

# Seaeye Surveyor 'PLUS' (#214 or #225) ROV Inspection Class Vehicle

www.tamboritha.com.au

## Specifications

R4



### SERVICES

- Inspection Maintenance & Repair (IMR)
- Survey
- Intervention
- Drill Support

### ADVANTAGES

- EN12079 or DNV 2.7-1 Lift Rated
- Proven capability in high current environment
- IMCA Audited (R006)
- Deployable by A frame or Knuckle Boom Crane
- Biodegradable hydraulic fluids
- Intergrated hydraulic oil bunding
- Extensive remote operational spares
- ISO lock or bolted seafastenings
- Reduced mobilisation time
- Streamline management and operations

Tamboritha's free-flying Seaeye Surveyor PLUS ROVs, are compact and powerful electric Inspection/Survey Class ROVs.

### DETAILS

#### Seaeye Surveyor PLUS (#214 or #225)

1450mmL x 820mmW x 920mmH, Weight: ~300kg

- Depth rating of 600msw
- Payload 45kg
- Forward speed >2.5 knots
- Forward thrust 125kg, Vertical thrust 35kg, Lateral thrust 108kg
- SM4M brushless DC thrusters (8 Horizontal, 2 Vertical)

### NAVIGATION

- Auto heading & depth
- Fluzgate compass with azimuth stability
- 2 x Imaging sonars, one mounted forward, one aft (Tritech Super Seaking)
- Depth gauge (DigiQuartz)
- Novatech ST-400A high powered, pressure activated xenon strobe light
- USBL navigation beacon

### MANIPULATORS

- 5 function manipulator, HLK-4000(EH5) or HLK-5600(HD5) grabber arm

### LIGHTING

- 4 x Seaeye halogen lights (600 W) Dimmable

### VIDEOGRAPHY / DATA / THIRD PARTY TOOLING

- 1 x high resolution (HR) color zoom camera (Kongsburg - OE1366)
- 3 x HR color cameras (Luxus)
- Seaeye integrated camera tilt platform
- Video overlay for survey positioning & third party data
- Video clip and image capture
- Video recording available to Digital Edge, HDD or DVD
- 'Blackbox' video for all camera channels
- Optional Tools -Inspection Skid, Intervention Skid



P +61 (0)8 6498 9060 | E office@tamboritha.com.au | W tamboritha.com.au

Delivering safe and reliable underwater services in Australia | Thailand | Malaysia | Myanmar

# Seaeye Surveyor 'PLUS' (#214 or #225) ROV Inspection Class Vehicle

[www.tamboritha.com.au](http://www.tamboritha.com.au)

## Specifications

### ROV CONTROL CONTAINER / WORKSHOP

6100mmL x 2500mmW x 2600mmH, Weight: 8T (EN12079)

- ROV control and monitoring
- Specialized tooling multifunction workshop
- Comprehensive remote area spares
- Spare umbilical
- External plug connectivity
- ROV deployment/stowage with integrated monorail
- ROV UPS (20 KVA)
- Electrically isolated by delta:star transformer with RCDs; and LIM's protecting underwater hardware
- Hardwired communication system with remote stations for bridge/ survey, inspection and ROV deck
- Electrically compliant to IP56
- Deck tooling in accordance with NOPSEMA 110 VAC rulings

### UMBILICAL WINCH

1800mmL x 1200mmW x 2100mmH, Weight: 3T (EN12079)

- Umbilical 209 spec
- 30m of deck cable
- 11 KW HPU c/w bunding
- Local and Remote deck controls
- Local isolation and soft starter
- Pressure tested hydraulic hoses
- Line pull > 1.5 x weight of ROV

### "A" FRAME LARS

4500mmL x 2440mmW x 3000mmH (Transport mode), Weight: 2.5T (EN12079)

- Rotator/Snubber (Hand free deployment/recovery)
- Supervisor controlled ROV release
- Dual Launch/recovery cameras and lights
- "A" frame mounted deployment/recovery winch
- Powered from umbilical winch HPU
- Pressure tested hydraulic hoses

### OPTIONAL KNUCKLE BOOM CRANE LARS (3T Helia Crane)

2440mmL x 2000mmW x 3000mmH, Weight: 3.5T (EN12079)

- Integrated structural lift and installation frame
- 690 kg rated @ 4.65m [DAF 2.5]
- Integrated HPU c/w bunding
- Electrically compliant to IP56
- Rigging storage
- Pressure tested hydraulic hoses

### POWER REQUIREMENT

- 2 x 50 KW @ 50 or 60 Hz supplies from marine vessel: and/or
- Deck generator



P +61 (0)8 6498 9060 | E [office@tamboritha.com.au](mailto:office@tamboritha.com.au) | W [tamboritha.com.au](http://tamboritha.com.au)

Delivering safe and reliable underwater services in Australia | Thailand | Malaysia | Myanmar