# Hogge Precision Parts Delivers Precision Machining for the Medical Industry

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Hogge Precision Parts Co., Inc. announces enhanced capabilities in precision machined components for the medical and healthcare sectors, serving manufacturers of surgical instruments, diagnostic equipment, and critical medical devices. The company's ISO 9001:2015 registered facility combines advanced CNC technology with decades of expertise to meet the exacting standards required by medical device manufacturers.

With over 37 years of experience in precision manufacturing, Hogge Precision has expanded its focus on medical applications where tight tolerances and exceptional accuracy are non-negotiable requirements. The company produces a diverse range of medical components, including parts for surgical instruments, insulin delivery systems, medical gas supply and delivery components, orthopedic hardware, and diagnostic equipment. Each component undergoes rigorous quality control processes to ensure compliance with medical industry specifications.

The medical device manufacturing sector demands precision at the micrometer level, particularly for components used in life-critical applications. Hogge Precision addresses these requirements through multiple

CNC machining processes, including CNC milling, CNC turning, Swiss machining, and precision screw machining. The company's equipment capabilities enable production of complex geometries and intricate features essential for modern medical devices while maintaining consistency across both prototype and high-volume production runs.

"The healthcare industry cannot afford compromises in component quality or precision," said Danny Hogge Jr, President of Hogge Precision. "Our team understands that the parts we manufacture often become integral to devices that directly impact patient outcomes. This responsibility drives our commitment to excellence in every component we produce."

Medical device manufacturers face increasing pressure to reduce time-to-market while maintaining stringent quality standards. Hogge Precision's automated CNC processes enable rapid turnaround times without sacrificing accuracy, a critical advantage for companies developing next-generation medical technologies. The facility's quality metrics reflect this commitment, with a 99.8 percent compliance rate for quality requirements and a 95.8 percent on-time delivery performance.

The versatility of Hogge Precision's medical machining extends beyond surgical and diagnostic applications. The company manufactures components for medical gas delivery systems found in hospital rooms and utility areas, precision fittings for life support equipment, and specialized hardware for orthopedic procedures, including bone screw installation tools and surgical plates. Each application requires unique material specifications and surface finish requirements, challenges the company's experienced machinists routinely address.

Material selection represents another critical factor in medical component manufacturing. Hogge Precision works with a wide range of materials, including medical-grade stainless steels, titanium alloys, aluminum, copper, and specialized plastics approved for healthcare applications. The company's machining centers accommodate the unique properties of these materials, from the corrosion resistance required in implantable components to the biocompatibility standards essential for devices that contact bodily fluids or tissues.

Surface finish quality directly impacts the performance and safety of medical components. Instruments and devices require smooth, burr-free surfaces to prevent tissue damage during procedures and to facilitate proper sterilization. Hogge Precision's CNC capabilities deliver superior surface finishes across various texture requirements, eliminating the need for extensive secondary operations while reducing production costs and lead times.

The company's approach to medical manufacturing emphasizes waste reduction and cost efficiency without compromising quality standards. Precision programming and optimized toolpaths minimize material waste during machining operations, an important consideration given the premium cost of medical-grade materials.

This efficiency translates to cost-effective solutions whether producing small prototype batches for device testing or high-volume production runs for established medical products.

Hogge Precision maintains its competitive advantage through continuous investment in both technology and human expertise. The facility houses state-of-the-art CNC machining centers operated by skilled machinists who understand the unique demands of medical component manufacturing. This combination of advanced equipment and experienced personnel enables the company to tackle complex projects that require both technical precision and manufacturing insight.

As the healthcare industry continues advancing with new technologies and treatment modalities, the demand for precision-manufactured components grows correspondingly. Medical device companies require manufacturing partners capable of translating innovative designs into reliable, high-quality components that meet regulatory standards and performance expectations. Hogge Precision positions itself to serve this evolving market through its established quality systems and proven track record in precision manufacturing.

The company serves medical device manufacturers throughout the United States and internationally, supporting projects from initial prototype development through full-scale production. This comprehensive service approach allows medical companies to work with a single manufacturing partner across the entire product lifecycle, streamlining communication and ensuring consistency in component quality.

For more information about Hogge Precision's medical machining capabilities and services, visit their website.

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For more information about Hogge Precision Parts Co, Inc., contact the company here:Hogge Precision Parts Co, Inc.Danny Hogge Jr.843-332-3566info@hoggeprecision.com3046 North Center RoadHartsville, SC 29550

**Hogge Precision Parts Co, Inc.**

*Hogge Precision Parts Co., Inc. is a premier contract manufacturer delivering high-quality products at competitive prices using advanced CNC and screw machining equipment.*

Website: https://www.hoggeprecision.com/

Email: info@hoggeprecision.com

Phone: 843-332-3566