



**N-SEA
KNOWLEDGE:
SHAPING
A NEW
SUBSEA ERA**

**N-SEA EQUIPMENT
INSPECTION
CLASS ROV
MOHICAN**

DELIVERING SUBSEA
PEOPLE / VESSELS / EQUIPMENT

N-SEA: INSPECTION CLASS ROV MOHICAN



The Mohican is a state-of-the-art, electrically powered ROV system utilising the SubCAN control system. Designed and built for survey, diver monitoring, light intervention, inspection, maintenance and repair work.

The ROV features an impressive propulsion system allowing it to work in high current conditions. The ROV and TMS are supplied with a 3000V high frequency supply, allowing the use of a small diameter main lift umbilical and tether. The Mohican is capable of carrying a wide range of cameras and sensors such as sonars and altimeters. For enhanced capability the TMS's entrance can be extended to allow the attachment of tooling skids to the vehicle.

VEHICLE SPECIFICATIONS

Weight in Air	290 kg
Dimensions (LxWxH)	1.15 m x 0.77 m x 0.8 m
Depth Rating	2000 msw
Payload	30 kg

ELECTRIC SUPPLY & PERFORMANCE

Propulsion	6 x SPE-180 Brushless DC Thrusters
Forward /Lateral Thrust	Variable -50 to 105 kgf
Vertical Thrust	60 kgf
Thrust	Vertical

VEHICLE MANIPULATORS & TOOLING

Manipulator	HydroLek 4 function
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VEHICLE CAMERAS & LIGHTING

Cameras	Bowtech Surveyor Colour Zoom Focus Bowtech Explorer Monochrome Seatec Rear Facing Colour
Lighting	4 X Individually Controlled LED Lamps

VEHICLE CONTROL & NAVIGATION

Automatic Control	Auto Heading, Depth and Altitude
Navigation Sonar	Tritech Super Seaking

TETHER MANAGEMENT SYSTEM (TMS) - GARAGE TYPE

Weight in Air (including Tether)	550 kg 250 m Tether
Dimensions (LxWxH)	1.6 m x 1.08 m x 1.63 m (2.03 m Extended)
Cameras	Colour
Lighting	LED Lamp

LAUNCH & RECOVERY SYSTEMS (LARS)

Type	Hydromec A-Frame With Snubber
Max Gross Weight	20 tonnes
Dimensions (LxWxH)	5.3 m x 2.9 m x 3.2 m (folded)
Power Requirements	380 / 400 / 440 v 3 Phase 63 Amp
Mainlift	1000m



CONTROL CONTAINER

Max Gross Weight	10,000 kg
Dimensions (LxWxH)	6.1 m x 2.44 m x 2.6 m
Power Requirements	380 / 400 / 440 v 3 Phase 63 Amp
Facilities	Air Conditioning

OPTIONAL EQUIPMENT

FMD Skid	
CP Inspection Equipment	
Thickness Gauging	
Survey Equipment	



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