



Mohican can be used for all inspection tasks, NDT, light intervention, pipeline/cable/seabed survey, diver assist/safety, harbour & port security, scientific survey & data collection, renewable energy projects, civil engineering, long tunnel excursion and for inland waterways.

The 'dynamic vector' feature enables the operator to adjust thruster angles on the fly for agile manoeuvring and the 3000v 400Hz power system is particularly suited to long tether excursions and deep liveboating operations. The subCAN control system provides advanced diagnostics, precise vehicle control and reduced reactive maintenance. Thus, the benefit of increased dive time, reduced vessel standby and operating costs.

Mohican System Specifications

Length	1150mm
Width	770mm
Height	800mm
Water Depth Rating	2000m
Weight in Air (Kg)	340Kg
Standard Payload	35kg
Deep Payload	30Kg
Shallow Payload	50Kg
ROV Power Required	15 KW 440vAC 3ph 50/60Hz
LARS Power Required	55 KW 440vAC 3ph 50/60Hz
Control Van Power Req.	15 KW 440vAC 3ph 50/60Hz
Forward Thrust	110kgf
Lateral Thrust	110kgf
Reverse Thrust	110kgf
Vertical Thrust	75kgf
Surface Speed (nominal)	3.5 kt = 1.75 m/s

Standard System Equipment

- 1 atmosphere electronics pod / subCAN control, protection & diagnostics system
- Camera Tilt Unit
- Low mass 15 Kw/3000v / 400Hz transformer
- 2000m / 35Kg standard payload buoyancy
- Adjustable 'dynamically vectored' thrusters
- Narrow gauge 16.5mm tether

The system is supplied with dedicated Launch and Recovery System (LARS) and Tethered Management System (TMS)

