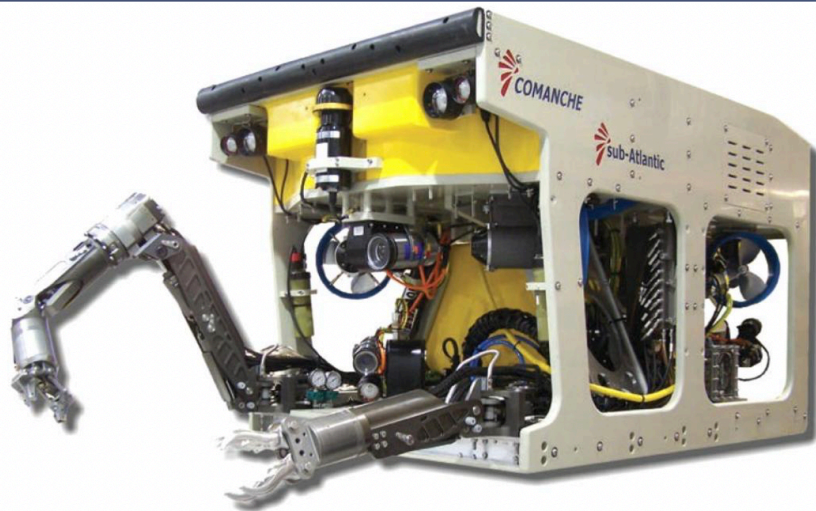




# TAN CANG OFFSHORE SERVICES JSC.

## Vessel Specification



# COMANCHE 32

## Technical Specification

LIGHT WORKCLASS ROV

*“Our success is driven by the customers”*



### DEVELOPED FOR :

- Drilling support & well intervention
- Pipeline and jacket Inspection
- Inspection, Repair And Maintenance
- Construction works
- Submarine / Maritime rescue

### MAIN PARTICULARS

#### REMOTELY OPERATED VEHICLE

Depth Rating	3000 meters sea water		Pump	REXROTH A10VSO provide 32 Lpm @ 207 Bar
Payload	285 kg		Manifolds	8 & 12 Station GFVP
Dimensions	2100 mm (L) x 1300 mm (W) x 1250 mm (H)		Auto Functions	Heading, Depth, Altitude
Weight In Air	1015 kg		Heading Control	Fluxgate Compass / Tritech Intelligent Gyro Compass
Bollard Pull	260 kgf	Fwd/Aft	Depth Control	Scan Sense PS30
	260 kgf	Lateral	Altitude Control	Tritech PA500
	195 kgf	Vertical	Telemetry	4 x Real-Time Video Channels 2 x RS232 Data Channels 4 x RS485 Data Channels
Vehicle Speed	3.0 knots		Lighting	4 x 40 W LED Dimmable Lamps
Propulsion	4x Horz & 3 x Vert SPE-250 Brushless DC Thrusters			
Thruster Control	Velocity Feedback Control			

Technical parameters are subject to change without notice

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## MACHINERIES

### STANDARD EQUIPMENT

Manipulators	Schilling 7F Orion 7P
	Schilling 4F Orion 4R
Pan & Tilt Camera	Bowtech Surveyor B8 Colour Zoom Camera
Low Light camera	Kongsberg OE15-100C High Definition Enhanced Low Light CCD Camera
Look Back Camera	Bowtech Surveyor B8 Colour Zoom Camera
Sonar	Tritech Super SeaKing DFP
Emergency Flasher	Seimac Novatech ST-400AR Xenon Beacon
Emergency Beacon	Seimac Novatech RF-700-AR Radio Beacon

### ADDITIONAL EQUIPMENT

CP equipment	Contact, proximity, gradient
UT Probe	Cygnus 3000
Profiler	Super SeaKing DFP Profiler
Bathymetric	Tritech SeaKing 700
Boom Arms	Hydrolek HLK-4600
Camera	2 x Kongsberg OE14-110
Torque Tool	Class 1-4 Torque Tool
Water Jet	0-500 bar high pressure
Pipetracker	Smartrak 3,6,9
Data Processor	Visual Soft Recorder

### TETHER MANAGEMENT SYSTEM

Type	Sub Atlantics Size 3B
Depth Rating	3000 m
Tether	300 m x Sub Atlantics 0083
Dimensions	2850 mm (L) x 1780 mm (W) x 3040 mm (H)

Weight In Air	1450 kg
Lighting	2 x 40 W LED Lamps
Cameras	1 x BowTech LCC 700

### CONTROL CABIN

Type	20ft A60 Container
Dimensions	6100 mm (L) x 2440 mm (W) x 2600 mm (H)
Weight	14000 kg
Incoming Supplies	1 x 440VAC, 3ph, 60Hz

### WORKSHOP CABIN

Type	20ft Container
Dimensions	6100 mm (L) x 2440 mm (W) x 2600 mm (H)
Weight	14000 kg

### LAUNCH AND RECOVERY SYSTEM

Type	Crane with Stand alone Winch
Working Condition	Up to including sea state 6
Max Line Pull	6250 kg top wrap
Speed	Variable up to 40 m per min
Weight	17500 kg

### FRAME (OPTIONAL)

Frame 01	
Dimensions	11110 mm (L) x 8075 mm (W) x 3570 mm (H) (2200M LEG)
Weight	14500 kg
Frame 02	
Dimensions	8520 mm (L) x 8000 mm (W) x 300 mm (H)
Weight	8500 kg

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