

Guaranteed performance
Reliability
Customized design

POSEIDON PERFORMANCE CRAFT



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**WOONAM
MARINE CRAFT**

WOONAM MARINE CRAFT



No. 1 boatbuilder in Korea, providing design, develop, manufacture and supply complete crafts for military, civil, commercial and recreational purpose.





WOONAM MARINE CRAFT CO., LTD.



The World's leading
high performance
craft

**POSEIDON
PERFORMANCE CRAFT**

WOONAM MARINE CRAFT



Ocean has been the gateway to the new world and sailors have called for better and faster boats for their endless endeavors

In order to achieve that hope, boats have demanded enormous amount of efforts. We have developed and delivered boats over 30 years believing advanced technology makes best boats. Thus our POSEIDON craft could be one of the most excellent boats in Korea.

Our crafts are designed and manufactured according to the standards of Special boats, Rescue boats and ship safety rules and regulations from international classification societies with approved manufacturing process, ISO 9001/14001 standards and proven quality assurance processes.

And these boats are built by our genuine technologies with more than 20 patents, providing higher stiffness, waterproofness, propulsion efficiency, stability and safety.

Our endeavor for better, faster and safer crafts shall continue, as we have done over 30 years.





WOONAM MARINE CRAFT CO.,LTD.

HISTORY since 1982

1982

- 05 KIM SAILS' founded, manufacturing sails, yachts and FRP crafts

1989

- 04 Awarded of President of Korea for credit for the '88 Seoul Olympic
- the Ministry of Government Administration

1997

- 07 Woonam Marine Co., Ltd. founded, today's workshop built

1999

- 05 Joined Korea Shipbuilding Industry Cooperative
- 07 Registered a Venture business

2000

- 07 Acquired Manufacturing Process approval by Korean Register of Shipping for FRP shipbuilding
- 08 Acquired ISO 9001 certificate

2001

- 09 Genuine RIB development completed
- 12 Supplied RIB for the Korean Navy
- the Navy Headquarter of military supplies

2002

- 11 Developed and supplied RIB 7.0 for the National Maritime Police Agency

2003

- 07 Awarded Jangyoungsil prize (governor prize of the Ministry of Science and Technology)
- the Ministry of Science and Technology
- 10 Certified KT mark-Korean new technology approval
- the Ministry of Science and Technology
- 10 Achieved the governor honoring of the Ministry of Science and Technology for KT 10th anniversary
- 10 Nominated as Prospect small & medium enterprise
- Industrial Bank of Korea
- 10 Nominated as Top-ranking small & medium enterprise
- Korea Technology Credit Guarantee Fund
- 11 Developed and supplied RIB 8.5 for the Korean Navy - the Navy Headquarter of military supplies
- 12 Developed and supplied patrol boats for the National Maritime Police Agency

2004

- 01 Acquired ISO 14001 certificate
- 12 Developed and supplied RIB 8.5 for the Korean Navy
- the Navy Headquarter of military supplies

2005

- 03 Received commendation from the president of the Small and Medium enterprise cooperative
- 07 Developed and supplied RIB 7.0 JET for the National Maritime Police Agency
- the National Maritime Police Agency
- 11 Developed and supplied RIB 8.5 for the Korean Navy
- the Navy Headquarter of military supplies
- 12 Developed and supplied RIB 8.5 for the Korean Army

2006

- 01 Acquired K mark standard - Korea Testing Laboratory
- 03 Assigned Venture enterprise
- Small and Medium Business Administration (SMBA)
- 03 Assigned technical innovated small and medium enterprise(INNO-BIZ)
- Small and Medium Business Administration (SMBA)
- 04 Acquired approval of Excellent Performance Certification
- Small and Medium Business Administration (SMBA)
- 07 Certificated Excellent Product - Public Procurement Service
- 09 Certificated NEP (New Excellent Product)
- Ministry of Commerce, Industry and Energy

2007

- 04 POSEIDON RIB, became the third party's cost contract item
- Public Procurement Service
- 08 Signed a contract with BSC INTERNATIONAL to be exclusive distributor of Japan
- 12 Received a minister citation of new technology commercialization
- Ministry of Commerce, Industry and Energy

2008

- 08 Special RIB (POSEIDON S-RIB) development completed
- Ministry of National Defence
- 10 Built 6 Racing yachts (K30) for the Busan cup Women's match racing world championship - Busan Sport Council

2009

- 02 Developed and supplied RIBs for Somalian antipiracy operation - Naval Logistics Command
- 03 Successful research & development of POSEIDON S-RIB confirmation - Ministry of National Defence
- 10 Developed and supplied Torpedo Recovery Boat (POSEIDON TRB)
- 12 Supplied POSEIDON S-RIBs to Korean Navy Special Force
- Defense Acquisition Program Administration

