

sonitus
engineering solutions

NARVAL 504-P

TAKE YOUR POWER TO THE DEPTHS!



INNOVATIVE TECH COMPANY

About Us

SONITUS Engineering and Consulting serves with superior technology, high brand quality and a dynamic and experienced staff in many fields, especially in the Defense, Maritime, Automotive and Marine Construction Industries...

Our company carries out all its work with great confidentiality and sensitivity in its office located in Istanbul Technopark, one of the most important technology bases of Turkey.

An important milestone for SONITUS Engineering is its incorporation into ARAS Marine Investment Holding as of 2019. With this partnership, our company has grown rapidly, paving the way for our services

to spread over a wide range of industries. Providing services in the national and international arena, SONITUS Engineering has taken part in important export projects, and has reduced our country's dependence on abroad by offering domestic solutions. In this context, it continues its R&D activities intensively and produces new methods and solutions with its innovative structure.





NARVAL 504-P





NARVAL 504-P

Narval 504-P is an advanced underwater vehicle used to monitor enemy threat, conduct strategic operations and perform military missions such as surveillance, reconnaissance, intelligence gathering, submarine and mine detection. Narval 504-P is equipped with stealth features, advanced detection and tracking systems and is designed in a modular fashion to be used effectively in covert operations. Thanks to its modular structure, it can be customized to suit different missions and needs. By combining or replacing various modules, the performance and features of the Narval 504-P can be tailored to specific missions.

The Narval 504-P uses a propeller system to provide propulsion in case of an emergency, resulting in high speed, maneuverability and operational flexibility. Operators can more precisely control the direction and movement of the glider. This is a great advantage for working in tight spaces and evading enemy threats.

The Narval 504-P is capable of operating for 4 hours at depths of up to 500 meters. Potential dangers and mysteries in the depths can be solved by effective use of military underwater gliders, allowing strategic operations to be successfully carried out.



FEATURES AND ADVANTAGES OF NARVAL 504-P

STEALTH TECHNOLOGY

Narval 504-P uses stealth technology in order to leave no acoustic signature and avoid enemy detection systems. It is designed to leave no acoustic signature. With the ability to move silently and stealthily, it ensures being undetected by enemy submarines and surface ships.

The camouflage used is critical to ensure superiority in military operations.

CONFIDENTIAL COMMUNICATION

It provides secure and confidential data transfer. It enables operators to participate effectively in planned tasks.

REMOTE CONTROL AND AUTONOMOUS FEATURES

The military underwater glider Narval 504-P can be remotely controlled or can operate autonomously. These features enable operators to control and perform pre-programmed tasks from a safe distance.

FAST MAINTENANCE AND REPAIR

The modular design greatly simplifies the maintenance and repair processes of Narval 504-P. In the event of a breakdown, damaged or worn modules can be easily replaced, so that the vehicle can be quickly put back into service.

ADVANCED SENSING AND MONITORING SYSTEMS

Narval 504-P is equipped with advanced detection and tracking systems to detect submarines, ships and other targets. Sensors, such as sonar, magnetic field and laser detectors, thermal cameras are used.

WEAPON SYSTEMS

Narval 504-P is used to neutralize torpedoes or other munitions used against submarines and other targets.



500 M
DEPTH
RAITING

4
MONTHS
ENDURANCE



USES OF NARVAL 504-P



UNDERWATER EXPLORATIONS AND SURVEILLANCE

Narval 504-P is used to detect and track enemy submarines. It plays an important role in strategic operations by analyzing the movements of submarines.

COVERT RECONNAISSANCE AND INTELLIGENCE GATHERING

The Narval 504-P is used for covert reconnaissance and intelligence gathering in enemy territory. It acts as a covert eye to detect enemy waters, harbors and other critical targets.



UNDERWATER DEFENSE OPERATIONS

It is used to detect and track enemy submarines. It is effective for conducting preventive and defensive operations against submarine threats.



MINE COUNTERMEASURES

Narval 504-P is also effectively used in dangerous tasks such as mine detection. Mines are explosive devices that pose a great threat to ships and submarines at sea. Therefore, naval forces have to take special measures to detect and neutralize mines.

Narval 504-P is equipped with specialized sensors such as acoustic and magnetic field detectors to help detect mines. By detecting certain characteristics of mines, potential minefields are identified. It can be used for mapping minefields. The map is used to reduce risks during operations and to guide mine countermeasures teams.

Thanks to its stealth features, Narval 504-P can conceal its presence while detecting enemy mines. It can also be used for neutralization of detected mines. When equipped with appropriate equipment, it can neutralize or destroy detected mines in a controlled manner.

With autonomous or remotely controlled vehicles to reduce the risk of human factor in dangerous operations such as mine detection, naval forces can control minefields and increase maritime safety. Military underwater gliders play an important role in underwater mine detection operations with modern technology and stealth features.

