



**INDUSTRIAL METAL FABRICATION
CNC MACHINING, LASER CUTTING
POWDER COATING**

4930 North Blackstock Road
Spartanburg, S.C. 29303
(864) 574-3533
www.comfab.com

- Striving to provide our customers with ideas and solutions to meet their individual needs. Our greatest strength is doing our best to make your job easier by providing you with more than just the products that you need but also providing you the best possible service on your project from beginning to end.
- If you need help with a project and are not sure of the best approach or possible options to find the best solution, give us a call.
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Facilities & Support Systems

Fabrication Shop – 35,000 Sq. Ft.
Machine Shop (CNC) – 12,500 Sq. Ft.
Powder Coat Shop – 12,500 Sq. Ft.
Assembly/Sub-Assembly
Welding (Manual & Robotic)
ASME/AWS Certified Welders
Overhead Bridge Cranes (7-1/2 Tons)
SolidWorks & AutoCAD
Pickup & Deliver Available
(Flatbed & Box Trucks)



METAL FABRICATION

Bending & Forming

| <u>Item</u> | <u>Manufacturer</u> | <u>Capacity</u> |
|--------------------|----------------------|-------------------------|
| • CNC Press Brake | Cincinnati 350 Ton | 10 ft – 1/2" Mild Steel |
| • CNC Press Brake | Trumpf V-65 | 82" – 3/16" Mild Steel |
| • CNC Press Brake | Cincinnati 135 Ton | 10 ft – 1/4" Mild Steel |
| • Slip Roll | Jet | 16 Gauge |
| • Plate Rolls | Amercon | 5 ft – 1/4" Thick |
| • Plate Rolls | Wysong | 4 ft – 14 Gauge |
| • Angle Rolls | WDM Hydraulic | 1/2" x 5 ft Mild Steel |
| | 4 Roll Pinch Pyramid | |
| • Misc. Rolls | Various | 14 Gauge & Lighter |
| • Robot Welder | Lincoln Cooper | 60" x 32" x 67" |
| | Cobot R450 | 48" Reach |
| • PEM Insertion | PEMSERTER Series 4 | 6 Tons – 18" Throat |
| • Wide Belt Sander | EZ Sander | 36" Wide Belt |

Saws, Shears & Pipe

| <u>Item</u> | <u>Manufacturer</u> | <u>Capacity</u> |
|----------------------------|---------------------|--------------------|
| • Self-Feed Miter Band Saw | Amada HKA-400 | 18" x 8' |
| • Miter Band Saw | Amada HKA-400 | 18" x 8' |
| • Upright Band Saws | Do-All | 6" Height |
| • Shear | Summit | 10 ft – 1/4" Thick |
| • Iron Worker | Pirannha | 55 Ton |
| • Pipe/Tube Bender | Ercolina | 2" Dia. Max Pipe |
| • Tube Notcher | Mittler Bros. | 2" Dia. Max Pipe |

Lasers

| <u>Item</u> | <u>Manufacturer</u> | <u>Capacity</u> |
|----------------------|---------------------|------------------------------------------------------------------------------|
| • Optiplex NEO Laser | Mazak | 5' x 10' Table – 10kW 1" Carbon Steel 1" Stainless 1" Aluminum |
| • 3D – 5 Axis Laser | Mazak | 5' x 10' Table – 4kW 3/4" Carbon Steel 3/8" Stainless 1/4" Aluminum |

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MACHINING

Machining Centers

| <u>Item</u> | <u>Manufacturer</u> | <u>Capacity</u> |
|-----------------------------|---------------------------------------|------------------------|
| • Bridge Vert. Mach. Center | Toyoda CAT 50 | X=120"; Y=47"; Z=31" |
| • Bridge Vert. Mach. Center | Toyoda CAT 50 | X=80"; Y=61"; Z=31" |
| • Vertical Mach. Center | Toyoda CAT 50 (2) | X=57"; Y=26"; Z=26" |
| • Vertical Mach. Center | Doosan MV6030/50 w/ Rotary Table | X=60"; Y=30"; Z=30" |
| • Vertical Mach. Center | Stealth CAT 40 | X=51"; Y=26"; Z=26" |
| • Vertical Mach. Center | Wele CAT 40 | X=40"; Y=24"; Z=25" |
| • Vertical Mach. Center | Toyoda CAT 40 | X=59"; Y=26"; Z=26" |
| • Vertical Mach. Center | Doosan CAT 40 | X=50"; Y=24"; Z=28" |
| • Horizontal Mach. Center | Okuma CAT 50 5-axis w/ Table Index | X=64"; Y=50"; Z=28" |
| • CNC Tool Room Mill | Pro-Trak | X=30"; Y=15.5"; Z=15" |
| • CNC Tool Room Mill | Bridgeport EZ Trak | 29" x 12" |

Turning Centers

| <u>Item</u> | <u>Manufacturer</u> | <u>Capacity</u> |
|-----------------------|----------------------------|-------------------------------------------|
| • CNC Turning Center | Doosan | 14.87" Swing – 48" Lg |
| • CNC Turning Center | Daewoo/Puma | 15" Swing – 21" Lg 3" thru Spindle |
| • CNC Turning Center | Chevalier | 15" Swing – 52" Lg 2-1/4" thru Spindle |
| • CNC Turning Center | Ikegai | 18" Swing – 40" Lg 3" thru Spindle |
| • Turning Center | Johnford ST40 | 31" Swing – 31" Lg 4-1/2" thru Spindle |
| • CNC Tool Room Lathe | Pro-Trak | 18" Swing – 45" Lg |
| • Linear Height Gauge | Mitutoyo LH-600E | 0"-38" / 0-972mm |
| • Keyseater | Morrison Model K | 1-1/4" Cap. |

POWDER COATING

- Powder Coat Spray – Door Opening 12 ft. x 10 ft. – Overall Length 25 ft.
- Powder Coat Oven – Door Opening 10 ft. x 10 ft. – Overall Length 30 ft.
Dual Zone Oven which can be split into 2 smaller ovens with an Overall Length of approx. 15 ft. each
- Wash Down Bay for prep/cleaning before Powder Coat applied
- *Offsite sandblasting can be provided for an additional charge*

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