2010

- 06 Developed and supplied loading RIBs for naval vessel
- the National Maritime Police Agency

2011

- 06 Developed hydrofoil RIB - Ministry of Knowledge Economy
- 11 Developed and supplied POSEIDON S-RIB anti-submarine version
- Defense Acquisition Program Administration
- 12 Developed and supplied POSEIDON RIB 8.0 D
- Defense Acquisition Program Administration

2012

- 05 Supplied POSEIDON S-RIBs
- 10 Developed and supplied POSEIDON RIB 8.5 O/B for the Korean Navy - Defense Acquisition Program Administration
- 10 Korean Champion of the 6th YISUNSIN cup international yacht race with IRC K30

2013

- 01 DQMS (Defense Quality Management System) certified
- Defense Agency for Technology and Quality

2014

- 10 Contract for development & supplying 10 VIPERs and 10 Stingrays to Malaysian Armed Forces
- 11 Delivered 8 POSEIDON RIB 8.5 to Naval Logistics Command

2015

- 01 Delivered 4 POSEIDON S-RIBs to Naval Logistics Command
- 06 Delivered 10 VIPERs to Malaysian Armed Forces
- 07 Delivered 10 STINGRAYs to Malaysian Armed Forces

2016

- 07 Contract for development and supplying 12 POSEIDON Rescue Boats for Korean Coastguard
- 08 Delivered 2 POSEIDON 8.0D for Hyundai Heavy Industry / Korean Navy MLS-II
- 11 Delivered 3 POSEIDON 8.7 to Ministry of Oceans and Fisheries
- 12 Delivered 10 POSEIDON 8.7 to Naval Logistics Command, Korea
- 12 Delivered 2 POSEIDON 10.0 to Republic of Korea Marine Corps
- 12 Delivered 1 POSEIDON TRB to Naval Logistics Command
- 12 Contract for the feasibility study of Korean Submersible Assault Boat with Defense Acquisition Program Administration

2017

- 04 Developed and supplied design for Korean Coastguard's POSEIDON Rescue Boat
- 12 Delivered 2 POSEIDON 8.0D for Hyundai Heavy Industry / Korean Navy ACE-II
- 12 Delivered 1 POSEIDON TRB for Hanjin Heavy Industry / Korean Navy MTB
- 12 Delivered 2 POSEIDON Rescue Boats for Korean Coastguard (1st batch)

2018

- 04 Delivered 2 POSEIDON Rescue Boats for Korean Coastguard (2nd batch)
- 11 Delivered 2 POSEIDON Rescue Boats for Korean Coastguard (3rd batch)
- 12 Delivered 6 POSEIDON 8.7 and 1 POSEIDON 6.5 to Ministry of Oceans and Fisheries

2019

- 03 Delivered 2 POSEIDON Rescue Boats for Korean Coastguard (4th batch)
- 04 Completed Feasibility study of Korean Submersible Assault Boat / approved by Ministry of National Defense, Korea

DQMS (Defense Quality Management System) Certificate

Woonam Marine Craft Co., Ltd. is the only high speed small craft manufacturer in Korea with DQMS(Defense Quality Management System) certificate for Design & Manufacturing of Rigid Inflatable Boat, F.R.P Boat, certified by Defense Agency for Technology and Quality.



Acquired major certificates

- ISO 9001:2015
- CE TYPE EXAMINATION CERTIFICATES
- K-MARK CERTIFICATE for POSEIDON R.I.B
- KR(KOREAN REGISTER) MANUFACTURING PROCESS for F.R.P ships
- OVER 20 UNIQUE PATENT TECHNOLOGIES AND DESIGNS



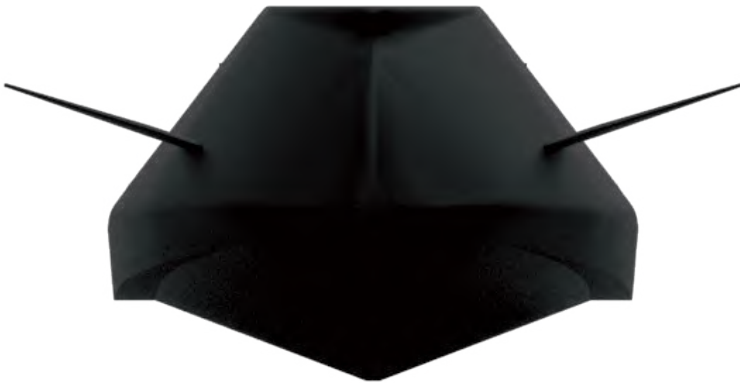


RESEARCH & DEVELOPMENT

As technologies evolve rapidly and the concept of security and defense on sea changes, demands for integrated and innovative solutions increase.

