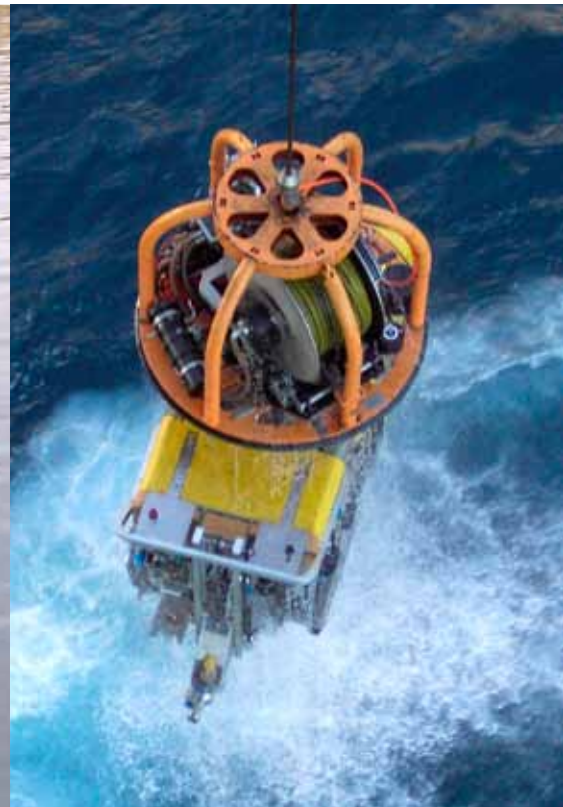


INSTALLER

SPECIFICATION SHEET



WORK CLASS ROV - INSTALLER

KEY FEATURES

THE INSTALLER CAN ACCOMMODATE

- UP TO 24 ADDITIONAL TOOLING HYDRAULIC FUNCTIONS, OF WHICH 4 ARE HIGH FLOW (75L/MIN)
- THROUGH FRAME LIFTING CAPACITY OF 3.0TE
- UP TO 20 ADDITIONAL SURVEY SENSORS
- UP TO 8 CAMERAS
- ALL HYDRAULIC FUNCTIONS ARE PROPORTIONALLY CONTROLLED
- GROUND FAULT MONITORING ON ALL CHANNELS IN THE ELECTRONICS SYSTEM
- A VARIETY OF AUTO FUNCTIONS
- STATION KEEPING CAPABILITIES
- TOOLING BASKET INTEGRATED IN SKID

GENERAL

DEPTH RATING	2500msw
POWER	125 Shaft Hp, dual pump system
THRUSTERS - HORIZONTAL	4 x horizontally vectored
THRUSTERS - VERTICAL	3 x vertically vectored
WEIGHT AND LOAD	
WEIGHT	3100kg (tare)
INCL. SKID AND MANIPS	3780kg
PAYLOAD	300kg in water (with std. Equipment mounted)
THROUGH FRAME LIFT	3000kg
DIMENSIONS	
LENGTH	3.0m
WIDTH	1.5m
HEIGHT	1.9m
HEIGHT W. STD SKID	2.2m

PERFORMANCE

SURFACE PERFORMANCE	
FORWARD	3.0kn
AFT	3.0kn
BOLLARD PULL	
FORE/AFT	800kg
MECHANICAL INTERFACES	Four docking receptacles underneath the ROV
OPERATING TEMPERATURES	-20 to +45deg
AUTO FUNCTIONS	Heading, Pitch, Roll, Depth / Altitude

STANDARD EQUIPMENT

(1) Low Light Camera	
(1) North Seeking Gyro	
(2) Colour Zoom Camera	
(1) Colour mini camera	
(1) Emergency beacon	
(1) Obstacle Avoidance Sonar	
(1) Wire Cutter 38mm	
(2) Hydraulic Pan and Tilt unit	
(1) Hydraulic Tilt Unit	
(10) 250W Lights, variable intensity	
MANIPULATORS	
LEFT HAND SIDE	Schilling Rigmaster 5F
RIGHT HAND SIDE	Schilling T4 7F

ISOLATED HPU

PRESSURE	210 Bar max, adjustable from pilot chair
FLOW	78lpm
LOW FLOW VALVES	20 x 8 lpm, (9 spare) proportional flow control
HIGH FLOW VALVES	4 x 75lpm proportional flow and pressure control
FILTERS	Pressure, return and water absorbing

ERGONOMIC AND FUNCTIONAL PILOT INTERFACE

INTERFACE	Touch screen
Joysticks and computer controlled from pilot chairs	
One or two pilot chairs (customer choice)	
Realtime overview system	

TELEMETRY & SENSORS CAPACITY

SERIAL CONNECTIONS	32 Channels, 115kbps
ETHERNET	Optional
VIDEO	Interface for 8 cameras, interface for digital photo camera, HDV (optional)
GYRO	FOG is standard / INS is optional
ALTIMETER	Standard
DEPTH SENSOR	Standard
OTHER SENSORS	17 spare connections
SPARE OPTICAL FIBERS	5
LIGHTING CAPACITY	10 x 250W dimmable lamps

CONTROL CONTAINER

6.1 x 2.44m, A60 safe area container, housing power distribution, control consoles and video suits

WORKSHOP CONTAINER

6.1 x 2.44m, A60 safe area container, housing extensive spares, consumables, tools, manuals and test equipment

TELEMETRY AND SENSORS CAPACITY

ENVELOP DIMENSIONS	
LENGTH / WIDTH	ø2.2m (lower frame)
HEIGHT	2.13m including latch unit
DEPTH RATING	3000m
WEIGHT (IN AIR)	2800kg
THROUGH FRAME LIFT (LATCH LOAD)	10000kg
LIFTING POINT CAPACITY	12800kg
TETHER / DRUM CAPACITY (Ø X L)	ø35mm x 400m
POWER SUPPLY	3kV / 3ph / 60hz
TOTAL POWER, HPU MOTOR	15kW

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DeepOcean accepts no responsibility for and disclaims all liability for any errors and/or omissions in this production.

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.

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