



**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	Cincinnati 90 Ton (5-Axis)	8 ft – 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
• Programable Plate Rolls	Davi MCE e-Power	Pre-bend 3/8" @ 8 ft
	4 Roll	Mild Steel w/ 24" ID
• 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 PRINTING

- Stratasys F370CR 355 x 254 x 355 mm (14 x 10 x 14 in.)
Materials: ABS-M30, ASA, FDM TPU 92A, ABS-CF10, PC-ABS, Diran 410MF07, ABS-ESD7, FDM Nylon

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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=60"; Z= 30"
• 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"

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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**INDUSTRIAL METAL FABRICATION
POWDER COATING · CNC MACHINING
LASER CUTTING · 3D PRINTING**

**Comfab is Excited to
Announce the Addition of a
Stratasys F370CR
Industrial 3D Printer
to Our Manufacturing
Capabilities**

We can now provide:

- Rapid prototypes
- Carbon fiber-reinforced parts
- Manufacturing fixtures and tooling
- Replacement & Obsolete Parts
- Low-volume production components
- Custom engineering solutions

If you have a project that could benefit from industrial 3D printing, we'd be happy to discuss your requirements and provide a quote.



**Sample Part Print*

F370CR Composite Printer



Build Tray Dimensions

355 x 254 x 355 mm (14 x 10 x 14 in.)

The F370®CR is a composite-ready 3D printer capable of printing engineering thermoplastics and composite carbon-filled materials.

Materials: ABS-M30, ASA, FDM TPU 92A, ABS-CF10, PC-ABS, Diran 410MF07, ABS-ESD7, FDM Nylon

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