As a leading boat developer in Republic of Korea, WOONAM MARINE CRAFT has been investing a variety of research and development, focusing on not only speed, range or payloads but also special performance, unique operational concepts and strategies.

POSEIDON S.A.B (Submersible Assault Boat)



As a main contractor of the Feasibility Study of Korean S.A.B, WOONAM MARINE CRAFT has designed next generation special craft for Korean Navy, with cutting the edge military technologies and naval architectural techniques.

POSEIDON USV (Unmanned Surface Vessel)

New threat brings on new means of defense.
WOONAM MARINE CRAFT will be manufacturing the first and the best USV in Korea, integrating cutting the edge technologies.







POSEIDON INNOVATION

Korea patented invention No. 0599464, 0753241
The United States of America patent No. US 11/715, 094
Japan patent No. 2007-231472

Fast rescue by sliding part of inflatable tube **POSEIDON SLIDING GATE**



Features

- Low deck level ensures instant and safer recovery
- Convenient recovery without any risk of additional injury during rescue

Simple replacement solution for inflatable tube **SLIDING REMOVABLE SYSTEM**

- Removable aluminium rail protects F.R.P hull
- Spare tubes provide instant replacement when tube is damaged
- Higher operational efficiency

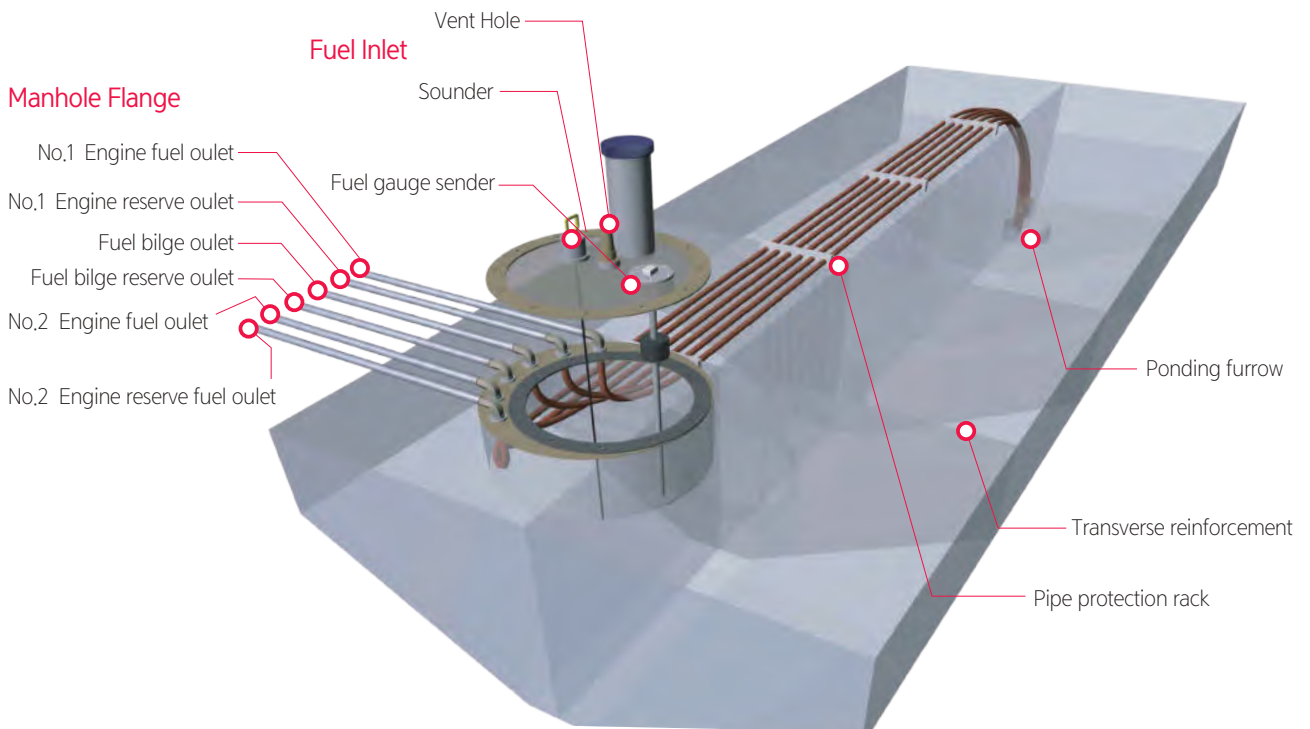
Features

Conventional RIBs require entire dismantling and replacement of tube when both hull structure and tube are damaged, resulting in a long-term repair of entire boat. This Sliding Removable System enables easy maintenance of the tube after simple detachment hence requires considerably shorter maintenance time.



