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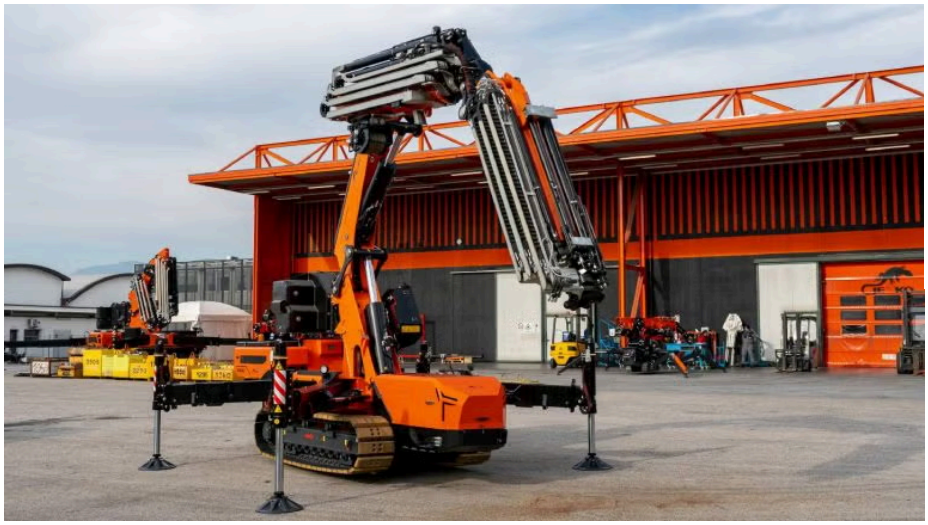
News

Jekko introduces lithium-battery version of JF545.2 crawler crane

The JF545.2 CL uses a 75.3kWh, 400V LFP battery designed to provide more than eight hours of operating autonomy.

Jangoulun Singsit November 23, 2026

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Jekko JF545.2 CL. Credit: Jekko s.r.l.

Jekko has expanded its range of fully electric lifting equipment with the launch of a lithium battery-powered version of its JF545.2 articulated crawler crane.

The new JF545.2 CL model is equipped with a 75.3kWh LFP lithium battery.

Jekko said it can provide more than eight hours of operating autonomy, while charging is available through 230V or 400V connections.

A CCS Combo 2 system can charge the battery from zero to 90% in two hours, and the crane can continue operating during charging.

The battery management system controls charging and monitors battery safety, while integrated systems manage the crane's high-voltage circuits, according to the company.

The CL version retains the lifting and access specifications of the diesel bi-energy model. It has a maximum lifting capacity of 15.5t, a maximum height of 32.5m, and a horizontal reach of 28.2m when fitted with its jib.

The crane is 1.84m wide and uses a crawler undercarriage and removable counterweight. Its variable-geometry outriggers can be adjusted to suit the available working area, while the articulated boom is designed to reach over obstacles and access lifting points below ground level.

Jekko said the electric version is intended for applications including industrial maintenance, the installation of machinery, construction work, and infrastructure projects.

Its battery power and lower noise levels may also support use inside buildings, in urban areas, in historic city centres, and during night-time operations where noise and emissions restrictions apply.

The JF545.2 CL forms part of Jekko's wider move to extend lithium-battery technology across its crane range.

The company said the new model brings that power system to higher-capacity articulated crawler crane applications.

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