

# CONSTRUCTOR

SPECIFICATION SHEET



WORK CLASS ROV

KEY FEATURES



- THE NEW CONSTRUCTOR IS A HEAVY DUTY WORKROV DESIGNED FOR CARRYING AND OPERATING LARGE TOOLS AND MODULES.

## GENERAL

DEPTH RATING	3000msw
POWER	150hp
THRUSTERS HORIZONTAL	4 x Sub Atlantic SA-380
THRUSTERS VERTICAL	3 x Sub Atlantic SA-380
WEIGHT	4500kg with Skid and manipulators.
PAY LOAD	600kg
THROUGH FRAME LIFT	3000kg
DIMENSIONS L X W X H	3220mm x 1700mm x 2165mm

## PERFORMANCE

### SURFACE PERFORMANCE

FORWARD	3,1 knots
LATERAL	1,7 knots
BOLLARD PULL	
FORWARD/AFT	800kg
LATERAL	540kg
VERTICAL UP	360kg
VERTICAL DOWN	670kg

## STANDARD EQUIPMENT

1 X LOW LIGHT CAMERA
1 X NORTH SEEKING GYRO
2 X COLOUR ZOOM CAMERA
1 X 5 FUNCTION GRABBER
1 X 7 FUNCTION MANIPULATOR ARM
2 X COLOUR MINI CAMERA
1 X EMERGENCY BEACON
1 X OBSTACLE AVOIDANCE SONAR
2 X HYDRAULIC PAN & TILT
1 X HYDRAULIC TILT UNIT
10 X 250W LIGHTS, VARIABLE INTENSITY
TOOL DRAWER: MOUNTED AS STANDARD IN SKID.

## ISOLATED HPU

PRESSURE	210Bar max, adjustable from pilot chairs
FLOW	105LPM@210Bar available.
LOW FLOW VALVES	20 x proportional flow 8l/min. Pressure and flow controlled from pilot chairs
HIGH FLOW VALVES	4 x proportional 80l/min. Pressure and flow controlled from pilot chairs
FILTERS	Pressure, Return & Water absorbing

## ERGONOMIC AND FUNCTIONAL PILOT INTERFACE

INTERFACE	Touch screen Joystick & Computer controlled from pilot chairs Realtime overview system
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## TELEMETRY AND SENSORS CAPACITY

SERIAL CONNECTIONS	36 channels, 115bps
ETHERNET	GBit
VIDEO	Interface for 8cameras Interface for digital photo camera
HD VIDEO	Optional
GYRO	FOG is standard / INS is optional
ALTIMETER	Standard
DEPTH SENSOR	Standard
OTHER SENSORS	Connectors: 5 x 115VAC and 4 x 24VDC
SPARE OPTICAL FIBERS	3
LIGHTING	10-250W dimmable lamp

## CONTROL CONTAINER

6 x 2,5m A60 Safe area Container, housing power distribution, control consoles and video suites.

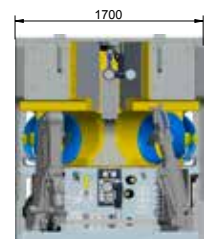
## WORKSHOP CONTAINER

6 x 2,5m, A60 Safe area Container, housing extensive spares, consumables, tools, manuals and test equipment.

## TECHNICAL MOBIC TMS

### ENVELOP DIMENSIONS

LENGTH / WIDTH	Ø2.200mm (Lower frame)
HEIGHT	2.419mm incl. latching unit
DEPTH RATING	3.000msw
WEIGHT IN AIR	3.500kg
THROUGH FRAME LIFT (LATCH LOAD)	10.000kg
LIFTING POINT CAPACITY	12.800kg
TETHER DRUM CAPACITY	Ø35mm x 400meter
POWER SUPPLY	3kV/3ph/60Hz
TOTAL POWER HPU MOTOR	15kW



Revision Date 01.10.13

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