Integrated fuel control system for robust fuel management

OPTIMIZED FUEL SUPPLYING / MANAGING SYSTEM



Features

- Perfect fuel supply into the engine even in emergency situations
- Low breakdown rate of fuel supplying system
- Efficient maintenance with redundancy fuel supply system
- Guarantees reliable solution for successful operation and any naval missions.



POSEIDON MILITARY

POSEIDON S-RIB

Designed for successful mission

- Long range : Over 400 NM with 1,700 litre fuel tank
- Vacuum-infused composite structure
- Safe : Bullet proof windshield
- Seaworthiness : Maneuverable at waveheight 2.5m
- Best for deploy & retreat Special troops : Shock absorbing seats for 16 agents
- Excellent maneuverability by twin VOLVO PENTA IPS 600
- Easy tube removable system (Patent technology)
- Optimized Fuel Supplying/Managing system(Patent technology)

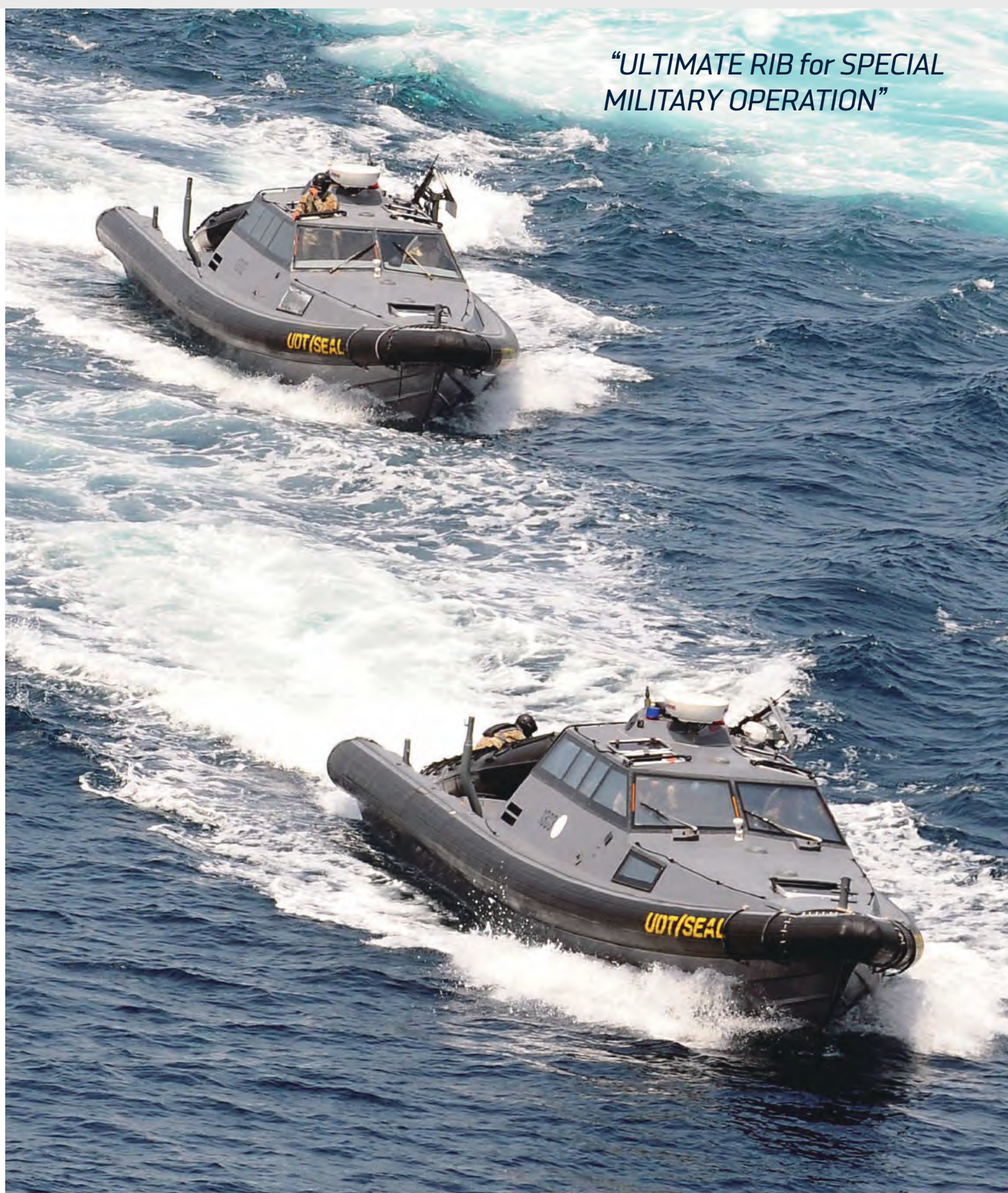
