, boats and systems are delivered with comprehensive logistic support packages tailored to each customer needs and developed with the support of experienced partners. Fassmer customers also benefit from our vast experience with commercial owners, operating our products worldwide, 24/7.





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