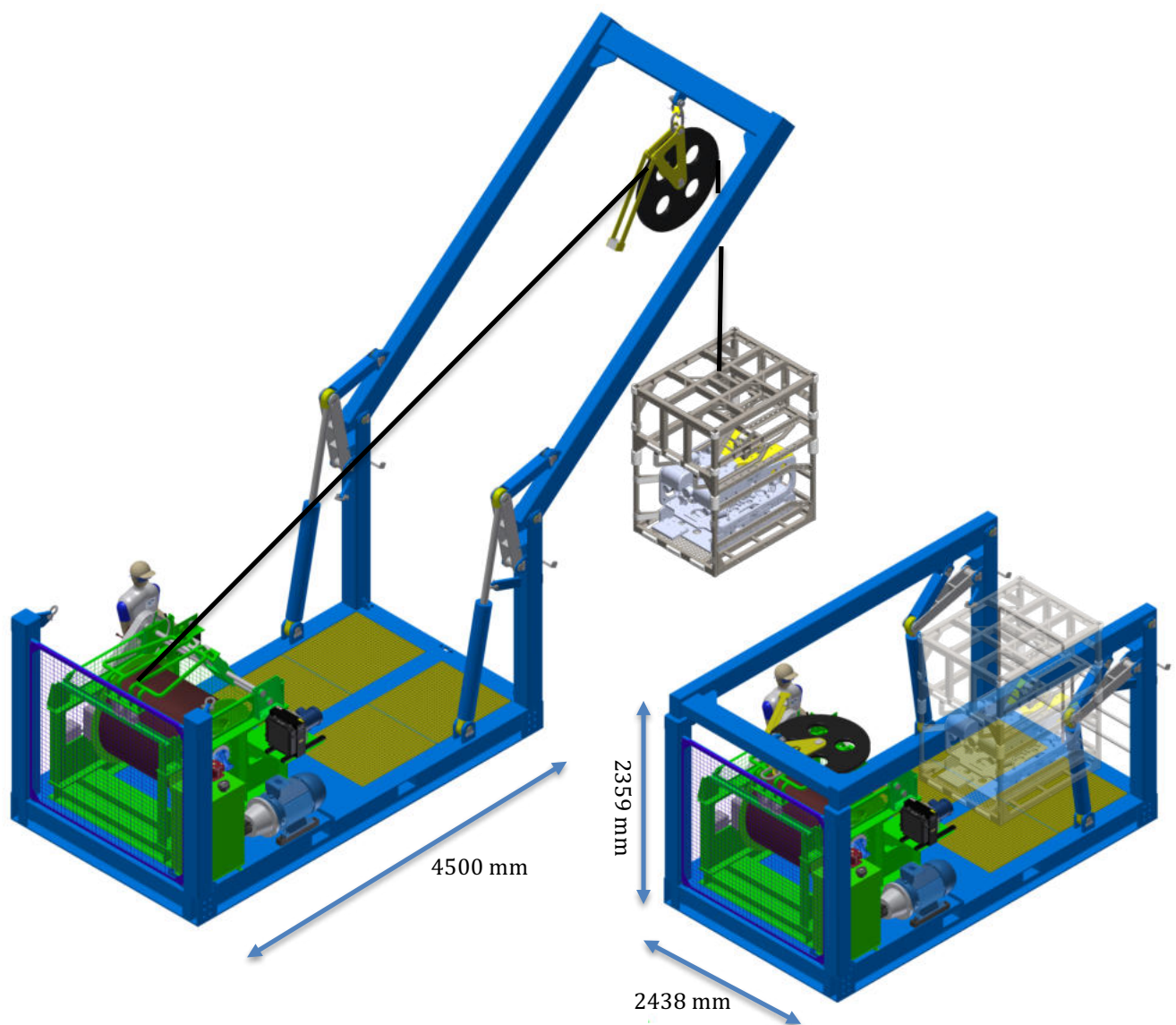


LT0.6-1000 ROV LARS Data Sheet

LT0.6-1000 ROV Launch and Recovery System (LARS) is intended for launch and recovery ROV System with in-air package weight of 600Kg or less with typical footprint of not more than 1,500mm x 1,500mm. The main winch drum holds up to 1,100m of 16mm OD armored umbilical intended for operation at up to 1,000 water depth. Snubber (motion damper) is available as an option if required. In transportation mode, the entire LARS folds into shape of a rectangular box with width and length suitable for transportation on 20FT Container Ship Flat Rack.



