

XLX EVO III

Ultra Heavy-Duty Work-Class ROV

The FET Perry® XLX EVO III represents the latest evolution in the highly successful Perry XLX series. Featuring significantly enhanced performance across the full range of demanding intervention and survey tasks without compromise to the outstanding reliability for which the XLX series of vehicles is renowned throughout the world.

The XLX EVO III has a new CNC machined frame with larger thrusters, increased payload & through frame lift as well as our latest control system "ICE Unity" facilitating Remote Operations with further updates to be released in the future. The system also incorporates an improved buoyancy package providing 500kg of payload.



Depth	3000 m 4000 m
Max. power	200 hp (150 kW)
Dimensions	(L/W/H) mm: 3600 1900 2200
Weight In Air	5500 kg
Payload	500 kg
Through Frame lift	4000 kg
Bollard Pull	1200 kg
Control System	ICE® Unity featuring: Remote operations - Real time transfer of control and data off site Streamlined controls and UI - common across all FET vehicles Historian - shows history of status of vehicle, machine learning identifies trends Chair or Console configuration



XLX EVO III

General Specifications

Depth: 3000 m / 4000 m
 Power: 200 hp (150 kW)
 Dimensions: (L/W/H) mm: 3600 / 1900 / 2200
 ROV Weight in Air: 5500 kg
 Frame SWL: 10000 kg
 Frame Guidelines: DNV, Lloyd's Register CLAME
 Payload Capacity: 500 kg Total (300 kg Fwd, 200 kg aft)
 Through Frame Lift: 4000 kg
 Fwd Upper Load Capacity: 300 kg at 500 mm
 Fwd Lower Load Capacity: 300 kg at 500 mm
 Aft Load Capacity: 500 kg at 500 mm
 Side Load Capacity: 250 kg at 250 mm
 Thrusters Horizontal: 4 x Ø420 mm
 Thrusters Vertical: 4 x Ø380 mm
 Forward Bollard Pull: 1200 kgf
 Lateral Bollard Pull: 1200 kgf
 Vertical Bollard Pull: 940 kgf

Hydraulic System

Main Hydraulic System: 320 L/min @ 240 bar
 Main Valve Pack Bidirectional 10-Station
 (12 L/min, proportional flow)
 Auxiliary Hydraulic System: 238 L/min @ 240 bar
 Aux. Valve Pack Bidirectional 10-Station
 (12 L/min, proportional flow)
 High Flow VP Bidirectional 2 or 4-Station
 (25, 75, 140 or 150 L/min)

Electrical System

Core Junction Box
 12 x SD Camera Ports (up to 4 HD upgradeable)
 6 x Light Ports
 12 x RS232 / RS485 Serial Channels
 4 x Gigabit Ethernet Ports
 Survey Junction Box
 8 x SD Camera Ports (Optional HD Upgrade)
 6 x Light Ports
 16 x RS232 / RS485 Serial Channels

Equipment Fit

Cameras: 8 SD Cameras (HD Camera Upgrade available –
 3 HD & 5 SD)
 Lights: 12 individual dimmable lights
 Pan & Tilts: 2 Hydraulic or Electric
 Sonar
 Heading, Pitch & Roll Sensor
 Depth Sensor
 Doppler Velocity Log
 7 Function Manipulator (master slave control)
 5 Function Grabber
 RF Beacon, Emergency Xenon Flasher

The above specifications are subject to final configuration.

Contact Us: Aberdeen: +44 (0) 1224 798660
 Houston: +1 713 351 7900
 Kirkbymoorside, York +44 (0) 1751 431751
 Brazil: +55 22 3737 0690

The specification details are illustrative and are for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.

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Surface Control

FET Advanced Control Chairs or Advanced Control Console
 ICE Unity Surface Control System
 4 x 43" HD 4K Monitors
 Black Magic Video Distribution
 Remote Operations
 VisualSoft DVR Unit
 Auto Functions
 Heading Control: ± 0.5°
 Pitch & Roll Control: ± 2.0°
 Depth Control: ±100 mm
 Altitude Control: ±100 mm
 Auto Position ±100 mm
 (Achievable with suitable sensor e.g. SPRINT-Nav 300)

Vans

20' x 8' A60 Control Van to DNV 2.7.1
 20' x 8' A60 Workshop Van to DNV 2.7.1

TMS System

Top Hat TMS:
 • Perry Type 5 up to 750m of Ø35mm / 1150m of Ø27mm Tether
 • Perry Type 6 up to 1000m of Ø35mm / 1500m of Ø27mm Tether

Handling System

FET Dynacon A-frame / Winch / EHPU