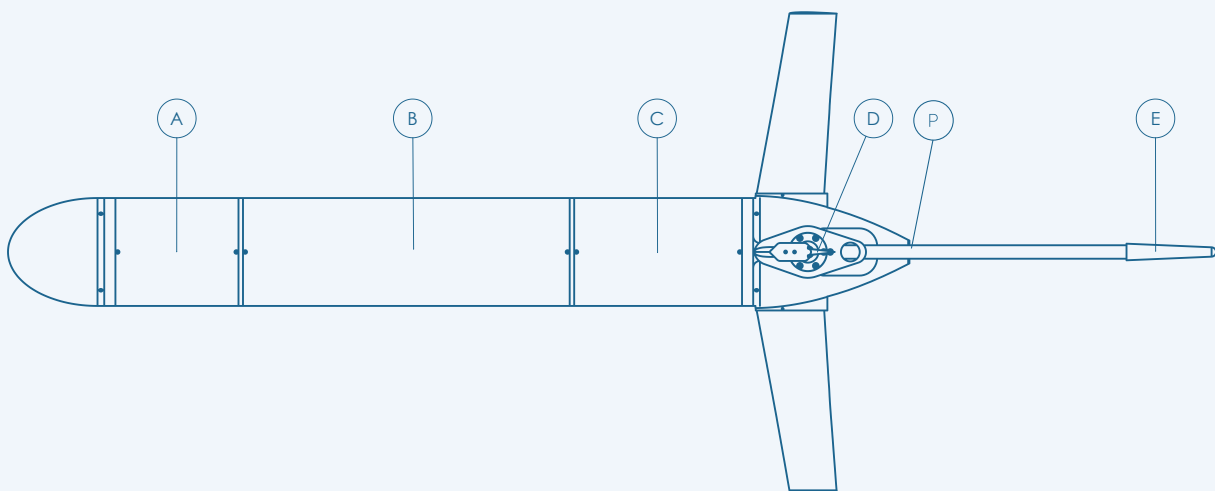
Narval 504-P is the hidden eye and power of the seas. Stealth technology, advanced detection and tracking systems, covert communication and remote control capabilities give them the edge in strategic operations. They play an important role in submarine reconnaissance, covert intelligence gathering and anti-submarine warfare operations.

Narval 504-P may have different characteristics depending on the use of the particular country or military force.





TECHNICAL SPECIFICATIONS



A- Sensor Payload Module

D- Rudder

B- Battery and Pitch Motion Module

P- Propeller

C- Buoyancy Control Module

E- Antenna

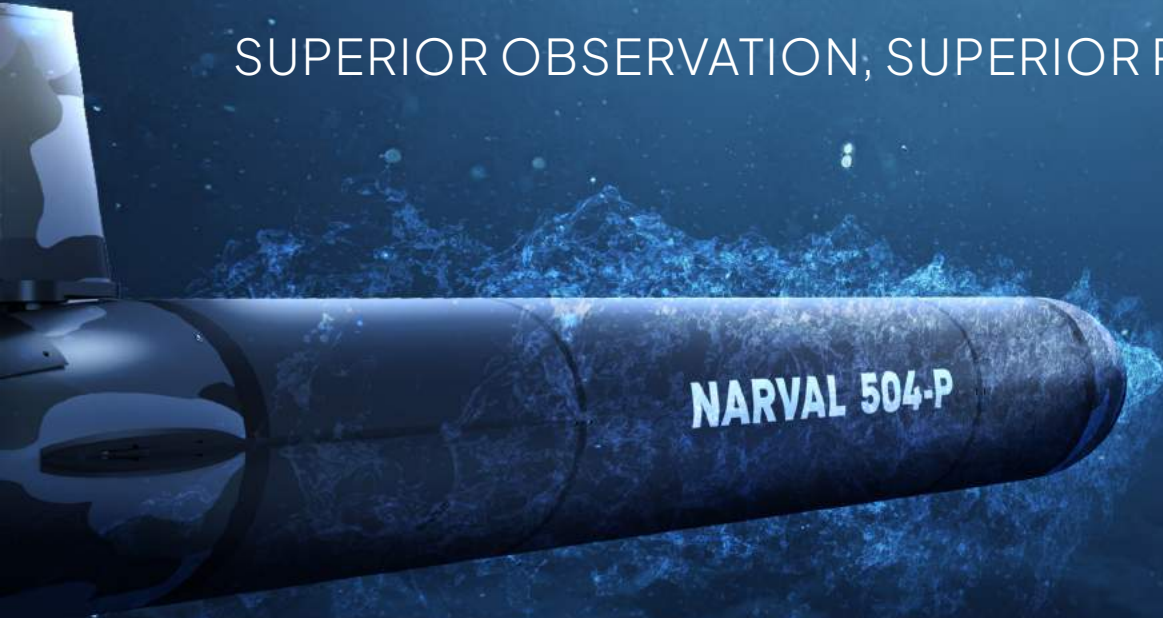


Depth Altitude	500 Meters
Speed	2 Knot
Weight	60 -80 Kg
Length	2 Meters
Wing Span	1 Meters
On Station Time	4 Months
Diameter	240 mm
Navigation	GPS, Pressure Sensor, Altimeter, Gyro

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NARVAL 504-P

SUPERIOR OBSERVATION, SUPERIOR POWER!



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