

Inspector 125

Multimission USV for
unmanned MCM operations

The USV Inspector 125 was designed and built as part of the Belgian and Royal Netherlands Navies' MCM program. It is a multipurpose, autonomous naval platform engineered to operate in harsh maritime environments. With its high payload capacity, it can undertake missions traditionally performed by larger crewed vessels.



FEATURES

- High endurance & stability at sea
- Operation in high sea state conditions
- Autonomous, remote & manned modes
- Multiple payload capability
- Low magnetic and acoustic signatures
- Underwater explosion resilient

OPERATIONS AND SUPPORT

- Umisoft software suite for:
 - Mission planning and management
 - Platform and payload real time control
 - Data gathering and processing
- Comprehensive Integrated Logistic Support

TYPICAL PAYLOAD CONFIGURATION & SENSORS

With its wide and open deck the Inspector 125 is designed to receive a wide range of payload with easy and quick reconfiguration capability.

- Mid-size AUV A18-M
- Towed Sonar T18-M
- 2 Seascan-M + 4 K-Ster C or 6 K-Ster C
- Mine Obstacle Avoidance Sonar (MOAS)
- Diver and force protection payload

CHARACTERISTICS

Hull	Glass Reinforced Plastic (GRP)
Length	12.30 m
Beam	4.20 m
Height	3.80 m - with folded mast
Weight	19 T
Draught	0.85 m
Propulsion	2 diesel engines + waterjets
Payload capability	Up to 2.5 T on the main deck
Max sea state for operations	SS4

OPERATIONAL PERFORMANCES

Endurance	Up to 100 hours
Max speed	25 kt
Typical primary link range	19 NM (LoS)

OPTIONS

- Electro-Optical and Infra-Red Sensors (EO/IR)
- Specific Inspector 125 version for Influence Mine Sweeping system



Inspector 125 with a highly reliable multipurpose USV



Inspector 125 carrying a mid-size AUV or various towed SAS / SSS with its LARS



Inspector 125 carrying Seascan-M and K-Ster C for MCM operations