



میلکور

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NAVAL DEFENCE SOLUTIONS

ABOUT

Milkor has significantly broadened its maritime product range with the introduction of the Naval Defense Solution (NDS) division. Located in Abu Dhabi, United Arab Emirates, the fully equipped shipyard offers comprehensive turnkey solutions, addressing the dynamic challenges associated with safeguarding the Arabian coasts.

The division has forged robust, enduring partnerships within its supply chain throughout the Gulf region, empowering Milkor to consistently enhance its marine capabilities and expand its array of services.



Over the past decade, Milkor has demonstrated substantial growth, with the Milkor Naval Defense Solution (NDS) division playing a pivotal role in driving this expansion and realizing the company's visionary goals. The NDS division comprises a comprehensive team of Marine Engineering and Naval Architecture experts, specializing in vessel research, design, prototyping, and manufacturing. This strategic composition empowers Milkor not only to provide its existing range of vessels but also to craft customized maritime solutions tailored to meet the unique needs of individual clients.

MILKOR NAVAL ENGINEERING DIVISION

1

Intensive
Research



2

Effective
Design



3

Vessel
Manufacturing



4

Composite
Design



5

Aluminium
Design



6

Innovative
Fabrication





NAVAL PLATFORMS

MILKOR IPC



PERFORMANCE SPECIFICATIONS

<i>Length Overall (L.O.A):</i>	12M
<i>Beam:</i>	4.8m
<i>Draught:</i>	0.87m
<i>Displacement (Full Load):</i>	13 tonnes
<i>Engine:</i>	2 x 450 hp
<i>Propulsion</i>	2x Outboard
<i>Personnel:</i>	4 pax
<i>Cruising Speed:</i>	25 - 35 knots
<i>Max. Speed:</i>	50 knots
<i>Loiter Speed</i>	7 knots
<i>Range:</i>	650 nm - 750 nm

The Milkor IPC combines speed, stability and comfort to ensure consistent mission success. The unique design features a hydrofoil-assisted catamaran hull that increases speed, fuel efficiency and stability during operations. The vessel is designed for long-endurance missions featuring a full galley, shower, head and three sleeping berths creating a comfortable mission environment for its crew.

Milkor has integrated world-class communication and surveillance systems into the command-and-control bridge boasting a fully equipped pilot-, navigation-, weapon- and surveillance station.

The wheelhouse is designed with complete modularity to incorporate various payloads and technologies to satisfy customer requirements.

The Milkor IPC uses composite GRP materials with integrated strengthening methods to allow for various payload options such as remote-control weapon stations, missile launchers, and other surveillance payloads.

MILKOR EMS



PERFORMANCE SPECIFICATIONS

<i>Overall Length (L.O.A):</i>	16m
<i>Beam:</i>	3.93m
<i>Draft:</i>	0.85m
<i>Displacement (Full Load):</i>	18 tonnes
<i>Engine:</i>	2 x 1000hp
<i>Propulsion:</i>	2 x Waterjet
<i>Personnel:</i>	4
<i>Passenger:</i>	4-6 pax
<i>Diesel:</i>	2 x 1300L
<i>Cruising Speed:</i>	25 knots
<i>Max. Speed:</i>	40 knots

The Milkor EMS is a 16m aluminum monohull designed specifically for rapid emergency response teams that operate in shallow waters and narrow local water ways with limited access.

Milkor's NDS division designed this vessel using key elements of safety, accessibility and rapid response operations. The design Optimises vertical clearance of the cabin superstructure to allow the vessel to comfortably pass-through limited access areas.

The Milkor EMS vessel provides medical services, equipment, and emergency tools necessary for basic in-field surgery and rapid patient stabilisation. This vessel is critical for operations in remote locations where there is limited access to roads and air transport.

MILKOR COMMANDER



PERFORMANCE SPECIFICATIONS

<i>Overall Length (L.O.A)</i>	16m
<i>Beam</i>	4.3m
<i>Draft:</i>	0.84m
<i>Displacement (Full Load):</i>	20 tonnes
<i>Engine:</i>	2x Volvo D13 1000HP
<i>Propulsion:</i>	2x HJ403
<i>Crew:</i>	4
<i>Passenger:</i>	6
<i>Max. Speed:</i>	45 knots
<i>Cruising Speed:</i>	35 knots
<i>Range at 35 knots:</i>	500nm

The Milkor Commander is a 16m Aluminium Monohull designed specifically for the needs of coast guards and law enforcement.

Featuring high speed, long range, a crew of 10, ample space on deck and excellent payload capacity, it can be adapted to a wide variety of roles. These include maritime patrol, high speed interception, infrastructure monitoring and inspection, surveillance, and search and rescue. Waterjet propulsion allows for superior maneuverability and excellent high speed cruise performance. The low transom and excellent forward visibility mean coming alongside any target is an easy task. Additionally, the Milkor Commander features excellent seakeeping, being able to operate in up to 4m swells.

These features allow the Commander to get to its mission area rapidly, perform its duties effectively and get home safely.

MILKOR
USV RANGE

MILKOR ASUW



PERFORMANCE SPECIFICATIONS

<i>Length Overall (LOA):</i>	<i>16.34m</i>
<i>Beam Overall (BOA):</i>	<i>6.93m</i>
<i>Draught:</i>	<i>0.80m</i>
<i>Displacement:</i>	<i>23 Tonnes</i>
<i>Tank:</i>	<i>2 x 2000 L</i>
<i>Main Engine:</i>	<i>2 x D13 1000 hp or equivalent</i>
<i>Propulsion:</i>	<i>2 x HJ403 or Equivalent</i>
<i>Mission:</i>	<i>Anti-Surface Warfare USV (ASuW)</i>

The Milkor Anti-Surface vessel is designed to suppress and combat enemy surface threats. Fitted with multiple surface-to-surface missiles, surface-to-air missiles, a remote control weapon station and other sensors payloads to limit the effectiveness of an adversary's ships or aircraft.

MILKOR ASW



PERFORMANCE SPECIFICATIONS

<i>Length Overall (LOA):</i>	16.34m
<i>Beam Overall (BOA):</i>	6.93m
<i>Draught:</i>	0.80m
<i>Displacement:</i>	23 Tonnes
<i>Tank:</i>	2 x 2000L
<i>Main Engine:</i>	2 x D13 1000 hp or equivalent
<i>Propulsion:</i>	2 x HJ403 or Equivalent
<i>Mission:</i>	Anti-Submarine Warfare USV (ASW)

The Anti-Submarine warfare variant is suited for under water operations by detecting underwater threats through the use of a dipping sonar. To combat these threats, the ASW is fitted with side mounted torpedoes that enable the vessel to engage when necessary. As an additional protective measure, the vessel also features a surface-to-air missile system to eliminate potential airborne threats.

MILKOR USV



PERFORMANCE SPECIFICATIONS

<i>Length Overall (LOA):</i>	<i>16.34m</i>
<i>Beam Overall (BOA):</i>	<i>6.93m</i>
<i>Draught:</i>	<i>0.75m</i>
<i>Displacement:</i>	<i>18 Tonnes</i>
<i>Tank:</i>	<i>2 x 2000L</i>
<i>Main Engine:</i>	<i>2 x D13 1000hp or equivalent</i>
<i>Propulsion:</i>	<i>2 x HJ403 or Equivalent</i>
<i>Mission:</i>	<i>Surveillance and Interdiction USV</i>

The Milkor USV is designed for various patrol missions and features dual remote control weapon stations, a 12.7mm weapon on the bow and a 30mm canon placed on the aft deck for potential threat engagement. Multiple VTOL systems are also included to provide operational oversight when needed.



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