Carr Lane Manufacturing SHOT Show 2027 Press Release: Tool Designer's Assistant

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FOR IMMEDIATE RELEASE

Carr Lane Manufacturing Points SHOT Show 2027 Attendees to the AI-Powered Tool Designer's Assistant, Available Online at carrlane.com

Exhibiting at Booth 56125, Carr Lane introduces firearms manufacturers to a conversational engineering resource that answers workholding questions from Carr Lane's own catalog and technical references.

ST. LOUIS, MO, October 23, 2026: Carr Lane Manufacturing Co. will exhibit at SHOT Show 2027, January 19–22, at the Venetian Expo and Caesars Forum in Las Vegas, Booth 56125, and is directing attendees to the Tool Designer's Assistant (TDA), an AI-powered engineering resource available online at carrlane.com.

The TDA name dates to 1981, when Carr Lane released a 2D CAD library of standard tooling components. The new TDA applies artificial intelligence to the same goal: getting tool designers to the right part and specification faster.

Users ask questions in plain language. The TDA can size a hoist ring for a 5,000 lb lift and show the calculation behind the recommended Carr Lane part number, identify components that work together, and cross-reference other manufacturers' part numbers. Every answer is drawn from Carr Lane's catalog and engineering references.

For firearms manufacturers machining receivers, slides, frames, and barrels to tight tolerances, the TDA offers a faster path to fixturing components, from locating pins and drill bushings to KOSMEK power workholding, for which Carr Lane is the exclusive North American distributor.

The Tool Designer's Assistant made its public debut at IMTS 2026 in Chicago and is available now at carrlane.com.

About Carr Lane Manufacturing

Carr Lane Manufacturing Co. is a third-generation, family-owned manufacturer of precision tooling and workholding components, founded in 1952 in St. Louis, Missouri. The company offers more than 16,000 standard products, including jig and fixture components, Carr Lock modular fixturing, and Martin Trunnion Tables, and is the exclusive North American distributor of KOSMEK power workholding. Carr Lane serves aerospace, defense, automotive, and general manufacturing customers and publishes the *Jig & Fixture Handbook*, a reference text for tooling engineers. Learn more at carrlane.com.

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