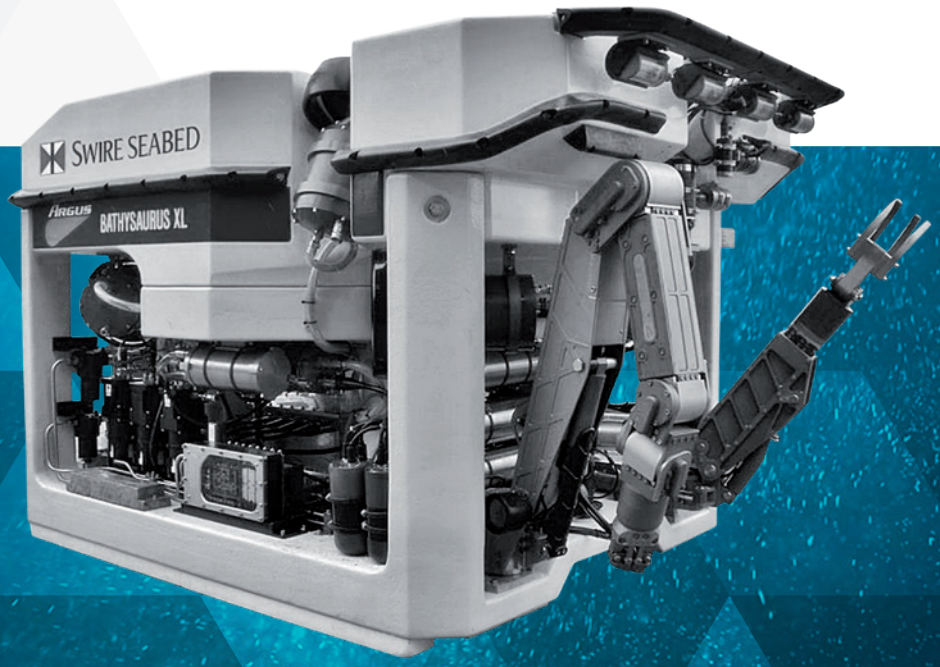
SWIRE SEABED

Reaching further



ARGUS BATHYSAURUS XL

Work Class ROV

- Medium duty work class ROV – 90 Hp HPU
- 6000 m depth rated
- Through frame lift capacity of 1 t

ARGUS BATHYSAURUS XL

SWIRE SEABED
Reaching further

TECHNICAL SPECIFICATIONS

ROV GENERAL

Manufacturer:	Argus
Model(s):	64
Depth rating:	6000 m
Power pack:	90 Hp
Through frame lift capacity:	1000 kg
Dimensions (LxWxH):	2.5 x 1.6 x 1.6 m
Weight:	2800 kg
Thrusters:	4 x horizontal 3 x vertical
Hydraulics Pressure:	3000 psi main HPU 3000 psi aux HPU
Max flow:	40 LPM tooling HPU 9 LPM manipulator HPU

PERFORMANCE

Payload capacity:	150 kg
Speed	
Forward:	3 knots
Lateral:	2 knots
Bollard Pull	
Forward:	400 kg
Lateral:	400 kg
Vertical:	370 kg

STANDARD EQUIPMENT FIT

Manipulators:	1 x 5 function Schilling Rigmaster 1 x 7 function Schilling T4
Sonar:	Kongsberg Mesotech MS1000
Lights:	6 x 130 W LED
Cameras:	1 x HD 1 x low light 4 x CCD colour
Depth sensor:	SAIV TD303, digiquartz
Compass:	KVH C-100 Fluxgate RateGyro TOGS North seeking GYRO
Hydraulic outlets:	8 outlets fitted; additional on request
Altimeter:	Kongsberg MS1007 Altimeter

INTERFACES

Video:	6 x real time video channels
Communication:	12 x survey outlets fitted for RS-232
Options:	On request

CONTROL MODES

- Auto head
- Auto depth
- Auto altitude

CONTROL / WORKSHOP

Control container:	20 ft
Workshop container:	20 ft
Control console:	2 x ergonomic pilot chairs integrated joysticks integrated touch screen 19 inch rack Argus video overlay HD hard disk recorder
Video recording system:	HDTV video system transmitting HD-SDI from camera to surface

POWER REQUIREMENTS

A-frame HPU:	(common with winch HPU)
Winch HPU:	440 VAC, 60 Hz, 3-phase, 110 A
ROV PDU:	440 VAC, 3-phase, 60 kW, 80 A
Control container:	230 VAC, 3-phase, 12 kW, 32 A
Power/ workshop container:	440 VAC, 3-phase, 12 kW, 16 A

TMS

No TMS for this system; free-flying

LAUNCH AND RECOVERY SYSTEM

Type:	A-frame
Manufacturer:	Lidan
Certification:	DNV 2.22, 2.7-3
SWL (deployed):	6.5 Te
Outreach:	3.7 m

For further information email: **chartering@swireseabed.com**