



SEAEYE SURVEYOR PLUS

INSPECTION CLASS ROV

With 125kgf of forward thrust, 108kgf of lateral thrust, and a 5-function working manipulator as standard, Tamboritha's 600m-rated free-flying Seaeye Surveyor Plus ROV, is a compact, and powerful electric Inspection-Class ROV. Fitted with ten thrusters to provide more power than most Inspection-Class ROVs, and also a contingency measure to shut down some thrusters and still safely finish the work, the Surveyor Plus is a compact system that has been designed for survey, inspection and observation works. The system is ideal for drill support, and also has ample payload to accommodate a full survey suite including a TSS 440 Pipe Tracker.

As with Tamboritha's other Electric ROVs, our two Surveyor Plus ROVs have two options for launch and recovery. The primary option is the A-frame LARs and when deck space is limited there is the option is a marine-rated knuckle-boom crane. For fast mobilisations on short projects, it is also

possible to utilise a ship's crane for launch and recovery, although this is not preferred. Whether using the A-frame or the crane, the deck space required for the Surveyor Plus is minimal, as the controls/video suite and workshop/stores are housed in one container and mobilisations are fast and relatively simple with only 2 or 3 lifts.

To further enhance practicality, reliability, and to reduce mobilisation time, Tamboritha's Surveyor Plus is fitted with a UPS system with power filtering capability for the complete system. This allows it to be powered by a rig or vessel power system without the need for an additional generator.

Tamboritha only use biodegradable hydraulic fluids and all hydraulic systems are fully banded to help preserve the environment.

All lift hardware is certified to EN12079 or DNV 2.7-1 and the system is equipped with sufficient spare parts to support operations in remote locations.



CONTACT US

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TECHNICAL SPECIFICATIONS

METROLOGY

Depth Rating	600msw
Length	1450mm
Width	820mm
Height	920mm
ROV Weight	300kg
Payload	45kg

VISION & CONNECTIVITY

Primary Camera	1 x 460 TV line resolution
Auxiliary Camera	2 x 460 TV line resolution
Pan & Tilt	Seaeye Integrated Tilt Platform
Lighting	4 x variable intensity 150 W

POWER

Thrusters	SM4M brushless DC thrusters (8 Horizontal, 2 Vertical)
Forward Thrust	125kgf
Vertical Thrust	35kgf
Lateral Thrust	108kgf
Speed (Forward)	>2.5 knots

DEPLOYMENT & OPERATIONS

Launch & Recovery	A-Frame LARS as standard, with option of boom crane if deck space is limited
Workshop /Spares	Combined Control Van/ Workshop, stocked for remote operations

SENSORS

Sonar (imaging)	Dual, Triton Super Seaking Sonars, 325 KHz & 650KHz
Heading	Gyro, flux-gate compass with azimuth stability. Accuracy $\pm 1^\circ$
Depth	Electronic depth sensor accurate to $\pm 0.1\%$ FSD accuracy
Strobe	Novatech, Model ST-400A "Double Burst" Flash

TOOLING

Manipulator	Hydro-Lek 5F (HLK-HD5)
Optional Tools	Inspection Skid, intervention skid