



OFFSHORE TECHNOLOGY SOLUTIONS LTD.

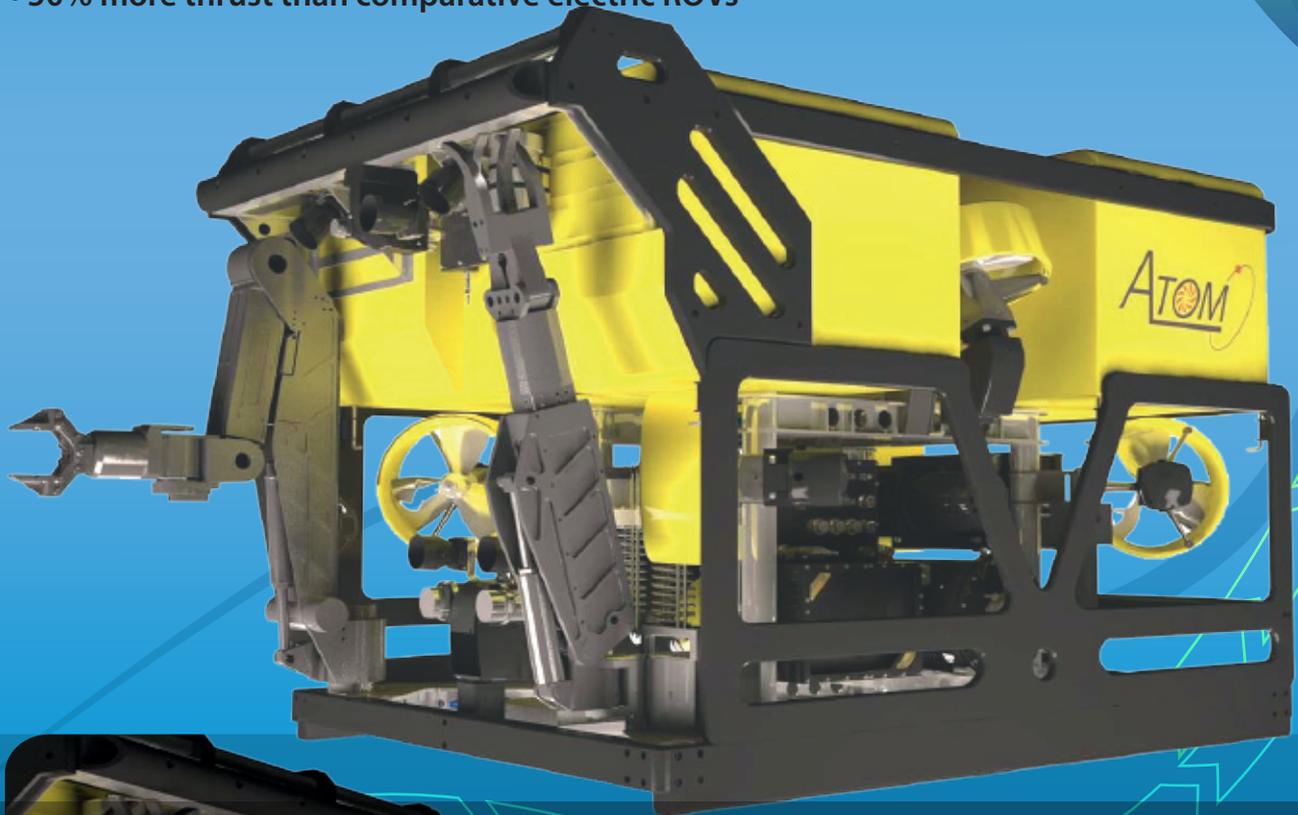
# OFFSHORE TECHNOLOGY SOLUTIONS LTD. ROV - SMD-ATOM

## OTSL ROVFLEX Division SMD-Atom

is an ultra compact work class ROV comparable in size to an electric ROV system. The vehicle is suitable for drill support, survey and light construction duties and can be mobilised on vessels and rigs with limited deck space. Designed with ease of operation and maintenance in mind, the Atom boasts the latest DVECSII distributed control, graphical displays and pilot aids coupled with proven powerful Curvetech™ components. Atom can be supplied as a complete package with SMD's ultra compact TMS and LARS.

### FEATURES

- Ultra compact ROV
- Ability to carry the latest survey instruments
- Easy to operate and maintain
- Extensive free space for mounting tools
- SMD AutoROV DP advanced control modes
- 50% more thrust than comparative electric ROVs



**ULTRA COMPACT WORK CLASS ROV**





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# ROV - SMD-ATOM SPECIFICATIONS



## OTSL ROV - SMD-ATOM

VEHICLE MODEL - SMD-Atom

### Vehicle Features:

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### General Specifications:

- Depth rating 1000, 2000, 3000, 4000 msw
- Dimensions (L x W x H) 2500 x 1500 x 1500mm
- Weight in air (base system) 2000kg
- Payload (base system) 150kg
- Through frame lift 1500kg

### Performance Specifications:

• Bollard pull	Optional	Standard
• Forward/aft	400kgf	550kgf
• Vertical (up)	330kgf	330kgf

### • Surface performance

• Forward	2.9kn	3.5kn
• Lateral	2.3kn	2.8kn
• Vertical	2.0kn	2.0kn

- Auto functions - heading, depth, altitude
- Optional - ROV DP
- Hydraulic power - 60hp (45kW), 100hp (75kW)
- Tooling power - Main hydraulics

### Instruments & Tooling Specifications:

- Hydraulic channels
- Standard 10ch iHCU (15LPM), 1ch (high flow)
- Optional Torque tool controller
- 2ch iHCU (95LPM)
- Video capability
- Standard 6 x channels composite
- Optional 2 x HDTV channels
- Gyro - Standard Gyro compass
- Optional NS FOG
- Lighting 2 x HID + 6 x halogen or LED
- Manipulator 1 x 7F pos feedback (T4 compatible)
- Grabber 1 x 5F rate, heavy duty

