

PierTech® Systems Manufacturing

A Commitment to Excellence in Helical Pier Solutions

PierTech® Systems (www.piertech.com) is recognized for its quality manufacturing of a comprehensive range of helical pile products and specialized installation equipment. From small-scale residential to heavy-duty industrial projects, their helical piers and anchors offer reliable performance in diverse construction applications.

Wide Range of Helical Piers and Anchors

The PierTech® product line includes helical piers, piles, and anchors, with shaft sizes ranging from 1.5 inches to 36 inches in diameter. This allows engineers to select the appropriate solution based on load requirements, soil conditions, and other project-specific needs. Additionally, PierTech® drive heads are engineered to torque capacities from 1,000 to an impressive 350,000 foot-pounds, accommodating everything from small residential projects to large commercial foundations.

High-Quality Manufacturing Standards

What sets PierTech® apart is its rigorous quality control processes that ensure all helical products meet or exceed industry standards. Each product undergoes strict manufacturing protocols to deliver consistent quality and durability. For example, all welding adheres to the latest AWS D1.1 standards, which are widely recognized for ensuring the structural integrity of all weld joints. This attention to detail translates into reliable, long-lasting helical piers, even in challenging environments.

PierTech® Systems also offers optional hot-dip galvanization for their helical piles. Compliant with ASTM A123/153 standards, this process provides additional corrosion resistance, ensuring longevity in harsh soil conditions. This option is particularly beneficial in environments with high moisture content, where long-term exposure can degrade untreated materials.

Superior Domestic Steel

All PierTech® products are made from the highest tensile and yield strength steel available on the market. This use of high-quality domestic steel ensures that their helical piers and piles can withstand significant stress loads and demanding conditions without compromising performance. As a result, contractors using PierTech® products can trust their ability to deliver consistent results.

Patented Cross Lock Connection®

One of the standout features of PierTech® Systems' helical products is their patented Cross Lock Connection®. This innovative connection method offers faster and safer installation, reducing the likelihood of downtime or injury during a project. It simplifies installation, reducing the time and labor required to secure each pier in place. The Cross Lock

Connection® also does not deform during installation like a typical bolted connection. This is critical for maintaining structural integrity in applications requiring high load-bearing capacity, such as multi-story buildings or infrastructure projects.

Customized Solutions for Every Project

Beyond standard products, PierTech® works closely with contractors to provide customized helical piercing solutions tailored to the unique requirements of each project. This flexibility makes PierTech® a preferred partner for engineers and contractors working in diverse industries such as transmission and distribution, commercial real estate, oil and gas, and infrastructure development.

Whether you need helical piers for foundation stabilization, underpinning, or new construction, PierTech® Systems delivers durable, high-quality products that meet the highest standards of performance.

On-Time Delivery and Reliable Service

PierTech® not only focuses on product quality but also emphasizes reliable logistics and customer service. Products are carefully loaded and shipped to ensure timely delivery to job sites or facilities. Contractors can trust PierTech® to meet project deadlines, helping to keep their construction timelines on track.

Conclusion

PierTech® Systems' manufacturing excellence, combined with innovative design features like the Cross Lock Connection®, sets them apart as a leader in the helical pier industry. With a commitment to high-strength domestic steel, AWS-certified welding, and optional galvanization to ASTM standards, PierTech® ensures long-lasting, reliable solutions for foundation and anchoring challenges. From small residential projects to large industrial applications, PierTech® provides contractors with the tools and equipment they need to achieve success.

For more information:

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