



Addax Tower, Al Reem Island, Abu  
Dhabi, United Arab Emirates -  
Office 3910.

Tel: +971 50 913 9069  
Email: [contact@s2sholding.com](mailto:contact@s2sholding.com)



Military Vessels



We connect LATAM Innovation  
with global security needs.



[Corporate Introduction](#) 3

[Military And Coast Guard Vessels By Cotecmar](#) 4

[River Operation Vessels By Cotecmar](#) 7

# Corporate Introduction

## Empowering Your Defence & Security Solutions

South2South Defence & Security (S2SDS) is your strategic gateway to the vibrant industries of Latin America, connecting them seamlessly with the promising markets of the Middle East, Africa, and South Asia. Our headquarters in Abu Dhabi serve as the epicentre of our operations, where our mission is clear: to empower your defence and security solutions by fostering growth and creating invaluable synergies.

We take immense pride in our collaboration with three esteemed Colombian companies that stand as beacons of innovation and excellence in their fields. Indumil, a pioneer in precision engineering, propels defence and security technology to new heights. Cotecmar's mastery of maritime technology ensures the safeguarding of critical coastal assets through meticulously crafted vessels. MC Armor, on the other hand, leads the industry in personal protection with its cutting-edge ballistic solutions, offering unparalleled safety and security.

Through our extensive network and unwavering dedication to excellence, we are committed to ensuring that your organization gains exclusive access to top-tier, state-of-the-art defence and security solutions. Our promise is to expand these invaluable partnerships further, ensuring that your defence and security objectives are met with precision, innovation, and unwavering support. Welcome to a future where your success is our mission.

## OUR PARTNERS



INDUMIL



COTECMAR



MC ARMOR



# MILITARY AND COAST GUARD VESSELS BY COTECMAR

Our technological capabilities include cutting-edge digital tools, and, within our processes, we apply state-of-the-art methodologies in naval design, which allow us to materialize projects at different stages of the design process, from the initial definition of the design concept to production-oriented engineering, installation, training, life cycle support and business management assistance.



## OPV OFFSHORE AND EXCLUSIVE ECONOMIC ZONE PATROL VESSEL



Modern patrol vessel functionally adapted and built with outstanding performance in sea conditions for long-term missions, helicopter operations and fast boats.

<b>Total length</b>	80.6 m
<b>Total breadth</b>	13.6 m
<b>Depth (to first deck)</b>	6.8 m
<b>Design draft (at maximum load)</b>	3.8 m

### PERFORMANCE

<b>Maximum speed</b>	21 knots (2 x 4080 kW) 18 knots (2 x 2040 kW)
<b>Range</b>	up to 4,500 mn (config. 21 knots) up to 10,000 mn (config. 18 knots)
<b>Endurance</b>	40 days @ 64 people

### CAPABILITIES

<b>Fuel (diesel):</b>	200 m <sup>3</sup>
<b>Helicopter fuel (JP5):</b>	19 m <sup>3</sup>
<b>Interceptor boat fuel (Gasoline):</b>	12 m <sup>3</sup>
<b>Fresh water:</b>	48 m <sup>3</sup>

### PROPULSION

<b>Main engines:</b>	2 x Wärtsilä 6L26B2 (up to 18 knots) 2 x Wärtsilä 12V26 (up to 21 knots)
<b>Installed power:</b>	2 x 2040 kW @ 1000 rpm (up to 18 knots) 2 x 4080 kW @ 1000 rpm (up to 21 knots)
<b>Propellers</b>	2 controllable pitch propellers
<b>Bow pusher</b>	1 x 280 kW

### ELECTRICAL SYSTEM

<b>Main Generators:</b>	3 x 360 kW, 440V @60Hz
<b>Emergency Generator:</b>	1 x 105 kW, 440V @60Hz

### PROJECTION CAPABILITIES

- Flight deck and hangar for 1 medium-sized helicopter with refueling capacity.
- Stern ramp for deployment of an interceptor boat.

### SPECIAL FEATURES

- Roll Stabilization System (U-tank).
- Deck crane SWL 4 t to 11,6 m.
- Rescue Bay.

