

# MACHINING CAPABILITIES

## PROCESSES

CNC Milling

CNC Turning

CNC Router  
Cutting

Manual  
Machining

Prototyping

Pressure  
Testing

Impregnation

Kitting

Assembly

Paint  
and Powder

Vulcan GMS is a custom manufacturing company that offers many different capabilities for your contract manufacturing needs. Vulcan GMS is ISO registered to 9001:2008 and in 1999 we became the first business of our kind to attain ISO certification. Vulcan offers multiple manufacturing techniques so we can frequently offer more than one solution to meet your needs. We can also help you with each step of your product needs including: initial design, development, manufacturing, assembly and kitting. Contact Vulcan GMS to discuss your specific requirements and what we can do to help you achieve your goals.

Vulcan GMS has multiple machines that allow us to find the best solution for your product needs. Vulcan has 3 and 4 axis capabilities which allows us to machine many complex shapes and offer many capabilities from a 5 axis machine without the associated costs of a dedicated 5 axis machine.

### VERTICAL CNC MACHINING

- 1 Bridgeport
- 3 Milltronix
- 2 Haas
- 1 Agma 84
- 1 Yama Seiki
- Size capabilities up to 50"x26"x25"



CNC Vertical Milling

### HORIZONTAL CNC MACHINING

- 1 Hitachi Seiki
- Okuma MA-800 HB
- Size capabilities up to 50" x 45" x 45"

### CNC TURNING (LATHE)

- 1 YMC
- 1 Bridgeport Power Path
- 1 Bridgeport EZ Path
- 1 YMA Seiki
- Size capabilities up to 18.5" OD x 40" long



CNC Turning (Lathe)

## MATERIALS SUPPLIED

Aluminum

Brass

Mild Steel

Stainless Steel

Copper

Tungsten

Molybdenum

Lead

Plastics

Tin

Bismuth

And more...

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Manual Machining

Prototyping

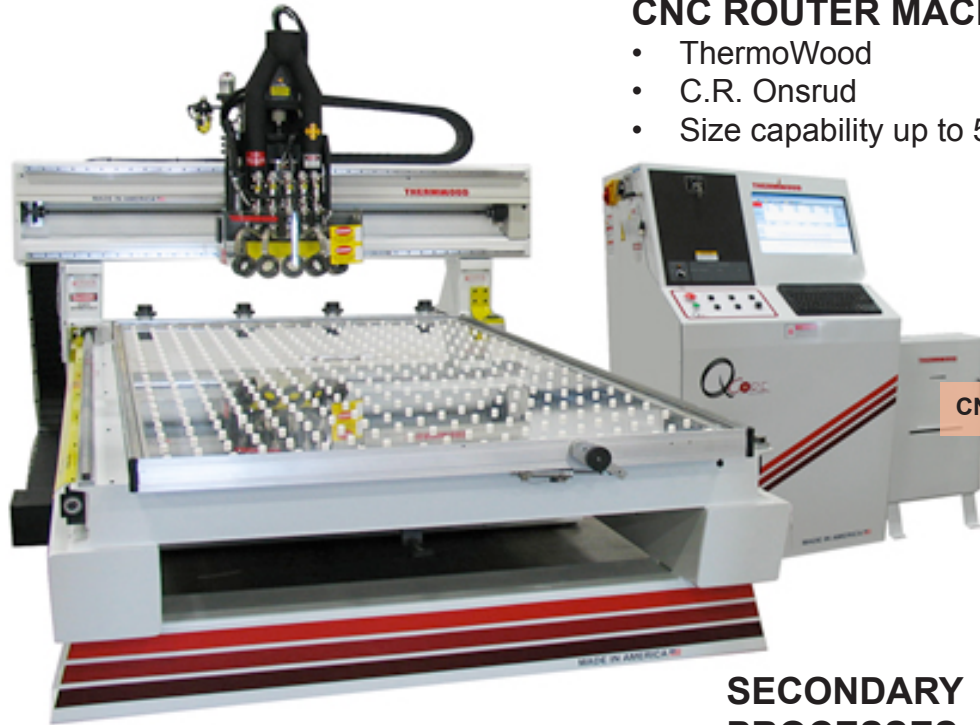
Pressure Testing

Impregnation

Kitting

Assembly

Paint and Powder



CNC Router

## CNC ROUTER MACHINING

- ThermoWood
- C.R. Onsrud
- Size capability up to 5' x 8"

## QUALITY/INSPECTION

- 5 CMMs

## MANUAL MACHINING

- 4 Manual Milling Machines
- 3 Manual Lathes

## SECONDARY PROCESSES

- Insert Installation
- Pressure Testing
- Assembly & Kitting
- Impregnation
- Plating
- Paint & Powder Coating



Lead Machined Parts



Machined Aluminum X-Ray Housing



Machined Parts: Aluminum, Brass, Steel, Copper, Tungsten, Molybdenum