Versatile for any naval operations

- Anti-submarine
- Anti-terrorism
- Anti-piracy
- Infiltrate mission
- Inspection
- Patrol
- Rescue



Item	Particulars	Remarks
Length Over All	14.3 m (± 5%)	
Max. Beam	4.0 m (± 5%)	Including inflatable fender
Max. speed	40 knots	
Displacement	11.0 tons	At fully loaded condition
Range	400 N.M	

*“ULTIMATE RIB for SPECIAL
MILITARY OPERATION”*





POSEIDON MILITARY

POSEIDON RHIB 8.5

Designed for successful mission

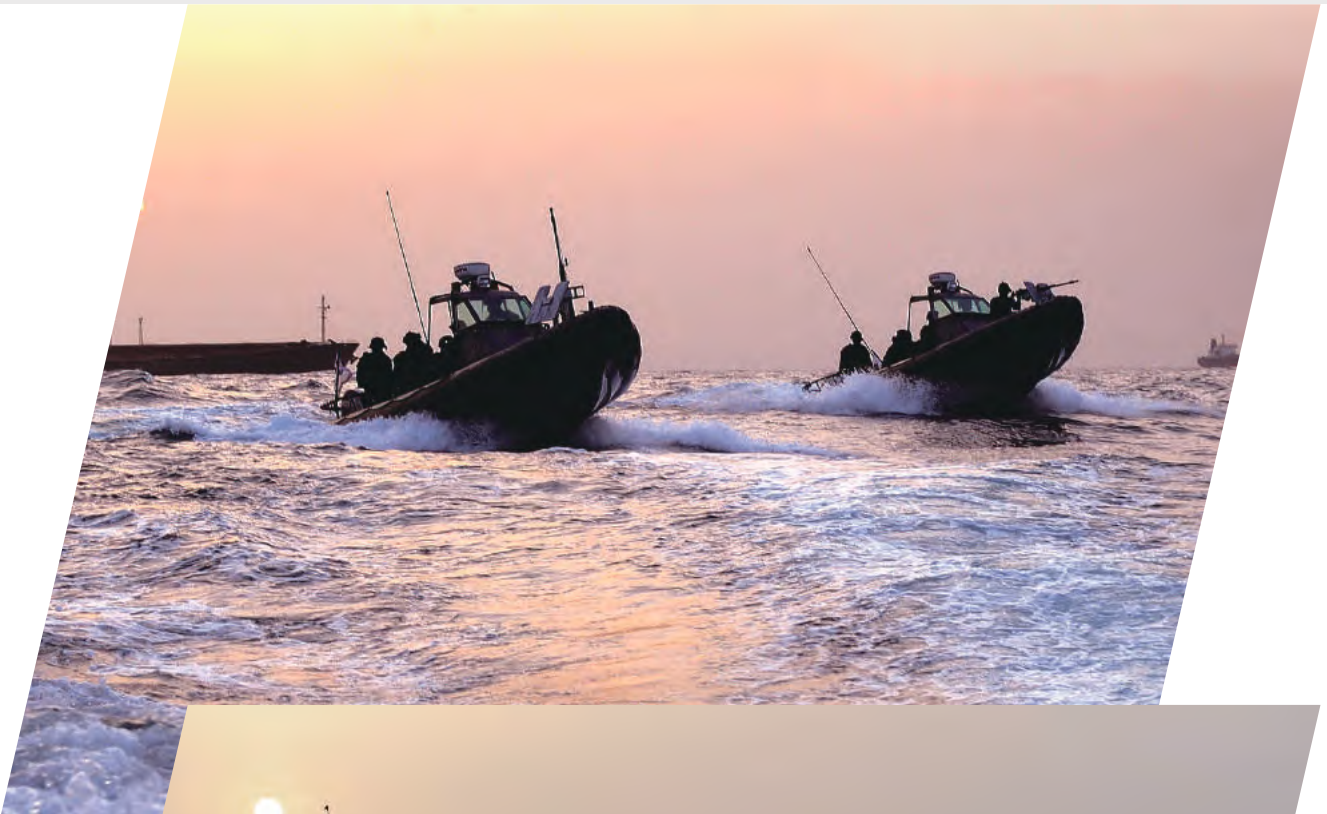
- Long range : Over 190 NM with 600L fuel capacity
- Fast : Over 47 knots at fully loaded condition
- Vacuum – infused composite structure
- Best for special infiltration, patrol & rescue mission : Light weight & Rapid response
- Safe : Bulletproof structure console
- Seaworthiness : Maneuverable at waveheight 2.0m
- Easy tube removable system (Patent technology)
- Optimized Fuel Supplying/Managing system (Patent technology)