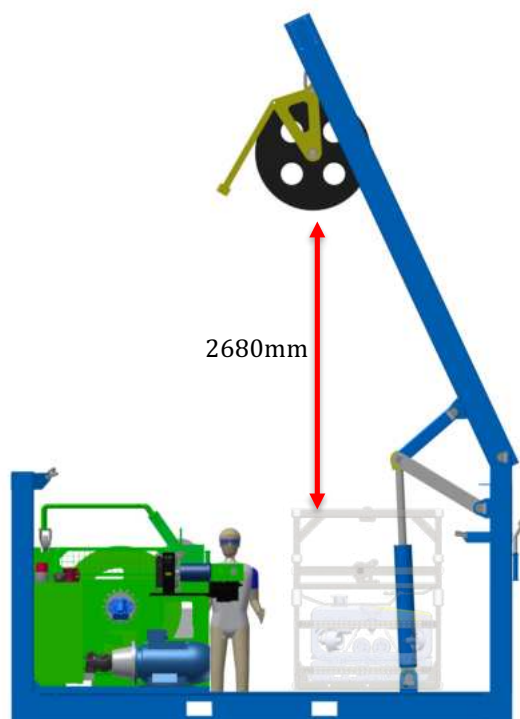
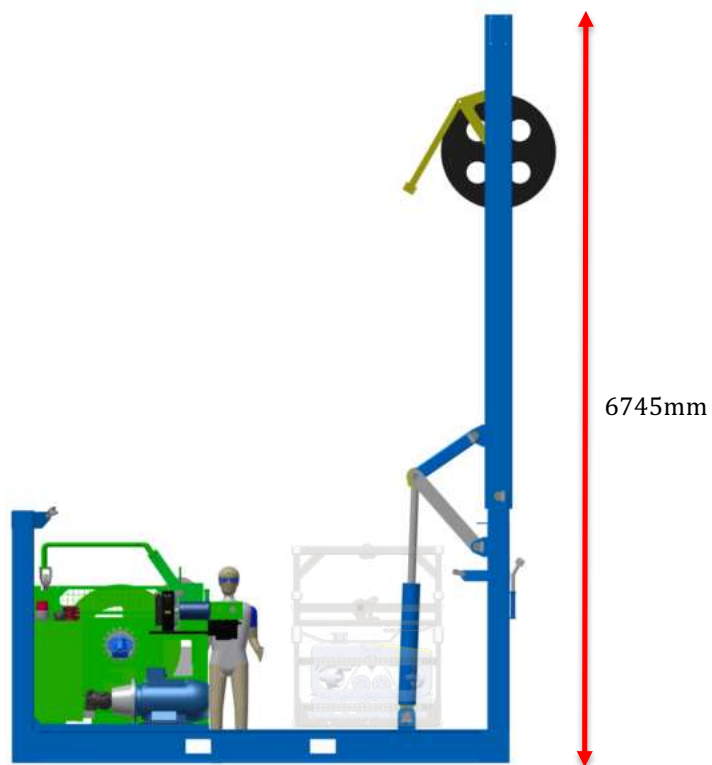
West Marine Technologies Pte Ltd

25 International Business Park
 #03-60A/B German Centre, Singapore 609916
 sales@wmt.com.sg

(Doc Ref No: A00010122)

Page 1 of 3

LT0.6-1000 ROV LARS Data Sheet



West Marine Technologies Pte Ltd

25 International Business Park
#03-60A/B German Centre, Singapore 609916
sales@wmt.com.sg

(Doc Ref No: A00010122)

LT0.6-1000 ROV LARS Data Sheet



Overall	
Dimensions	4,500mm (Length), 2,438mm (Width) 2,359mm (Height) Stowed for Transportation
Out Reach	3,092mm
Design Temperature	0°C to 50°C (Standard) -20°C to 50°C (Optional)
Max Launch Package Weight	600Kg (TMS + ROV Package)
Design Factor	3g
Lifting	Four Point Lift / Total Package Lifting SWL 8Te
Offshore Lifting Certification (Optional)	DNV 2.7.3
Lifting Appliance Certification (Optional)	DNV 2.22
Painting	SA2.5, Epoxy Primer, Epoxy Barrier, PU Top Coat
Tare Weight	6,500kg (exclude umbilical TMS & ROV package)
Maximum Gross Weight	8,000kg
A-frame	
Design	Self-Erect Linkage Mechanism
Sheave Assembly	1000mm OD Main Sheave Assembly
Hydraulics Cylinder	Marine Grade Cylinder with 17-4PH SS Rod
Pivot	17-4PH SS Pin with Composite Bushing
Umbilical Winch	
Winch Drum Capacity	1,100mm up to 16mm OD
Winch Line Pull at Top Layer	1,500Kg
Winch Line Pull at 1 st (core) Layer	1,850Kg
Winch Braking Force at Top Layer	1,800Kg
Winch Braking Force at 1 st (core) Layer	2,200Kg
Winch Drive	Brevini or RR Gearbox + Hydraulics Motor
Level Wind	Diamond Screw Auto-Level Wind
HPU	
Power Requirements	380-460VAC 3Ph 50/60HZ
HPU Rating	12KW@ 50Hz / 14.4KW@60Hz
HPU Reservoir	200 Litre
Control	Manual PVG32 (Remote Control Pendant is an option)
Cooling	Air-Cooled
Filter	Return Line Filter
Starter Panel	Star – Delta c/w 30m Neoprene Supply Cable
Lifting Sling	Certified 4-legged lifting sling

West Marine Technologies Pte Ltd

25 International Business Park
#03-60A/B German Centre, Singapore 609916
sales@wmt.com.sg

(Doc Ref No: A00010122)

Page 3 of 3