

Centurion QX

Work Class ROV

i-Tech⁷



The Centurion QX is an evolution of i-Tech's highly successful Centurion Work Class ROV series. Purpose built for deepwater drill rig and vessel support projects, the Centurion QX marries field proven design with updated propulsion and control system technology.

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PRODUCT OVERVIEW

Key elements include:

- 2,000m and 3,000m depth rating options
- 125hp or 200hp options
- 2,900kg in air weight
- 200kg payload
- 4 vectored horizontal and 3 vertical Curvetech thrusters
- Up to 6 cameras available with dual channel HD video and 3D video optional
- Station keeping option
- Top hat or Garage tether management system

Deeper Challenges, Wider Horizons

Specifications

DIMENSIONS & WEIGHTS

Length	2,500mm
Width	1,700mm
Height	1,700mm
Weight in Air	2,900kg
Through Frame Lift Capacity	2,000kg
Payload	200kg
Depth Rating	2,000msw or 3,000msw

PROPULSION SYSTEM

The vehicle is propelled by 4 vectored horizontal and 3 vertical Curvetech thrusters

Horse power options	125hp/93kW 200hp/150kW
Forward (200hp)	>800kgf
Vertical (200hp)	>425kgf
Lateral (200hp)	>800kgf
Thruster configuration:	Four horizontal vectored Three vertical

VIDEO SYSTEM

6 off SD cameras
Focus and zoom control
Dual HD and 3D video optional

CONTROL SENSORS

Auto heading	+/- 0.5°
Auto depth	+/- 0.01%
Auto altitude (optional)	+/- 0.025%
Station keeping option	

VEHICLE CONTROL SYSTEM

DVECS II - QNX based distributed network control

GYRO FOG SYSTEM

Standard	Tritech iGC/IFG
Optional	CDL TOGS or Oceantools FOG

INDICATION SENSORS

Heading	1.0°
Pitch & roll	1.0°
Water ingress	
Low oil alarm	
Hydraulic temperature	
Hydraulic pressure	
Line insulation monitoring	
Vehicle turns	

MANIPULATORS

Right-hand
- Conan 7P as standard
- T4 Optional
Left-hand
- Rigmaster 5F as standard
- Atlas 7R or Conan 7R as option

FIBRE OPTIC SYSTEM

Focal 903
6 SD cameras as standard
12x RS232 and 8 x RS485 data channels as standard
Ethernet option
Full fibre diagnostic capability
CWDM capability optional

SONAR

Tritech DST as standard
3D Blueview optional

TETHER MANAGEMENT SYSTEM (TMS)

Top-hat or garage
Optional powered TMS

TETHER CAPACITY

- Standard	400m
- Optional	600m or 1,000m

ELECTRICAL SUPPLY REQUIREMENTS

Control Cabin	230KVA @ 380-480VAC
LARS	150KVA @ 380-480VAC

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