Versatile for any naval operations

- Anti-terrorism
- Mothership support
- Inspection
- Patrol
- Rescue



Item	Particulars	Remarks
Length Over All	8.5 m (± 5%)	
Max. Beam	3.0 m (± 5%)	Including inflatable fender
Max. speed	47 knots	
Displacement	Below 4.0 tons	At fully loaded condition
Range	150 N.M	with twin 250HP outboards



POSEIDON RHIB 8,5 for KOREA NAVY UDT/SEAL

*THE HERO OF SOMALI-ANTIPIRACY OPERATION,
“DAWN OF GULF OF ADEN”*



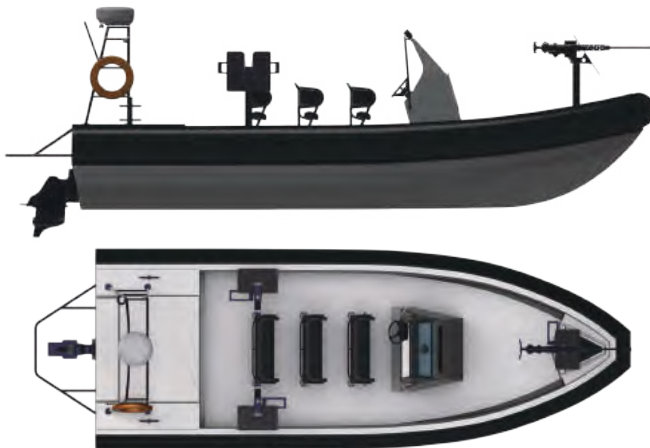
POSEIDON RHIB 8.0D

Inboard version of POSEIDON RHIB 8.5

- Fast : Over 40 knots
- Best for special infiltration, patrol & rescue mission and mothership support
- Vacuum-infused composite structure for light & rapid response
- Safe : Bulletproof structure console
- Seaworthiness : Maneuverable at waveheight 2.0m
- High density foam fender with hypalon skin finish
- Optimized Fuel Supplying/Managing system(Patent technology)

Versatile for any naval operations

- Anti-terrorism
- Mothership support
- Inspection
- Patrol
- Rescue



Item	Particulars	Remarks
Length Over All	8,0 m (± 5%)	
Max. Beam	3,0 m (± 5%)	Including foam fender
Max. speed	40 knots	
Displacement	Below 4,5 tons	
Range	100 N.M	With 3 crew and 200 litre fuel Max.power : single 370HP diesel inboard with stern drive



POSEIDON RHIB 8.0D for KOREA NAVY Destroyer "MUNMU THE GREAT"



***"BEST CHOICE
FOR NAVAL WARSHIPS"***



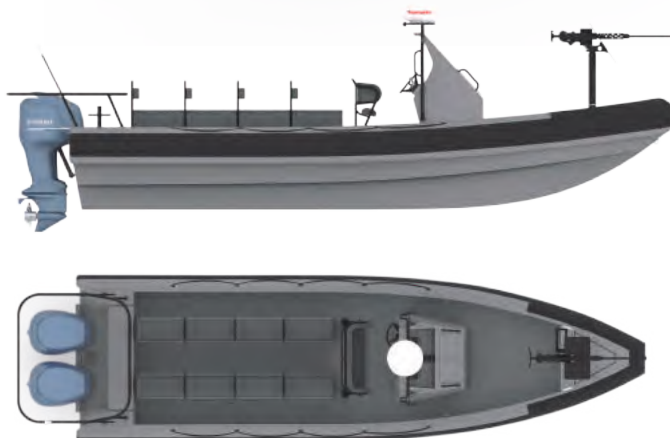
POSEIDON RHIB 9.0 “VIPER”

Aluminium version of POSEIDON RHIB 8,5

- Material : Marine grade Aluminium alloy AL5083-H321
- Compact and light structure
- Bulletproof console structure
- High density foam fender or Inflatable tube
- Can be transported in standard 40ft container
- Developed & delivered for Malaysian Armed Forces, Op Pasir

