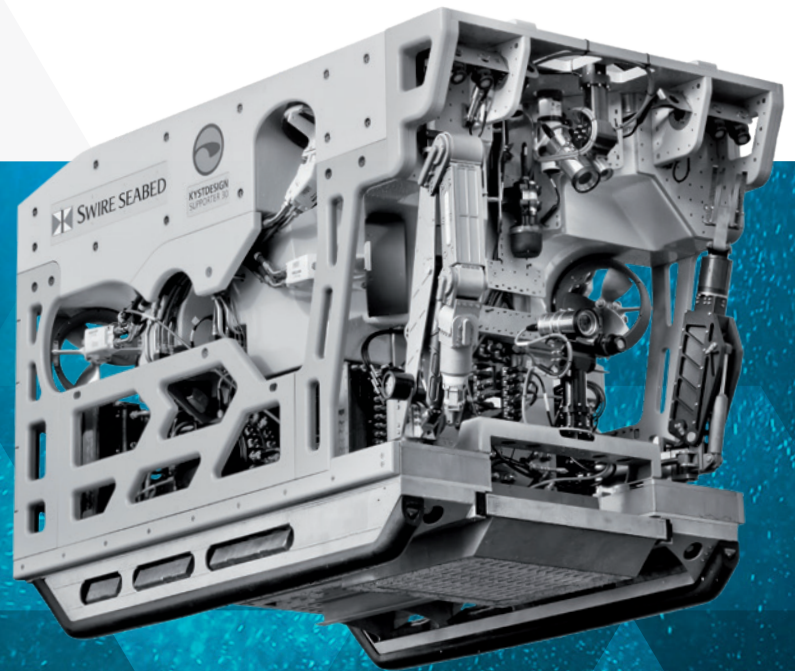


SWIRE SEABED

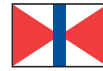
Reaching further



# KYSTDESIGN SUPPORTER

## Work Class ROV

- Heavy duty work class ROV – 150 Hp HPU
- 3000 m depth rated
- Through frame lift capacity of 3 t
- Top hat TMS
- Interface prepared for advanced survey equipment
- Active Heave Compensation ready Launch and Recovery System
- Versatile system, internationally mobile
- Small footprint optimised for easy transportation and fast mobilisation



## KYSTDESIGN SUPPORTER

### TECHNICAL SPECIFICATIONS

#### ROV GENERAL

Manufacturer:	Kystdesign
Model(s):	29 and 30
Depth rating:	3000 m
Power pack:	150 Hp
Through frame lift capacity:	3000 kg
Dimensions (LxWxH):	2.75 x 1.70 x 1.65 m
Weight:	3600 kg
Thrusters:	4 x horizontal 3 x vertical
Hydraulics Pressure:	3300 psi main HPU 3000 psi aux HPU
Max flow:	200 LPM main HPU 120 LPM aux HPU

#### PERFORMANCE

Payload capacity: 380 kg

##### Speed

Forward: 3.1 knots  
Lateral: 1.5 knots

##### Bollard Pull

Forward: 670 kg  
Lateral: 600 kg  
Vertical: 620 kg

#### STANDARD EQUIPMENT FIT

Manipulators:	1 x 5 function Schilling Rigmaster 1 x 7 function Schilling T4
Sonar:	Kongsberg Mesotech MS1000
Lights:	10 x 2300 W LED
Cameras:	2 x CCD colour 1 x low light navigation 2 x tooling cameras 1 x tooling camera mini zoom
Depth sensor:	Valeport Mini IPS
Compass:	Octans Nano
Hydraulic outlets:	20 x low flow (8 l/min @ 200 bar) 4 x high flow (120 l/min @ 208 bar) 1 x full flow (200 l/min @ 230 bar)
Altimeter:	PA500/6-S

#### INTERFACES

Video:	8 x composite video channels (SD)
Communication:	36 x serial communication channels
Options:	On request

#### CONTROL MODES

- Auto head
- Auto depth
- Auto altitude

#### CONTROL / WORKSHOP

Control container:	20 ft
Power/ workshop container:	20 ft
Control console:	2 x ergonomic pilot chairs integrated joysticks integrated touch screen 19 inch rack video matrix 16 channel
Video recording system:	DVR black-box duo with independent video overlay per channel Options Videologger HDD recorder

#### POWER REQUIREMENTS

A-frame HPU:	(common with winch HPU)
Winch HPU:	440 VAC, 60 Hz, 3-phase, 400 A
ROV PDU:	440 VAC, 60 Hz, 3-phase, 360 A
Control container:	440 VAC, 60 Hz, 3-phase, 32 A
Power/ workshop container:	440 VAC, 60 Hz, 3-phase, 32 A

#### TMS

Manufacturer/ type:	Kystdesign
Depth rating:	4000 m
Tether capacity:	425 m (35 mm tether)
Diameter:	2.33 m
Height:	2.28 m

#### LAUNCH AND RECOVERY SYSTEM

Type:	A-frame (29) Moonpool (30)
Manufacturer:	Lidan(29) Seaonics (30)
Certification:	DNV 2.22, 2.7-1, 2.7-3 (29) DNV 2.22 (30)
SWL (deployed):	10 Te
Outreach:	5 m (29)