



Sub-Atlantic Comanche



- Small Work Class ROV, mobile system
- Excellent for construction and survey tasks
- Gravity-based LARS with 3,200 m main lift umbilical
- 3,000 m depth capability
- 300 m tether capacity
- Propulsion system with 4 horizontal and 3 vertical thrusters gives high thrust and lifting capability
- May be outfitted with add-on tools such as SeaBat 7125 MBE
- Easy mobilization and demobilization



TECHNICAL DETAILS

Unit serial no: 004

Propulsion

4 x SPE 250 horizontal thrusters (Sub Atlantic)
3 x SPE 250 vertical thrusters (Sub Atlantic)

Depth capability 3,000 m

Speed

Forward speed: 3.0 knots
Lateral speed: 2.5 knots

Dimensions

Height: 1,200 mm
Width: 1,290 mm
Length: 2,025 mm
Weight (approx): 850 kg

Payload capability 250 kg
Under-slung 250 kg

Auto-functions

Heading Control: Yes
Depth Control: Yes
Altitude Control: Yes

HPU

15 kW Hydraulic unit.

Hydraulic manifold

12 station manifold with 10 solenoid and 2 proportional valves

Manipulators

Orion 7 function Manipulator
Orion 4 function Gripper

Winch

Cable capacity: 3,200 m
Recovery speed: 60 m/min

TMS

Depth rating: 3,000 m
Height: 2.57-2.90 m
Width: 1.66 m
Weight in air: 180 kg
Weight in water: 900 kg
Tether capacity: 300 m

Standard sensors

Depth

Strain Gauge/Digiquartz

Heading

Flux gate with pitch and roll
IXSEA Octans (Optional)

Altimeter

Manufacturer: Kongsberg 1007

Sonar

Manufacturer: Kongsberg Mesotech
Model: MS1000 / 1071

Camera

Model: Kongsberg Maritime
OE 15-102 Monochrome
OE 14-366 Color zoom
OE 1358 (mini)

Light

4 X 250 W on 2 dimmable circuits

Power requirement

ROV system: 3ph 440V/60 35KVA
Control container: 3ph 440V/60 4KVA
LARS: 2 x 3ph 440V/60 42KW

A-Frame

Reach: Tekmar
3.50 m
Width: 2.90 m
Length: 4.30 m
Weight: 11 tons

Winch

Capacity: 3,200 m All Ocean
Length: 3.2 m Width: 2.3 m
Weight: 13 tons Height: 2.1 m

HPU

Width: 1.1 m All Ocean
Height: 2.1 m Length: 2.4 m
Weight: 2.5 tons

Control Van

Length: 20 foot DNV: 2.7.1
Weight: 12 tons

Specifications subject to change without notice.