Versatile for any naval operations

- Anti-terrorism
- Mothership support
- Inspection
- Patrol
- Rescue



Item	Particulars	Remarks
Length Over All	9.0 m (± 5%)	
Max. Beam	2.3 m (± 5%)	Including foam fender
Max. speed	50 knots	
Displacement	Below 3,5 tons	At fully loaded condition
Range	190 N.M	Max.power : twin 250HP outboards



VIPER's patrol operation in Sabah, Malaysia



***VIPER FOR MALAYSIAN JOINT FORCES
OPERATION "OP PASIR"***



POSEIDON VIPER Mk-II

Ultimate RHFB for versatile operations

Developed based on the experiences from Op Pasir
Faster – 45 knots max speed with triple outboard engines
Longer – range over 200 NM
Comfort – cabin with berth and toilet
Seaworthy – maneuverable at Sea State 4
Lightweight marine grade Aluminum alloy AL5083-H321 or Composite
Designed in compliance with ISO 12215

Target purpose

Special Forces missions in high threat environment
Inshore Mobile Command
Counter-terrorism operation
Counter-piracy operation
Long range patrol
Search & Rescue
Diving support
Law enforcements

Specification

Triple outboard engines – max. power 1,050HP for 50 knots
Fuel capacity 1,200 litre
8 shock-mitigating suspension seats
Bulletproof windshield with wiper
5 kW generator with self-contained air conditioning system
Toilet with water closet, wash basin and freshwater tank
Two machine gun posts with shief, customization available
Multi-function display with GPS, radar, echo sounder
Navigation lights as per COLREG
VHF radio system
Public address system
Fire alarm system
Automatic bilge pump system
Air cylinder rack
Bow sunroof
Store under deck
Cabin arrangement customization

Option

Marine refrigerator
Trailer
Extensive bulletproof



***NEXT GENERATION MOBILE COMMAND INTERCEPTOR
FOR HARSH CLIMATE***



Item	Particulars	Remarks
Length Over All	12.0 m (± 5%)	
Max. Beam	3.5 m (± 5%)	Including foam fender
Design Moulded Draft	0.6 m (± 5%)	
Max. speed	45 knots	With 4 crew and 50% fuel
Cruising speed	30 knots	
Lightweight	5.8 tons	
Displacement	7.8 tons	At fully loaded condition
Range	200 N.M +	8 hour at cruising speed



POSEIDON RESCUE BOAT

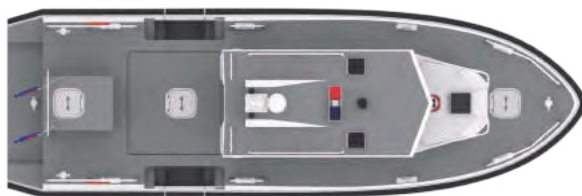
POSEIDON RB 14.3

Ultimate rescue boat with Self-righting capability

Seaworthiness : Maneuverable at Sea State 4
 Marine grade Aluminum alloy AL5083-H321
 Easier recovery with rescue gate system
 Various customizations for any purposes and requirements

Proven design and quality

Korean Coastguard's next generation Rescue Boat
 Designed in compliance with ISO 12215



Item	Particulars	Remarks
Length Over All	14.3 m (± 5%)	
Max. Beam	4.6 m (± 5%)	Including foam fender
Max. speed	37 knots	3 person w/ 70% fuel
Displacement	Below 17.5 tons	
Range	200 N.M	@15 knots, w/ 3 person 70% fuel



