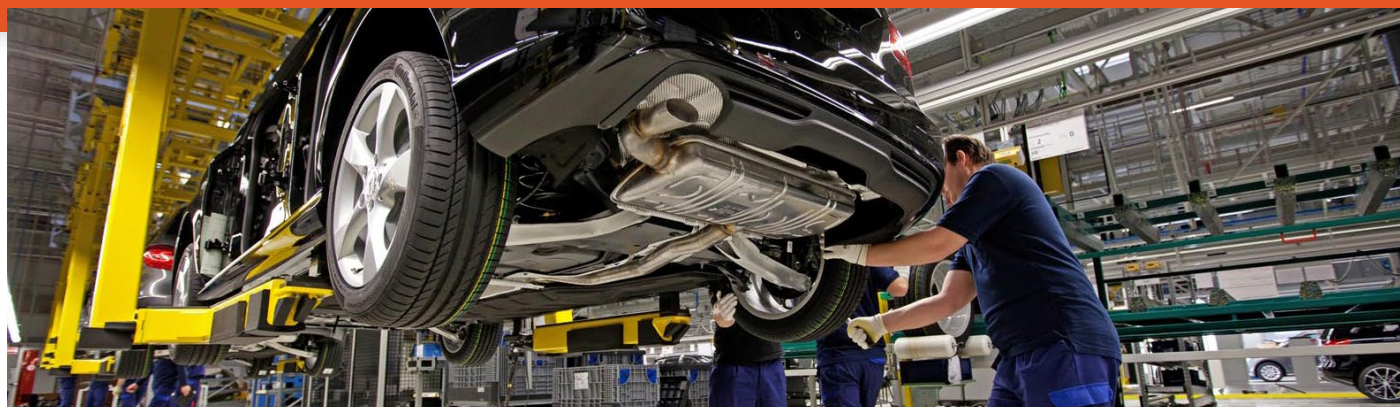


AUTOMOTIVE

Global Automotive Manufacturer Strengthens Quality and Confidence with CellClutch®

5 minute(s) to read



At a motor vehicle final assembly site in Hungary, a leading automotive OEM sought to improve repeatable tightening quality on a functional joint application. During the competitive testing evaluation phase, multiple tool brands failed to deliver the consistent accuracy required for rundowns —raising concerns around quality assurance and potential production risks in the assembly of its flagship vehicles. The plant needed a reliable clutch tool solution quickly, one that met strict torque accuracy requirements and could eventually scale across production lines in the plant, and beyond, to other global plants in the network.

Cleco's engineering, sales, and service teams responded swiftly to the needs of the OEM, supplying CellClutch tools for testing along with a tailored solution built around their unique plant requirements. Collaborating closely with the customer, Cleco developed a custom model that met the plant's required torque accuracy for functional joints. The solution offered excellent fastening precision, smart programmability, and an ergonomic design that reduced operator fatigue. After passing all internal qualification tests where other competitive tools fell short, the CellClutch tool was rapidly deployed on

the assembly line with strong operator feedback. The successful rollout has led to broader discussions about standardizing Cleco's platform across additional production lines and torque ranges, including safety-critical joint applications with tight tolerances. With high-torque models already qualified and the customer initiating trials for other CellClutch variants, the partnership continues to deepen. Cleco's speed, adaptability, and product reliability positioned the platform as a compelling global standard for world-class connected assembly tightening.

With Cleco's solution in place, the manufacturer is now equipped to expand deployment across global lines with confidence in the platform's precision, adaptability, and operator-driven performance.

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