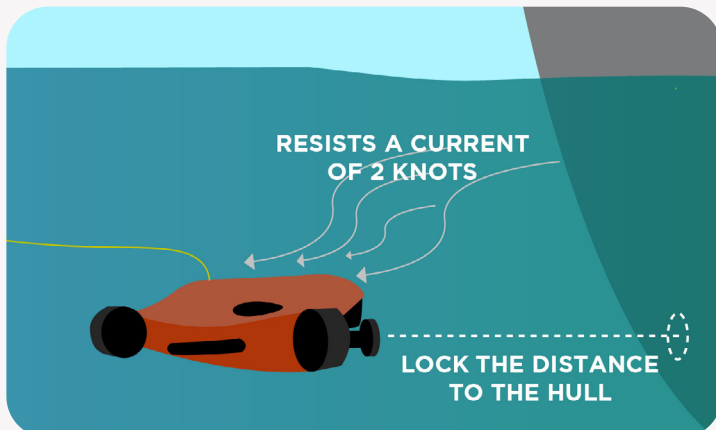# SEASAM HULLSCAN™ DRONE

THE FIRST ROV SPECIALIZED IN HULL INSPECTION

◉ **Seasam HullScan**™ is the most specialized ROV for **hull inspections**.
Faster than any of its competitors, its lateral speed is fast enough to counter currents of over **2 knots**!

◉ **HullScan**™ housing has been streamlined for a maximum efficiency and hydrodynamic profile in any direction. Its 4 orientable outer propellers allow for **2 different speed/ navigation profiles**, whilst retaining the industry-leading stability and manoeuvrability of Seasam drone.

RESISTS A CURRENT OF 2 KNOTS

LOCK THE DISTANCE TO THE HULL

◉ Seasam HullScan comes with **new Smart Locks**:

Hull freeze creates a visual lock of the drone in front of the ship hull with autonomous repositioning.

Advanced hull servoing enables a visual lock combined with automatic lateral gliding alongside the hull for semi-autonomous inspection.
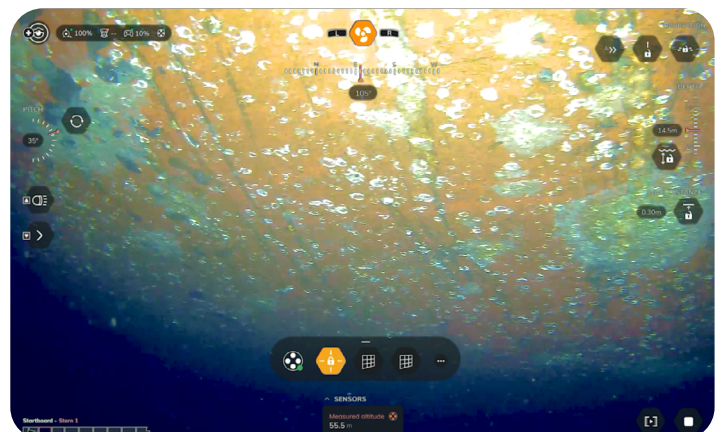
◉ Seasam Control™ pilot application is packed with **smart features to simplify ship inspection**.

USER TESTIMONY

❝ *With Seasam HullScan, I was able to complete a full inspection of a 300-meter vessel at anchor with a 2-knot current and 40-centimeter visibility in less than two hours. The smart lock makes the job so much*

John Mickras, Ship inspector at Marina Inspect

notilo plus
Underwater data, **made easy.**

SEASAM HULLSCAN™ DRONE
TECHNICAL SPECIFICATIONS

SEASAM

SPEC SHEET

ROV CAPABILITIES		
Dimensions	54cm x 44cm x 24cm //	21in x 17in x 9.5in
Buoyancy	Slightly positive underwater - adjustable	
Weight	9 kg / 20 lbs	
30° forward & lateral speed	2.1 kt / 1.5 kt //	1 m/s / 0.52 m/s
60° forward & lateral speed	1.5 kt / 2.1 kt //	0.52 m/s / 1 m/s
Maximum depth	100 m / 330 ft	
Battery runtime	1h30 - upgradabeeable to 4hrs	
Tether length	100m - upgradeable up to 300m	
Lighting	Built-in LEDs 2 x 1000 Lumens - upgradeable	
Ancillary mounts	Ball mounts / 2kg payload	
CAMERA		
Sensor	1/2.8" CMOS Sony IMX290 low light Sensor	
Video resolution	Full HD 1080p - 30 fps - 80° inwater Field of View	
INTERNAL SENSORS		
Depth Sensor (m or ft) // Internal temperature // GPS // 9-Axis IMU		
SEASAM CONTROL APPLICATION		
Navigation assistance	Smart compass // depth - heading - pitch indicators // Locational map // System status indicators	
Survey features	3 speeds - Turbo mode // Wall servoing // Lateral gliding // Hull position widget (manual + auto) // POI flagging	
Other features	DVL // Sensors data display // Speed and interface customisation // File sharing // Live streaming // Notilo Cloud integration	

CONTACT US

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Direct appointment - Click here: **MEETING WITH OUR TEAM**

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