

High-Speed 3D Laser Technology Improves Field Scanning Capabilities

Evans Metal Products adds Trimble 3D tech for faster, more accurate scanning in building construction, and industrial applications increasing accuracy of survey applications



Elkhart, Indiana Aug 23, 2022 ([Issuewire.com](https://www.issuewire.com)) - **Evans Metal Products, Inc.** today announced the addition of advanced, on-site scanning capabilities using **Trimble X7 3D** scanning technology and software on a wide range of portfolio projects throughout the Midwest. Company president **David Evans** explained, "We're now able to provide our customers with highly accurate, on-site measurements with practical application in building construction, facilities management, and industrial survey applications. All these are aided by **Trimble 3D** scanning technology." Founded in 1978, **Trimble's** technology solutions are used in over 150 countries with **Trimble** employees in more than 40 countries.

Evans continued, "After careful evaluation, we selected **Trimble's X7** technology because of its combination of simplicity of operation, breakthrough technology for reliable data collection, and constructable workflows focused on improving field productivity. The application possibilities for 3D scanning are nearly endless. For example, the interior of a very large venue can be scanned and rendered with incredible levels of detail. Recent scans have provided accuracy to the nearest eighth inch. This gives our firm the unique capability to reduce planning time and drive project costs lower for our clients.

Scanning Service Applications

Here are a few of the many applications **Evans Metal** is now offering clients.

- Floor flatness reports
- Accurate as-built data
- Scanning of walls, and ceilings before they are enclosed for as-built documentation.
- Collaborating with BIM models
- Deflection reports
- QA and QC scanning during construction
- Accurate dimensions with a line of site up to 80 meters (260')
- Serving architects, designers, engineers, plant managers, mechanical contractors, & construction

companies.

About Evans Metal Products, Inc.

Established in 1945 and located in Elkhart, IN, **Evans Metal Products** [designs and fabricates](#) a wide variety of metal products along with installation services for both commercial and residential clients. **Evans Metal** has provided structural steel for over 77 years fabricating a wide variety of structural steel components and also miscellaneous [fabrications such as ladders, rails, canopies, and stairs](#), including wrought iron and ornamental products. This work is completed entirely while working with designers, architects, and homeowners in materials such as iron, aluminum, stainless steel, and bronze for everything from “lawn art” to gates, rails, and more. The company also provides custom fabrication specializing in welding, cutting, shearing, bending, and finishing, offering their expertise and proficiency to meet a wide variety of fabricating needs. Other areas of specialization include [high precision plasma cutting services](#), weldments in steel, aluminum, and stainless steel including “**passivization**” of stainless steel parts, manufacture of repetitive parts, and products weighing less than 10,000 lbs in one lift. Pipe bending in multiple planes using a mandrel and non-mandrel bending machinery assures clients of accurate and repetitive parts. The company also offers circumferential as well as longitudinal finishing of stainless steel and aluminum. **Evans Metal Products** is an **AISC & AWS Certified Fabricator** and is a proud member of **NOMMA**. For details and career opportunities visit www.evansmetal.com.

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