Longhorn Reels Expands Custom Rack Fabrication for Data Center Infrastructure

December 16, 2025

Dallas, Texas - December 16, 2025 -
Longhorn Reels, a Texas-based manufacturer with over 46 years of experience in wire and cable handling solutions, has expanded its custom metal fabrication capabilities to serve the growing needs of AI data centers and chip manufacturers. The company now offers specialized rack systems designed specifically for the complex infrastructure requirements of modern data center operations.

The expansion addresses the increasing demand for precision-engineered storage and cable management solutions in data centers, where efficient organization and reliable equipment are critical for maintaining continuous operations. The company's rack fabrication systems utilize precision laser-cut parts and certified welding techniques to create customized solutions that meet the exact specifications of each facility.

"Data centers require extremely precise fabrication standards to ensure their infrastructure can handle the demands of AI computing and high-performance processing," said Yan, a spokesperson from Longhorn Reels. "Our team has developed specialized rack systems that not only meet these technical requirements but also provide the flexibility needed as data center technologies continue to evolve."

The custom rack systems join an extensive portfolio of wire and cable management solutions that includes compartment reels and stands, roller platforms, mobile reel systems, and turn tables. Each product is manufactured in one of the company's two Texas facilities, where 70 skilled staff members utilize advanced fabricating equipment to ensure consistent quality and repeatability.

Data centers face unique challenges in managing the vast networks of cables and wires that connect servers, storage systems, and networking equipment. The custom rack fabrication services address these challenges by providing tailored solutions that optimize space utilization while maintaining accessibility for maintenance and upgrades. The systems are engineered to support the weight and configuration requirements of modern data center equipment while facilitating proper airflow and cable routing.

The expansion into data center infrastructure represents a natural progression for the company, which has built its reputation on delivering reliable wire and cable handling solutions across various industries. The engineering team works directly with data center operators to design rack systems that integrate seamlessly with existing infrastructure while accommodating future expansion plans.

Beyond rack systems, the company continues to manufacture a comprehensive range of products, including light fixture carts, PVC storage racks, job boxes, wire pull boxes, and coiler and take-up systems. All products are made in the USA and designed to provide years of dependable service in demanding industrial environments.

Longhorn Reels maintains its commitment to quality through rigorous manufacturing standards and continuous investment in fabrication technology. The company's custom manufacturing capabilities enable it to address specific industry requirements, from standard wire management solutions to complex, engineered systems for specialized applications. With decades of manufacturing expertise and a focus on American-made quality, the company serves customers across multiple sectors requiring reliable cable and wire management solutions.

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Longhorn Reels

Longhorn reels uses precision laser cut parts and certified welding to build custom fabricated racks systems for data centers,compartment Reels and Stands, reel systems for wire, cable & hose, PVC Storage Rack & more.

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