## OPV 93 SEA PATROL VESSEL



Patrol and military support vessel developed to increase the operational capabilities respect the current up to 80 m OPVs to meet the requirements from Modern Navies.

<b>Total length</b>	93 m
<b>Total breadth</b>	14 m
<b>Depth (to first deck)</b>	7 m
<b>Design draft (at maximum load)</b>	4.1 m

- SPECIAL FEATURES**
- Roll Stabilization System (U-tank).
  - 1 Deck Crane SWL 5 t to 10 m.

### PERFORMANCE

<b>Maximum speed</b>	18 knots
<b>Range</b>	up to 10,000 nautical miles (at 12 knots)
<b>Endurance</b>	40 days @64 people 20 days @109 people

### CAPABILITIES

<b>Fuel (diesel):</b>	392 m <sup>3</sup>
<b>Helicopter fuel (JP5):</b>	44 m <sup>3</sup>
<b>Interceptor boat fuel (Gasoline):</b>	13 m <sup>3</sup>
<b>Fresh water:</b>	67 m <sup>3</sup>

### PROPULSION

<b>Power</b>	4 x 2200kW (CODAD) 2 x 4800kW (+2 x 630 kW CODELOD)
<b>Propellers</b>	2 controllable pitch propellers
<b>Bow pusher</b>	> 1 x 390 kW

### ELECTRICAL SYSTEM

<b>Main Generators:</b>	4 X 375kWe (CDAD)
<b>Emergency Generator:</b>	4 x 740 kWe (CODEDO) 1 X 200 kWe

## LCU LANDING CRAFT UTILITY



A vessel capable of developing humanitarian aid operations along In riverine and coastal areas, aiding for disaster-response operations and logistical support from the National Navy bases ashore through the transport of troops, containers and general cargo.

<b>Total length</b>	49 m
<b>Total breadth</b>	11 m
<b>Depth (to first deck)</b>	3,10 m
<b>Design draft (at maximum load)</b>	1,75 m

### PERFORMANCE

<b>Maximum speed</b>	9 knots
<b>Autonomy</b>	20 days@51 people 40 days@15 people
<b>Range</b>	1500mn@9 knots 2500mn@6 knots

### CAPABILITIES

<b>Fuel (diesel):</b>	75 m <sup>3</sup>
<b>Fresh water:</b>	55 m <sup>3</sup>

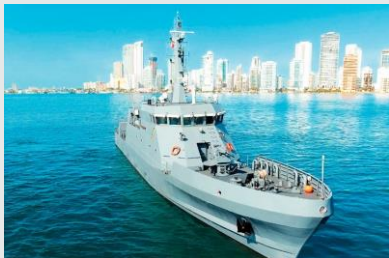
### PROPULSION AND ELECTRICAL SYSTEM

<b>Main engines</b>	2 X Caterpillar C18 ACERT Rating 412 kW @ 2000 rpm
<b>Main generators</b>	2 x CAT C44. ACERT 123 kVA @60 Hz

### PROPULSION AND ELECTRICAL SYSTEM

The vessel is outfitted with communications equipment that enables the unit to operate as a center for emergency and disaster management, and also perform as a communication platform for joint operations ensuring interoperability with military bases or other types of fleet units.

## CPV COASTAL PATROL VESSEL



Modern ship developed for interdiction, patrol and surveillance operations in coastal maritime areas. The unit has an automatic identification system (AIS) with navigation and communication capabilities to ensure the accomplishment of its missions.

<b>Total length</b>	46.25 m
<b>Total breadth</b>	7.09 m
<b>Depth (to first deck)</b>	4.30 m
<b>Design draft (at maximum load)</b>	2.12 m

### PERFORMANCE

<b>Maximum speed</b>	19 knots
<b>Scope</b>	2000 mn@12 knots

### CAPABILITIES

<b>Fuel (diesel):</b>	30 m <sup>3</sup>
<b>Interceptor boat fuel (Gasoline):</b>	5 m <sup>3</sup>
<b>Fresh water:</b>	22 m <sup>3</sup>

### PROPULSION AND ELECTRICAL SYSTEM

<b>Main engines</b>	2 x 1680 kW @ 2000 RPM
<b>Main generators</b>	02 diesel generators of 99 kW (123 kVA) @ 60 Hz

### WEAPONS

One fore 25 mm gun; stabilized and remotely operated from the bridge and two 6,37 mm mounted machine guns to the sides. Optional optronic 12,7 mm gun to aft over bridge.

