

# Russel Metals

## Processing

1-877-244-7500

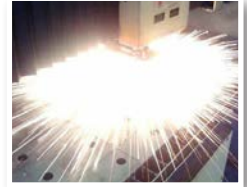


### 8KW FIBER LASER

- Mild steel up to 1"
- Stainless steel up to 1" thick
- Aluminum up to 1" thick
- Copper and brass up to 3/8"
- Holes in material much smaller than the material thickness
- Improved cut quality across a broader range of materials

### 6kW FIBER LASER

- Max table size 8' x 20'
- Mild steel up to 1"
- Stainless steel up to 1"
- Aluminum up to 1"



### 6 AXIS LASER CUTTING OF STRUCTURAL

- |                    |        |                              |
|--------------------|--------|------------------------------|
| ▪ Max Size:        | Round  | Must fit inside 12" diameter |
|                    | Square | 10" x 10"                    |
| ▪ Min Size:        | Round  | 1" diameter                  |
|                    | Square | 1" x 1"                      |
| ▪ Max Weight:      |        | 850 pounds                   |
| ▪ Max Length:      |        | Up to 27 ft.                 |
| ▪ Max Bevel Angle: |        | Up to 45 degrees             |
| ▪ Mild Steel:      |        | Up to 1/2" wall              |
| ▪ Stainless Steel: |        | Up to 3/8" wall              |
| ▪ Aluminum:        |        | Up to 1/4" wall              |

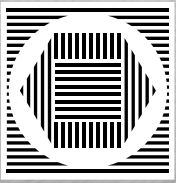
### FICEP HD36 MULTI PROCESS PLASMA / OXY / DRILL SYSTEM

- Combination high speed spindle and plasma / Oxy Machine
- 2-24 Capacity Tool Changers
- Drilling to 1 1/2 Diameter
- Cuts up to 5" plate
- 12' x 60' Cutting area
- Two HPR400XD Plasma Heads
- Two Oxy Fuel torches
- Contour beveling
- Milling, drilling, boring, tapping, counter sinking



[www.russelmetals.com](http://www.russelmetals.com)

Russel Metals Processing  
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### CNC SAW CUTTING

- Bundle cutting capabilities
- Automated handling and cutting systems
- Beams, angles, channels, HSS, pipe, bars etc.

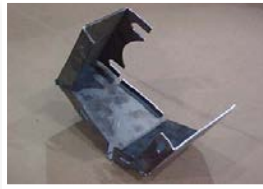
### CNC MACHINING

- 16 x 48 table size



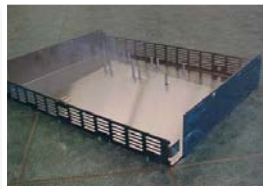
### CNC FORMING

- Max Size:  
Tonnage 385 tons  
Length 16 ft. overall  
13.6 ft. between posts
- Material thickness Max 1/2"
- Max length will vary depending on thickness
- Sectional tooling ensure efficient set up times & diversity



### CNC PUNCH

- Max Size:  
Width 48"  
Length 144"  
Thickness 10 gauge
- Brush Table for high aesthetic parts
- Multiple forming tools for extra versatility



### ROLLING

- Sizes of Rollers: 8" x 8 ft. long  
10" x 10 ft. long
- Max Material: 1/2"
- Max length will vary depending on thickness



### PRODUCTION SUBASSEMBLY

- Manual weld stations with capabilities for multiple applications
- Mig/Tig/Stick/Flux Core
- CWB/AWS Certified
- Capabilities for Mild Steel, Stainless, Aluminum

### WHO WE ARE

One of North America's largest Steel Service Centers and Processing Centers. With facilities located throughout North America, and an extensive supply network both domestically and internationally, we are determined to provide you the products you need, in the time frame required. All with the service & value you expect from Russel Metals.

### WHAT WE DO

The services we provide include cutting, forming, shaping, and welding of sheet metal and structural components. Our facilities are equipped with some of the most technologically advanced fabrication equipment available from flat sheet and multi axis 3D lasers to CNC punch machines, CNC press brakes, CNC plate rolls, multi axis CNC machining centers and more.

Our state of the art equipment provides ultra-high accuracy to deliver the tolerances you need.

### OTHER SERVICES

- Custom kitting programs with direct line integration
- JIT delivery programs available.
- PEM Hardware insertion, nuts, bolts, stand offs, custom inserts

RUSSEL METALS PROCESSING IS CERTIFIED TO THE **ISO 9001:2008 STANDARD**

Russel Metals Processing is a member in good standing with the American Welding Society and the Canadian Welding Bureau.



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