

AUTOMOTIVE

NeoTek Drives Efficiency in High-Volume EV Assembly

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A leading global electric vehicle manufacturer faced the challenge of scaling production across increasingly complex assembly lines. They needed a partner that could support aggressive EV build targets with advanced tooling engineered for flexibility, operator ergonomics, and dependable quality—critical factors in meeting both immediate demand and long-term growth plans.

Cleco delivered with NeoTek, supplying a versatile mix of 30 and 50 series right-angle tools, specialized hold-and-drive systems, and retractable spindle models tailored to the plant's diverse joint and space constraints. This comprehensive solution empowered teams to handle everything from challenging underbody fastenings to intricate final trim operations, all while improving access in tight work zones and cutting overall cycle times.

Operators praised NeoTek's lightweight balance and reduced fatigue—critical factors on dense EV chassis lines that demand long hours of precision work. Meanwhile, plant engineering leads pointed to fewer unexpected stoppages, faster changeovers, and lower total maintenance hours compared to prior setups. By standardizing on Cleco, the manufacturer reinforced quality and consistency across multiple production lines, supporting both daily throughput targets and a confident ramp-up toward ambitious future volumes.

With NeoTek fully deployed, this EV manufacturer is not only achieving smoother day-to-day builds and maintaining rigorous quality standards, but also laying down a scalable, operator-friendly platform designed to support their aggressive plans for electric vehicle expansion.

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