

Deep C SCV



The Deep C SCV (Subsea Construction Vehicle) is a powerful and versatile tracked subsea vehicle with unmatched 20'' restricted dredging system. The Deep C SCV can perform several heavy duty tasks with subsea interchangeability, providing cost reductions on deck equipment, personnel and time.

- ❖ Powerful subsea tracked vehicle
- ❖ High efficiency 20'' unrestricted dredging system
- ❖ Several working modes available for subsea interchangeability
- ❖ Low ground pressure and high level of mobility
- ❖ Large working envelope
- ❖ Sophisticated subsea monitoring and visualization system



Deep C[®]

Technical Specifications

- SCV

Dimensions

LxWxH:	7000x3000x4400 mm
Dry weight:	25 000 kgs
Weight submerged:	20 000 kgs

Operating Environment

Operational class:	R45 SXX
Current:	3 knots
Max operating depth:	2000 msw

Structural/ Handling

Certification:	DNV 2.7-3
Lifting arrangement:	4 (2x2) legged wire sling
Umbilical:	Steel armoured

Sensor configuration

Cameras:	8 off
LED lights:	8 off
Sonar:	Multi frequency
Gyro:	Lodestar 200 AHRS
Transmitters:	Pressure & temperature
Positioning sensors:	Stroke & rotation

Mobility/ Maneuverability

Ground pressure:	15 - 20 kPa
Stability:	1:3 inclination
Arm outreach (from center):	14 m
Lifting capacity:	5,5 t @ 11,5 m
Turret orientation:	360°

Dredging system

Standard dredging system:	20"
Available range:	12" to 24"
Backflush:	remotely operated

Jetting system

Clay excavation:	1 – 22 bar
Cutting/ cleaning:	700 – 2500 bar

Power

Max dredging:	400 kW
Max jetting:	400 kW
Max hydraulic:	500 kW

