



# SC Machining & Manufacturing LLC

503 E Fond du Lac Street – Ripon, WI 54971

PHONE: (920)903-5652

ISO 9001:2015 Registered - Climatized Manufacturing Area

Minority-and Women-Owned Business (MWOB)

## Systemic Items and Current Facility Capabilities:

Full ERP System (JobBoss)  
Full CAM System  
Visual Management Items  
(Shop board and dashboards – a must see!)

Dual Spindle, Live Tooling Lathe, Capable of 3-Dimensional Milling

2 High HP (Low gear included) Chucker Lathes with Programmable Tailstock

3 Vertical Mills with true 4 axis milling capability (5<sup>th</sup> axis ready) – (Including slightly larger envelope than 40x20)

2 60k RPM CNC Router/ Engraver Systems

Established supply chain for outside services, including paint, grind, heat treat, hob, edm, and more!

*All equipment is 2018 or newer*

## Round Parts (Turning):

10" Diameter turning – Up to 12" diameter turning depending on stock or part configuration

3" Diameter or less can be turned up to 21" length  
Max length of 52" draw tube. Up to 3" bar feed thru

Anything that can be turned can be milled. The exception being "end work" depending on the part length and clearances.

(Where it would need to stand upright)

## Square, Rectangle, or Contoured, Profiled, or Weldment Parts (Milling):

Full Profile Milling or Part Capture: 48" X 18" X 16" box Modified Blanks or Conditions allowing part Shift (Thin rails etc.): 52-60" X 12" X 12"

There are some conditions that do not allow the full box. These items are on a case by case. Sometimes there is no tool clearance or not enough room to hold the part consistently etc.

## Testing/Inspection (Primary Highlights):

Gage Blocks (2 x 90pc sets) – Inspection/T&D grade  
0"-12" Micrometers  
6, 8, 12, 24" Calipers  
24" and 36" Height Stands

1x2x3 Blocks

2x4x6 Blocks

4" V Blocks

6" V Blocks

10" V Blocks

Access to NDT and DT 3<sup>rd</sup> Party ISO:17025 Lab Testing and Certifications

Access to CMM and 3<sup>rd</sup> Party ISO:17025 Lab Certifications  
Sciencescope Optical Comparator System

Protractors

Profilometers

Depth Micrometer Set (0-6")

Gage Pins - .062-1.0" +

Gage Pins - .062-1.0" –

.0001 Graduation Dial Indicators

.001 Graduation Dial Indicators

.0001 Graduation Dial Bore Gage Kits

.0005 Graduation Dial Bore Gage Kits

Various Imperial Thread Plug Gages and Rings (Go-NoGo)

Various Metric Thread Plug Gages and Rings (Go-NoGo)

Sine Plate/Bar

Tube Mics

Bore Mics

ID Groove Interapid Gages

Feeler Gages

Thread Pitch Micrometers (0-3)

Blade Micrometers (0-4)

Assorted Indicators, Stands, Accessories, and more.

All Master Items are Calibrated annually by a certified third-party certified lab.

All Items are re-verified and recorded on a 3-, 6-, and 12-month basis, respectively. Per our ISO9000/1:2015 QMS and AIAG Standard.

Comprised of Mitutoyo, Starrett, Fowler, Brown & Sharpe, and Tesa.