



Engineered For Safety



XDR ELECTRIC WORKOVER RIG PACKAGE

The Next Generation of Safe, Efficient, Zero-Emission Well Servicing

Re-defining European Workover Operations

XDR's new Electric Workover Rig Packages brings world-leading Australian engineering into the European market with a fully electric, road-legal, high-performance workover system designed for the next decade of safe, low-emission well servicing.

Built from the ground up for efficiency, safety, and regulatory compliance, this rig delivers the lifting power, rotary capability, and operational speed of a large diesel unit — without the emissions, noise, or maintenance burden.



1. Fully Electric Powertrain — High Performance, Zero Emissions

At the heart of the rig is a single 550kW electric motor, delivering smooth, controllable power through a high-efficiency VFD system. All major systems — including cooling, braking resistors, and climate-controlled AC units — are integrated directly into the rig chassis, eliminating the need for external power modules or auxiliary equipment.

Key Advantages

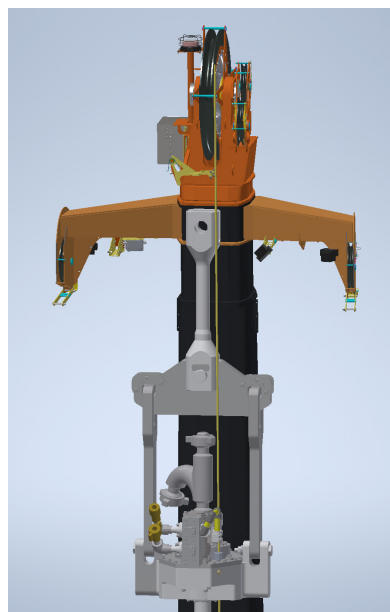
- 550 kW electric motor with high torque output
- VFD-controlled for precise, smooth operation
- Onboard braking resistors for controlled energy dissipation
- Low noise, low maintenance, zero diesel emissions
- Ideal for ESG-driven operators and urban/regulatory-sensitive fields
- Option to provide hybrid battery pack for regen power

2. Heavy-Duty Lifting & Drilling Capability

Despite its compact footprint, the rig delivers serious performance:

- 160,000 lb lifting capacity
- 12,500 ft-lb rotary torque using a power swivel
- High-speed tripping and controlled drilling capability
- Smooth, consistent torque delivery from the electric drive

This makes the rig suitable for a wide range of well servicing, workover, and light drilling applications.





3. European Road-Gauge Compliant — Go Anywhere

The rig has been engineered specifically to meet European road-gauge requirements, allowing unrestricted transport across EU member states without escorts or special permits.

Mobility Features

- Fully compliant with European road width and axle regulations
- Steerable tri-axle system for tight, congested well sites
- Compact transport profile with rapid setup and pack-up
- Ideal for mature fields, urban pads, and restricted-access locations

4. Advanced Safety Through Full PLC Control

The entire rig is controlled by a safety-rated PLC system with interlocks, logic checks, and automated protections to ensure safe operation under all conditions.

Safety Highlights

- Full PLC automation with interlocks
- Real-time monitoring of critical systems
- Controlled mast movements and safe-load logic
- Integrated diagnostics and fault reporting
- Reduced operator workload and human-error exposure
- Regulatory compliance
- Safety performance
- Long-term cost reduction

With its electric drive, advanced safety systems, European road compliance, and integrated tubular-handling package, it sets a new benchmark for modern well servicing.



5. Certified for Hazardous Environments

The rig is designed to operate safely in Zone 1 explosive atmospheres (5 m radius).

Explosion-Protection Features

- All electronics within the zone are IECEx or ATEX certified
- All sheaves manufactured from anti-static materials
- All cylinders earth-bonded to prevent static discharge
- Electrical and hydraulic systems designed for hazardous-area compliance

This ensures safe operation in gas-prone fields and meets stringent European regulatory requirements.

6. Operator-Focused Design — Cabin on the Drillers Platform

During setup, the control cabin mounts directly onto the drillers platform, giving the operator:

- Clear line-of-sight to well centre
- Direct access to controls and instrumentation
- A climate-controlled, low-noise working environment
- Improved ergonomics and reduced fatigue

This is a major upgrade over traditional hoists and truck-mounted units.

7. Range 3 Electric Catwalk — Complete Tubular Handling Solution

The rig is paired with a standalone Range 3 electric catwalk, engineered for high throughput and safe tubular handling.

Catwalk Features

- Electric motor driving a hydraulic pump — no rig power required
- Fully PLC-controlled actuation
- Handles Range 3 tubulars with precision
- Steerable twin-axle rear for tight-site maneuverability
- Fully compliant with European road transport regulations

This creates a complete, integrated, high-efficiency Plug And Abandon workover package.





8. Proven XDR Advantages Over Traditional Hoists

Drawing from XDR's field-proven technology base, the electric workover rig inherits the same operational advantages seen across the XDR fleet:

- Faster setup and pack-up
- Reduced manpower requirements
- Lower maintenance costs
- No guy lines required
- Remote diagnostics and onboard monitoring
- Safer, more controlled operations
- Higher uptime and lower NPT
- Increased well throughput per year

These benefits translate directly into lower operating cost per well and higher annual revenue per rig.

9. The Future of Workover Operations

The XDR Electric Workover Rig Package is more than a piece of equipment — it's a strategic investment in:

- Decarbonisation
- Operational efficiency
- Regulatory compliance
- Safety performance
- Long-term cost reduction

With its electric drive, advanced safety systems, European road compliance, and integrated tubular-handling package, it sets a new benchmark for modern well servicing.

Executive Summary

The XDR Electric Workover Rig Package delivers:

- Zero-emission electric power
- 160,000 lb lifting capacity
- 12,500 ft-lb rotary torque
- Zone 1 compliance with IECEx/ATEX components
- Steerable tri-axles for tight-site access
- Full PLC automation and interlocks
- Road-legal transport across Europe
- A standalone Range 3 electric catwalk
- Proven XDR reliability and reduced NPT

This is the next generation of safe, efficient, environmentally responsible well servicing — engineered for Europe, built for performance, and ready for the future.

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