## PAG ADVANCED COAST GUARD PLATFORM



Non-propelled naval craft, whose mission is to perform as a platform to support the projection of coast guard operations from sheltered waters. It has capacity for berthing 4 boats of up to 12,5 m in length, accommodation for 11 people in cabins and 14 people in a multipurpose room.

<b>Total length</b>	19.20 m
<b>Total breadth</b>	15 m
<b>Depth</b>	1.50 m

### TANK CAPACITY

<b>Fresh Water:</b>	20 m <sup>3</sup>
<b>Gasoline:</b>	5 m <sup>3</sup>
<b>Diesel:</b>	6 m <sup>3</sup>

### AUXILIARY EQUIPMENT

<b>Diesel Electric Generator:</b>	120/240 VAC, 60HZ, 125A
<b>Shore connections:</b>	120/240VAC 60Hz 50A
<b>Bilge system:</b>	Submersible pumps
<b>Wastewater system:</b>	biological treatment plant for 20 people
<b>Drinkable water system:</b>	Pump and hydro accumulator
<b>Fuel system:</b>	Supply by hand pump
<b>Air conditioning system:</b>	Air-cooled A/C units

### PROTECTION

The second level has a bulwark that functions as a shield in armored NIJ Level III Special Steel with a thickness of 3/16" on the outer perimeter of the accommodation zone. The unit has 4 sentry stations with gun muzzles to provide the platform with defense capability.

# RIVER OPERATION VESSELS BY COTECMAR

Introducing Cotecmar's River Operation Vessels, the embodiment of patrol excellence on waterways. Designed and crafted with precision, these vessels redefine maritime security and law enforcement.



## PAF-P LARGE RIVERINE SUPPORT PATROL VESSEL



Designed to operate in sheltered waters and major rivers as a mobile logistics support platform to facilitate longer performance times and deployment of river operations.

This unit has helicopter-landing capabilities. The medical facilities serve both crew, troops and civilians

<b>Total length</b>	40.30 m
<b>Total breadth</b>	9.50 m
<b>Depth (to first deck)</b>	3.10 m
<b>Draft (at maximum load)</b>	1.26 m

### PERFORMANCE

<b>Maximum speed</b>	9 knots (16.7 km/hr)
<b>Autonomy</b>	20 days @30 people
<b>Scope</b>	2900km @9 knots

### CAPABILITIES

<b>Fuel (diesel):</b>	32.5 m <sup>3</sup>
<b>Jet A-1:</b>	7.5 m <sup>3</sup>
<b>Gasoline:</b>	12 m <sup>3</sup>
<b>Fresh water:</b>	22.2 m <sup>3</sup>

### PROPULSION AND ELECTRICAL SYSTEM

<b>Main engines:</b>	2 x 450BHP@1800 rpm
<b>Propellers</b>	2 X Schottel SPJ 82 RD
<b>Main Generators:</b>	2 x 76 kW @ 60 Hz

### WEAPONS

Four M60 machine guns  
3 x 12,7 mm double barrel machine guns in armored casings. Remotely operated MK 19 grenade launchers

## PAF-L LIGHT RIVERINE PATROL SUPPORT VESSEL



Designed to operate in sheltered waters, major and low draft rivers as a mobile platform for communication, intelligence and logistical support systems for river combat fast boats.

<b>Total length</b>	30 m
<b>Total breadth</b>	7 m
<b>Depth (to first deck)</b>	3.1 m
<b>Draft (at maximum load)</b>	1 m

### PERFORMANCE

<b>Maximum speed</b>	9.6 knots (17.7 Km/hr)
<b>Autonomy</b>	12 days @11 people
<b>Scope</b>	1560km@9 knots

## LPR - 40 MKII FAST RIVERINE PATROL BOAT



Armored patrol boat that performs as a command unit for the tactical river combat boat group operated by the Colombian Marine Corps. The boat is equipped to develop surveillance, intelligence, communications, command and control operations.