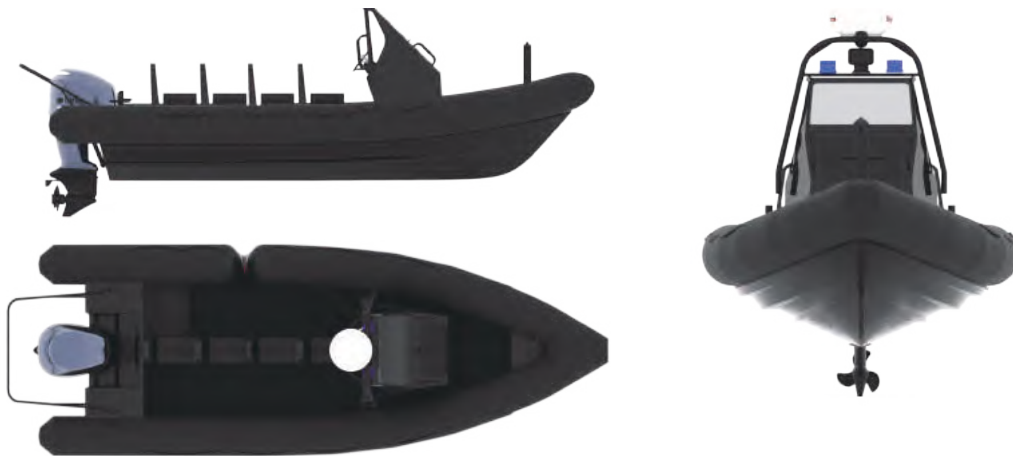
POSEIDON RB 14,3 for KOREA COASTGUARD

***“NEW GENERATION RESCUE BOAT WITH
SELF-RIGHTING ABILITY”***



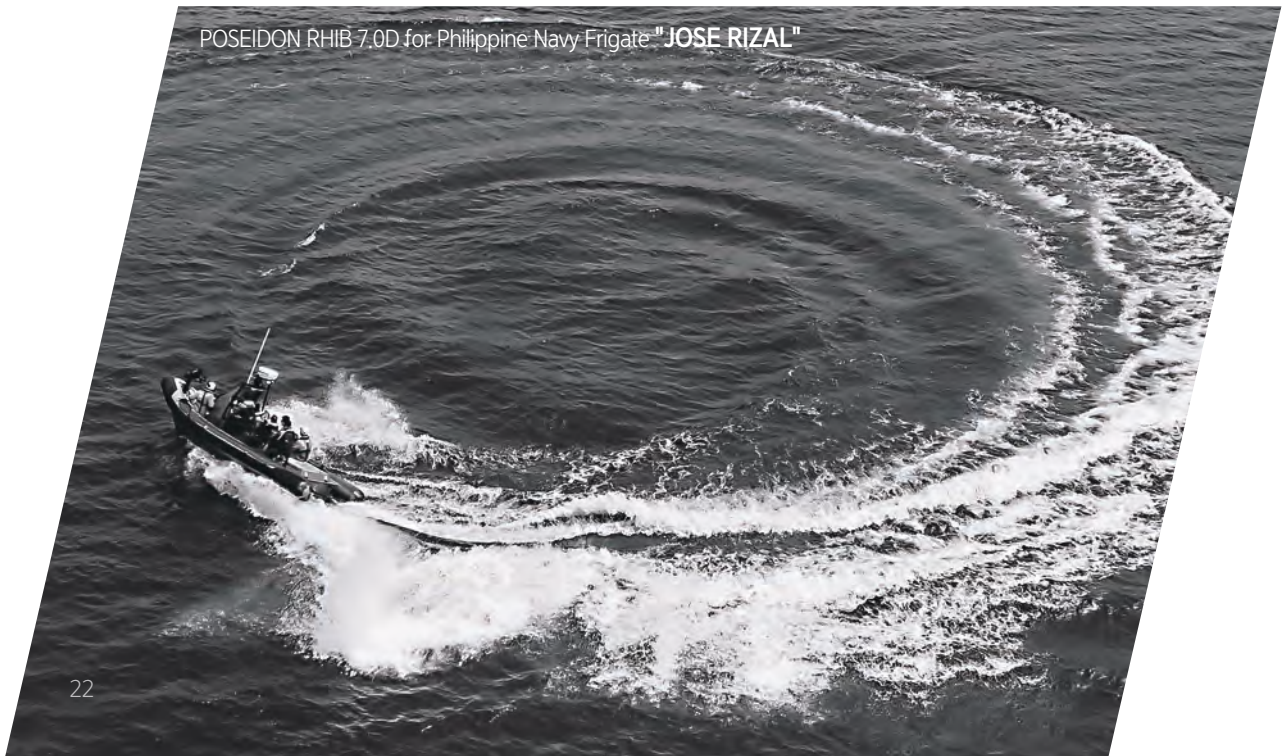
POSEIDON RESCUE BOAT

POSEIDON RHIB 7.0 PSG



Item	Particulars	Remarks
Length Over All	7,2 m (\pm 5%)	
Max. Beam	2,5 m (\pm 5%)	Including inflatable tube
Max. speed	35 knots +	
Displacement	1,5 tons	Max. engine : single 200HP outboard engine or single 220HP inboard diesel engine with stern drive
Range	100 N.M	

POSEIDON RHIB 7.0D for Philippine Navy Frigate "JOSE RIZAL"





POSEIDON RIB 5.2



Item	Particulars	Remarks
Length Over All	5.2 m (± 5%)	
Max. Beam	2.2 m (± 5%)	Including inflatable tube
Max. speed	25 knots +	Standard engine
Displacement	Below 0.9 tons	: single 60HP outboard engine
Range	100 N.M	