

## TRAILER AXLE MANUFACTURING

# BTI Intelligent Spindles Deliver Precision and Reliability for Trailer Axle Production

5 minute(s) to read



A major European trailer axle manufacturer needed a more accurate and dependable tightening solution for its damping blade assembly — a safety-critical fastening step that demands consistent torque performance. Persistent variability and downtime from existing tools challenged production flow, prompting the engineering team to seek a solution they could trust to protect quality and maintain throughput.

Cleco collaborated closely with the engineering team to evaluate application needs and production goals. The plant deployed Cleco BTI Intelligent Spindles, gaining a high-precision, integration-ready system designed for demanding fastening environments. BTI provided exceptional torque accuracy and process control, ensuring consistency for the critical damping blade assembly. Its proven reliability minimized interruptions and supported smooth, continuous axle production. The Cleco team also delivered a tailored configuration — not a one-size-fits-all package — giving the customer exactly the flexibility and support their line required.

**With Cleco BTI Intelligent Spindles in place, the manufacturer improved fastening accuracy, strengthened process reliability, and achieved more predictable productivity across their axle assembly operations. The partnership reinforced Cleco's reputation for dependable, responsive collaboration — ensuring the line stays optimized long after installation.**

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