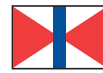


# SUB-ATLANTIC MOHICAN

## Observation Class ROV

- Observation class ROV – 17 Hp HPU
- 3000 m depth rated
- Dynamic Vectoring System



## TECHNICAL SPECIFICATIONS

### ROV GENERAL

Manufacturer:	Forum
Model(s):	12
Depth rating:	3000 m
Power pack:	17 Hp
Through frame lift:	N/A
Dimensions (LxWxH):	1.15 x 0.77 x 0.80 m
Weight:	340 kg
Thrusters:	4 x horizontal 2 x vertical

### PERFORMANCE

Payload capacity:	35 kg
Speed:	3.5 knots Turning rate 180°/second
Bollard Pull	
Forward:	110 kg
Lateral:	110 kg
Vertical:	75 kg

### STANDARD EQUIPMENT FIT

Sonar:	Kongsberg Mesotech MS1000
Lights:	4 x 100 W
Cameras:	1 x low light 1 x black & white 1 x colour zoom Pan & tilt unit
Depth sensor:	Scansense PS30
Compass:	Gyro/ fluxgate

### INTERFACES

Video:	4 x real time video channels
Communication:	4 x video channels 2 x RS 485 channels 4 x RS 232 channels
Options:	On request

### CONTROL MODES

- Auto heading
- Auto depth

### CONTROL / WORKSHOP

Control room and workshop integrated into vessel	
Control console:	Hand held pilot console with all joystick and switches integrated PDU intergrated in 19 inch rack video matrix 16 channel
Video recording system:	DVR black-box duo with independent video overlay per channel

### POWER REQUIREMENTS

N/A – integrated into vessel

### TMS

Manufacturer/ type:	Type 1 cage TMS
Depth rating:	2000 m
Tether capacity:	385 m (16.5 mm tether)
Diameter:	N/A
Height:	2.03 m

### LAUNCH AND RECOVERY SYSTEM

Type:	A-frame
Manufacturer:	Tec safe TSS1503
Certification:	BSEN 12079
SWL:	3.2 Te
Outreach:	3.3 m