

Equipment List

CNC Machining Centers

Hurco 30 VMC

Hurco 20 V MC

CNC Lathe

Bridgeport EZPATH-S

EDM

Brothers HS-50A 5 Axis

Surface Grinder

Okamoto 6 x 18 DX Automatic Grinder

Manual Equipment

Hardinge Tool Room Lathe Wilton 2402 Drill Press with Tapping Bridgeport Mill with EZPATH Control Bridgeport Mill with Proto Trak Control Scotchman Chop Saw DoAll Contour Saw FMB Horizontal Saw Jet Table Saw

Misc. Equipment

Precise High Speed Head (56000 RPM) Yuasa EUTRT Tilting Rotary Table Morgan Press Injection Mold Vacuum Plate Fixturing Glass Bearer Raytech Tumbler Tennsmith Notcher Arbor Press

Inspection Equipment

Gauge Pins Gauge Blocks Calipers Surface Plate Micrometers Height Gauge Nikon Shadow Graph

Software

SolidWorks 2008

GibbsCAM Version 8.7.15

Predator DNC

Montec Inc. was started in June of 2006 by Frank and Lorena Montefusco and is a woman-owned company.

Frank started his career in 1984 for a company in New Hampshire building airfoils and impellers for turbine engines. In 1996, Frank and Lorena relocated to North Carolina. Frank worked at a local job shop until 1998 when he was hired by a major pharmaceutical company in RTP. When the company decided to discontinue its worldwide division, Frank and Lorena purchased the division and started Montec Inc.

Having worked for over a decade in the pharmaceutical industry, Montec understands the importance of delivering your project in a timely manner with attention to quality and cost. We are available to review your project's requirements and partner with you to achieve your goals.



5241 Raynor Road
Garner, NC 27529
Phone: 919.773.2358
Fax: 919.773.2357
info@montec-inc.com
www.montec-inc.com



Prototyping

Short & Long Run Machining

Design

Project Management

From Art to Part

Vcard

Scan to
import contact
information

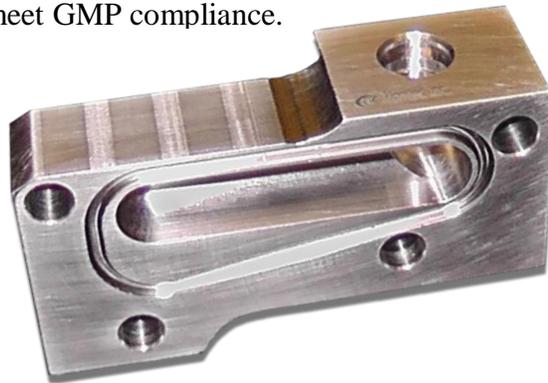


Design Computer-Aided Engineering

Montec uses SolidWorks CAD to create 3D solid models based upon our client's requirements. This virtual prototyping allows for simulation, evaluation, and rapid refinement of the design concept before fabrication of components. Designs are reviewed with the client before continuing with the prototype development and/or manufacturing process. We especially value close collaborations and feedback with our clients during this phase. For larger and more complex or automated project we have a network of experienced mechanical, electrical, and process engineers that are at our disposal. SolidWorks can directly read, import, and export most file formats such as dxf, dwg, iges, step, parasolids, ProE files, Inventor and Catia.

Project Management

Most of our clients are busy managing large projects specific to their companies needs. Within those large projects there are usually numerous small projects that need special attention. Montec will manage your smaller projects from initial concept to finished product. Working as a partner with your company and your company's vendors, Montec will use the proper **resources** to achieve your desired goals and time lines. **Engineering services, third party manufacturing, material and process selection, documentation, testing, process automation, can all be managed by Montec and/or our extensive network of reliable resources.** Having our beginnings in the pharmaceutical industry, Montec knows the importance of completing projects in a timely manner with attention to quality and supplying all required documentation to meet GMP compliance.



Prototyping Short and Long Run Machining Contract Manufacturing

Montec uses GibbsCAM to directly read or import CAD files for machining. Designs are processed to generate program code then downloaded for fabrication. This allows a rapid progression from "art to part" and expedites the design cycle. Electronic files are archived for potential modifications or replication of parts and assemblies at a future date. Montec can process your files directly without the use of prints. This eliminates any second guessing of final part interpretation. Montec has two full seats of GibbsCAM which allows us to machine 3D surfaces. Our GibbsCAM EDM package also allows our customers to design special features that could not normally be machined with conventional machining.