<b>Total length</b>	12.7 m
<b>Total breadth</b>	2.8 m
<b>Depth (to first deck)</b>	1.53 m
<b>Draft (at maximum load)</b>	0.65 m

### PERFORMANCE

<b>Maximum speed</b>	32 knots
<b>Autonomy</b>	500km@25 knots
<b>Range</b>	5 days@6 people

### CAPABILITIES

<b>Fuel (diesel):</b>	1,74 m <sup>3</sup> (460 Gal)
<b>Fresh water:</b>	25 Gal

### PROPULSION AND ELECTRICAL SYSTEM

<b>Main engines</b>	2X 500 HP KW@2500 RPM
<b>Propulsion</b>	2x Type Water jet
<b>Generators</b>	1x7,8kW@60Hz
<b>Air Conditioning</b>	1 X 16,000 BTU/h

### WEAPONS

1 fire point for machine guns of up to 12,7 mm (double) at bow.  
 1 fire point for machine guns of up to 12,7 mm (single) or grenade launcher at bow.  
 2 fire points on each side for machine guns of up to 7,62 mm.

## PAF A AMAZONIC PATROL VESSEL



Military river ship with capabilities for border control, river security, search & rescue, environmental control and humanitarian aid operations.

<b>Total length</b>	53.10 m
<b>Total breadth</b>	9.5 m
<b>Draft</b>	1.5 m
<b>Depth</b>	3.10 m

### TANK CAPACITY

<b>Maximum speed</b>	15 knots
<b>Range</b>	5556 km @ 10 knots
<b>Autonomy</b>	20 days, 61 people

### CAPABILITIES

<b>Diesel Fuel:</b>	58 m <sup>3</sup>
<b>JP5 Jet Fuel:</b>	5 m <sup>3</sup>
<b>Gasoline:</b>	11 m <sup>3</sup>
<b>Fresh water:</b>	25.5 m <sup>3</sup>
<b>Container Cargo:</b>	1 TEU

### PROPULSION AND ELECTRICAL SYSTEM

<b>Engine</b>	02 diesel engines x 1081bkW@2100 RPM
<b>Propellers</b>	03 water jet propellers 1000bkw@1030 RPM
<b>Main generator</b>	Two 118 kW Generators - 230VAC@60Hz
<b>Emergency generator</b>	One 105kW Generator - 230VAC@60Hz



# BCFBC

## LOW DRAFT RIVER COMBAT ELEMENTS



Aluminum hull design vessel with ballistic material protection (NIJ III) for the development of military operations in secondary and tertiary rivers with carrying capacity of 05 passengers and 400 kg of cargo. Equipped with outboard propulsion that enables its transit in very shallow waters with protection at the bottom of the propeller

<b>Total length</b>	8.68 m
<b>Total breadth</b>	2.42 m
<b>Depth (to first deck)</b>	1.03 m
<b>Draft (at maximum load)</b>	0.48 m

### PERFORMANCE

<b>Maximum speed</b>	44 km/h (24 knots)
<b>Range</b>	300 km
<b>Tactical diameter</b>	not exceeding 20 meters

### CAPABILITIES

<b>Fuel:</b>	Gasoline, 120 gal
<b>Cargo:</b>	5 people + 400 kg cargo

### PROPULSION AND ELECTRICAL SYSTEM

<b>Engine:</b>	02 X Mercury 90 Hp 4 stroke
<b>Power:</b>	02 x 90HP
<b>Steering</b>	Hydraulic 110 dB to ambient
<b>Batteries</b>	03 x 75Ah a 12VDC

### GUN CARRIAGE/ARMORING

<b>M240B machine gun:</b>	02 at stern
<b>M2HB machine gun:</b>	01 at bow
<b>Armored area:</b>	Air draft on sides and shields





south2south

DEFENCE & SECURITY

Addax Tower, Al Reem Island,  
Abu Dhabi, United Arab Emirates  
- Office 3910.

Tel: +971 50 913 9069  
Email: [contact@s2sholding.com](mailto:contact@s2sholding.com)

Member of

s2s

INTERNATIONAL HOLDING