

Implants and Instrumentation

Phillips Precision Medicraft is a leading manufacturer of advanced orthopedic implants, instrumentation, and delivery systems. With highly sophisticated manufacturing technology, outstanding personnel, and an exceptional level of customer service, we are consistently able to meet the rigorous demands of the global orthopedic marketplace. Our expertise is yours.

Since our earliest days, companies like Zimmer Spine, Biomet, DJO, Stryker, Orthofix, and many others have called on us to tackle the complex demands of their multilevel assemblies and implants. For more than four decades, we have produced a wide array of products, each one an expression of our commitment to quality and craftsmanship. By seamlessly integrating traditional LEAN manufacturing practices with our own unique brand of DFM (design for manufacturability), we ensure all quality standards and manufacturing goals are addressed.

Ours is a challenging and rewarding business, and we fully appreciate how much the work we do affects people's lives. It is an honor to be trusted by so many companies to do such important work.



Quality Control Meeting Standards and Exceeding Expectations Through People and Technology



Phillips Precision Medicraft meets the most stringent industry standards for quality control. The reliability and success of our metrology are driven by both our talented staff and by maintaining the most advanced equipment. We listen to our customers' needs and make a very dedicated effort to invest in those needs every day. By managing a steady growth in personnel, technology, and advanced equipment, we are able to consistently deal with the complex geometry inspection throughout the manufacturing process. It's how PPM has maintained its position as the supply chain partner choice for many of the world's largest OEMs.





Design and Engineering

This is where your design objectives become manufacturing realities. PPM has a reputation for employing the most thorough DFM (design for manufacturability) processing in the industry. Our discussions may include material selection, dimensioning and tolerancing, inspection procedures, and component function to assure optimal product performance at lowest cost.

Our DFM processing hinges upon two distinct advantages. First, each and every engineer has actual hands-on machining experience. This means they have an intimate knowledge of the precise abilities and capabilities of every machine in-house, giving them the expertise necessary to create fully custom solutions for each product request. Second, our staff has the benefit of producing a very broad range of products across all orthopedic product lines every day. There isn't much we haven't seen and solved.

Simply stated, DFM utilization allows us to uncover and address manufacturing problems in advance and propose innovative solutions to produce consistently reliable, repeatable, quality products, and foster customer relationships that result in greater ROI from concept to completion.



Certifications

Our fully certified ISO 13485 and ISO 9001 facility is capable of providing customers with Dynamic Control Plans, PFMEA Data, First Article Inspection, Device History Records, Process Validation, Statistical Process Control — these additional services are available as part of our project partnership with you.



PPM Inventory Management Solutions

Our **Vendor Managed Inventory Service** provides our customers with the ability to purchase larger quantities of product over a longer period of time. These programs vary based on product type and customer demand.

PPM now has the opportunity to optimize complex machining operations by producing all the product within the VMI orders at one time. This reduces costly setups and inspection resulting in lower pricing and available inventory for unexpected demand.

Electronic Project Management (EPM) Providing Real Time Responsiveness

Our unique Electronic Project Management system (EPM) really sets Phillips Precision Medicraft apart. Taking instructions and input from our planners, engineers, and floor personnel, this highly sophisticated system optimizes our entire operation. It coordinates all manufacturing resources and the thousands of processes required for the simultaneous design and manufacture of hundreds of parts. Using our EPM, we always know exactly what is happening at every point throughout the manufacturing process. We can re-prioritize jobs and re-allocate resources as needed to meet our client's delivery requirements. Post-production, EPM can tell us exactly how and when each part was manufactured, the client's design,

fixturing and programming parameters, material certifications, the finishing, and the "digital fingerprints" of the people who had a hand in producing the part.



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