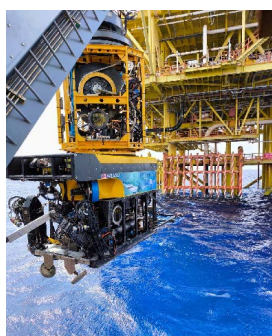


ROV JERUNG SERIES



150HP JERUNG WORK CLASS ROV WITH TMS



ROV BRIEF DESCRIPTION

The Jerung ROV represents Alam Maritim's fleet of heavy duty remotely operated vehicle [ROV] work class systems complete with a Tether Management System [TMS]. Reliable and easily maintained, the ROV provides a 150 hp, high-thrust, and is designed to accommodate underwater intervention tasks in support of oil and gas drilling, construction, and production activities.

Features:

Depth Rating

3000m

Max Power Rating

130kW/175HP @60Hz

Dimensions

3100mm [L] x 1600mm [W] x 2000mm [H]

Weight In-air

4300kg

Payload

Standard Vehicle 300kg

Through Frame Lift 2500kg

Propulsion System

Lateral thrusters 4x350Ømm

Vertical thrusters 3x350Ømm

Performance

- 1000kgf, 3.5 knots Forward
- 1000kgf, 2.0 knots Lateral
- 850kgf, 1.5 knots Vertical

Video and Telemetry System

- Fiber Optic
- 1 x HD Camera
- 8 real time video (2 channels with zoom and focus)
- 10 data lines (4 x RS232 and 6 x RS485)

Hydraulic Power Unit

100kW / 150HP twin axial piston pump configuration

Lighting

4 x individually dimmable channels (can support up to 8 LED light units)

Disclaimer: This brochure is for promotional purposes only. All details are provided in good faith but without guarantee; Specifications are subject to change without notice and do not constitute an offer or contract. Interested parties are advised to verify all information through direct inspection of the system.
Last revised: May 2026



ROV JERUNG SERIES



150HP JERUNG WORK CLASS ROV WITH TMS

Control & Navigation

3-axis flux gate compass, integrated rate gyro
 Tritech SeaKing DFS Sonar or equivalent
 Tritech PA200 Altimeter or equivalent
 Auto functions: Heading, Depth, Altitude

Standard Components

7-function Rate Manipulator
 5-function Rate Grabber Arm
 Pan & Tilt unit

Launch & Recovery System (LARS)

Model Lawson Engineers Ltd
 ES1809 LARS
 Power Requirement 420 - 480 VAC, Max 132A @ 440VAC/60Hz

Tether Management System (TMS)

Maximum Drum Tether Capacity	550m of 27mm
	Tether
Hydraulic Power	8.5kW 11HP
Diameter	1800mm
Height	2000mm
Weight (in air)	2400kg
Weight (in sea-water)	1400kg
Depth Measurement	±0.2m Pressure
	Transducer
Lighting	2 x 30W lamps
Video	Camera on Tilt unit

Control Containers & Equipment

Control Container Designed according to DNV 2.7-1 a-60, Zone II
 Air conditioning 1 x 2HP
 Power Requirement 420 - 480 VAC, 60Hz, 3ph, 400A @ 440VAC/60Hz

Umbilical

Ø40mm Steel Armoured
 23 x 4mm² 3kV rated power and earth cores
 6 single + 6 multi-mode fibers in common loose tube
 1 x quad spare

System Dimensions and Weights

	mm (L x W x H)	Tonnes
20ft ROV Control Cabin	6100 x 2500 x 2500	13.5T
20ft ROV Workshop Cabin	6100 x 2500 x 2500	13.5T
ROV	3100 x 1600 x 2000	4.0T
TMS	1800Ø x 2000	2.5T
LARS HPU	2500 x 1800 x 3000	5.0T
Winch	3200 x 2920 x 3650	28.0T
A-Frame [Stowed]	8150 x 3260 x 2440	16.0T
Charge Cart 15kW	1320 x 600 x 510	1.0T



Scan to connect with us

ABOVE SPECIFICATIONS ARE FOR GUIDANCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE

Details are given without warranty; interested parties should verify by inspecting the system. | Last revised : May 2026