



## PARI - 1000MSW WORK CLASS ROV



### ROV Brief Description

The Pari ROV represents the backbone of Alam Subsea's fleet of high powered remotely operated vehicle (ROV) work class systems. Reliable and easily maintained, the ROV provides a 125 hp, high-thrust, and is designed to accommodate underwater intervention tasks in support of oil and gas drilling, construction, and production activities.

### Features:

#### Depth Rating

1000m

#### Max Power Rating

93kW/125HP @60Hz

75kW/100HP @50Hz

#### Dimensions & Weight

Length 2820mm

Width 1490mm

Height 1870mm

#### Weight In-air

3200kg

#### Payload

Standard Vehicle 150kg

Additional Payload 50kg

Through Frame Lift 2000kg

#### Hydraulic Power Unit

93kw/125HP, 3 phase, 4 pole

3KVmotor, oil filled and compensated.

Piston pump output 225lpm@225bar

#### Propulsion System

7x 10kw/13.5HP hydraulic thruster individually controlled

Lateral 4x350Ø mm

Vertical 3x350Ø mm

#### Performance

Forward 700kgf 3.5 knots

Lateral 550kgf 2.5 knots

Vertical 500kgf 1.5 knots

#### Video & Telemetry System

Fiber Optic, 4 real time video + 3 Data Lines (2xRS232 and 1x RS485/RS422)

Coax, 4 real time video

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# ALAM SUBSEA

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## Lighting

2kw available from 4 x 500 watt dimmer channels

EASTAR 250/500 watt 1000m

DSPL Multisealite 3000m

## Control & Navigation

PNI 3-axis Compass

Tritech SeaKing DFS Sonar

Tritech PA200 Altimeter

Auto functions: Heading, Depth, Altitude

## Manipulators (standard fit)

Eastar 7-function Rate Manipulator

Eastar 5-function Rate Grabber Arm

Schilling TITAN 4 (optional fit)

## Cameras (for optional fits, please check availability)

Provision for 6 simultaneous video cameras (3 video lines with focus & zoom functions)

1 x Eastar color camera (Standard fit)

1 x Eastar monochrome camera (Standard fit)

Sidus SS420 color zoom camera (Optional)

Konsberg OE14-366 color zoom camera (Optional)

Outland Tech UWC color camera (Optional)

Insite Tritech Gemini SIT camera (Optional)

ROS Navigator Low Light camera (Optional)

DSPL Super Seacam 5000 (Optional)

## Umbilical

Aramid Armoured w/ 30kN SWL

17 x Power conductor, 4mm<sup>2</sup>, 3.3kV

12 x Power conductor, 0.5mm<sup>2</sup>, 1kV

4 x Screened Quad, 0.5mm<sup>2</sup>

4 x Coaxial element, RG59, 75Ω

1 x Fibre Optic element, 6MM+6SM

## Tooling Interfaces (optional fit)

3" Wire rope cutter

1.5" Wire rope cutter

Disc cutter/grinder/brush tool

Custom tooling available upon request

## Sensors, Instrumentation (optional fit)

TSS Pipe Tracker, CP Probe, FMD, Bathy, Side Scan, etc

## Containers

Complies to DNV 2.7-1, A-60, Zone II

## Handling System

Crane, SWL: 4Te @ 8m

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Specifications subject to change without prior notice.

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