



Marell M9 Custom, your choice of high-speed craft, from fast interception to comfortable cruising

M9 Custom is the smaller sister to M15 Patrol, which received the prestigious awards "Best Interceptor of the year 2019 and 2020" from Work Boat World. Marell M9 is special built for flexible use in multiple operations. The M9 is claimed to be the fastest and safest open interceptor in its range. The top speed with twin Mercury R 450 hp is 75+ knots.

The unique longitudinally framed aluminium hull is accelerating without any disturbing hump up 75 knots and at each speed you can feel the acceleration push when needed to balance the boat at sea. In fast turn there is no risk of chine tripping and the longitudinal negative strakes creates a lift of the hull to reduce friction, thus creating a very energy efficient and balanced hull.

All Marell hulls are built in jigs, to make sure straightness and flatness are kept within very small tolerances. This makes the boat very course stable in all kind of seas and the special hull shape reduces the g-forces in high waves and keeps the front window dry without any spray from sea.

The centre helmsman position, a special feature of Marell boats, creates an unbeatable safe driving environment and excellent vessel control in all weather conditions.

Main particulars:

Length overall:	8.9 m
Beam overall:	3.1 m
Draught:	0.65 m
Displacement:	2500 kg
Load:	1.000 kg
No of persons:	8 persons
Speed:	75+ knots
CE class:	C

Hull material: Marine grade aluminium Sheet metal EN-AW 5083 & Profiles EN-AW 6060

Deck panels: GRP composite honeycomb laminates

Canopy: Canopy made of vacuum moulded GRP

Fender: Closed polyethylene foam with polyurethane coating

Paint: Epoxi paint and antifouling

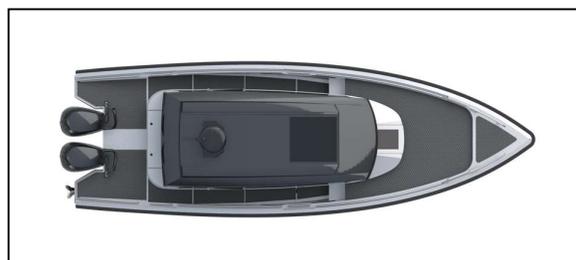


Unique hull design features

The M9 is designed to enable high-speed performance in heavy seas. Strong webs and longitudinal framing ensure extremely high hull performance at high speeds in rough weather conditions. The 19-degree deadrise at stern, a well-shaped and fine-tuned fore body and longitudinal strakes ensures that rides in high waves are comfortable and high-speed turns safe. Moreover, the craft runs dry at all times, with all sea spray directed to the side of the boat, keeping the windscreen and deck clean from water.

All vessels are fabricated in jigs for best quality and straightness. The jig frames forming the hull shape are precision cut with the same water jet cutting method as for the hull material. This precision work is thoroughly measured to be within the tight building tolerances. Also, cut outs for the lifting strakes are made in the jig frames with the precision cutting machine, making the jig a base for a very accurate and high-precision hull production.

The deck girder structure of the Marell crafts is designed to carry sandwich composite deck panels, which are glued to the girder structure. This forms a strong and watertight bonding, and the deck panels themselves are acting as insulation against excess heat (from sun) and reduces the deformation of the hull in really hot deck temperature as the panels will absorb any elongation of the aluminium plating.





Open centre console or closed cabin

The M9 Custom is available in an open centre console version or a closed cabin version with a sliding sunroof. A furnished peak bed is optional.

The crew are comfortable seated in Ullman Daytona Crew seats and passenger seats as requested.

Heating, cooling and ventilation are designed for highest comfort across climate zone, from Arctic sea to Tropical waters.

Windows are tempered, laminated and tinted to reduce sun glare. The dashboard is covered with black mats to further reduce glare.

Ballistic protection can be offered for operation in high threat environments.



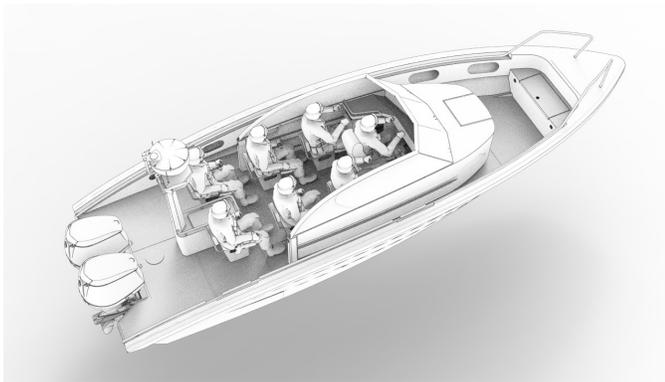
Full navigation control

The navigation equipment and layout are highly sophisticated with a central ergonomic helm together with easy access to all control needed for high-speed driving and navigation. Various options of navigation system and tactical solutions are offered. When driving at very high speeds in different sea conditions you must work very actively with the engine control lever, the steering wheel, the jack plate power lift and engine trim at the same time as you must have full radar and plotter view. All these required functions and controls are ergonomically built in to the Marell M9 central helmsman position, unique in this market.

Safety first

All Marell M9 crafts are equipped with fire extinguisher, rescue ladder and emergency kits. All decks are self-bailing and equipped with anti-skid and robust railings. The crafts come with a complete set of mooring lines, anchor, fenders and VHF system.

Marell experienced team of racing drivers offers all customer a high-speed training session, for the safety of the crew and passengers when driving at very high speeds in rough weather



Versatile platform

Our design team will help you out with required and desired equipment for your mission.

Special track rails make it possible to adjust seats and cargo spaces when needed for actual task or transport duty. The cargo space on aft deck corresponds to two EU pallets.

The open deck lay-out allows for installing equipment for diving, firefighting, boarding or for various surveillance and combat tasks.

Typical Equipment

Two outboard engines, Merc 300-450 hp, hydraulic jack plates, hydraulic steering, fuel tanks and filters with water separators, Empirbus digital switching, 2 battery groups, automatic main breaker, engine control display, Raymarine navigation incl plotter and displays, Radar and radar mast, deck camera, deck lights, bow lights tempered and tinted windows, electric sunroof on cabin version, textile material customized, fire extinguisher, electric bilge pumps, manual bilge pump, Marell seats optional Ullman seats, windscreen wipers, rescue ladder, anchor, anchor line and mooring lines, anodes, epoxy painted, antifouling below WL.

Please contact Marell Boats Sweden for further information and a complete offer. All Marell crafts can be customized based on the modular M platform