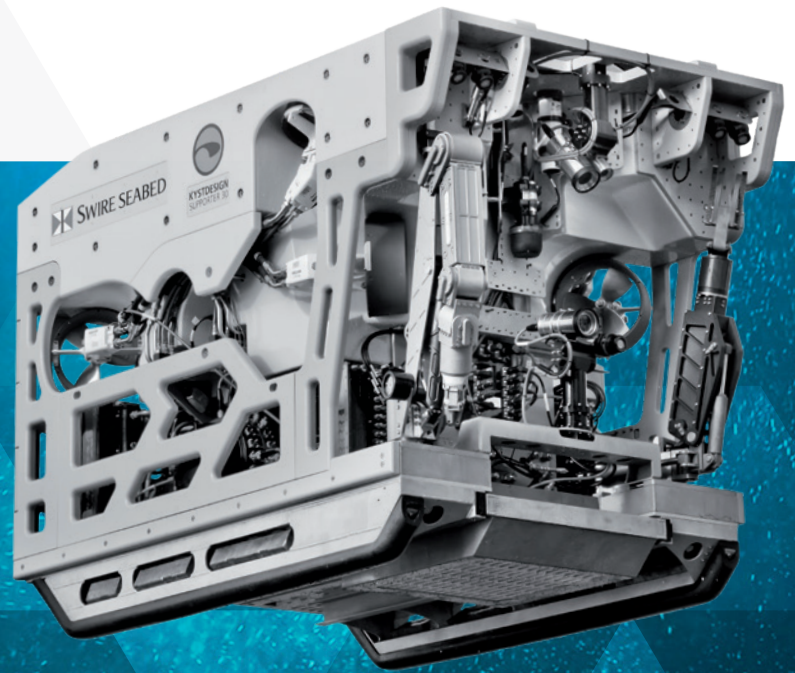


SWIRE SEABED

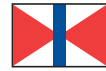
Reaching further



KYSTDESIGN SUPPORTER 31

Work Class ROV

- Heavy duty work class ROV – 150 Hp HPU
- 6000 m depth rated
- Through frame lift capacity of 3 t
- Top hat TMS
- Interface prepared for advanced survey equipment
- Active Heave Compensated Launch and Recovery System



KYSTDESIGN SUPPORTER 31

TECHNICAL SPECIFICATIONS

ROV GENERAL

Manufacturer:	Kystdesign
Model(s):	31
Depth rating:	6000 m
Power pack:	150 Hp
Through frame lift capacity:	3000 kg
Dimensions (LxWxH):	2.75 x 1.70 x 1.75 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:	220 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 Phins C3
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
- Station keeping

CONTROL / WORKSHOP

Control room and workshop integrated into vessel

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

N/A - Integrated into vessel

TMS

Manufacturer/ type:	Kystdesign
Depth rating:	6000 m
Tether capacity:	1100 m (35 mm tether)

LAUNCH AND RECOVERY SYSTEM

Type:	A-frame
Manufacturer:	Ulmatec
Certification:	DNV 2.22
SWL (deployed):	19 Te
Outreach:	5.4 m