

# Tri-State Fabricators Inc.

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“**QUALITY**” One Stop Metal Fabricating, Laser Cutting, Tube Bending, Angle Rolling, C.N.C. Machining, C.N.C. Turning, Painting, Powder Coating, Silk-screening, Paint Stripping, and Sand Blasting.  
Any Quantity \*Prototype or Production\* Serving All Industries  
\*ALL UNDER ONE ROOF\*

## Equipment List

### Production Fabrication

#### **\*Shearing & Sawing**

- (1) Automated Material Loading System (49 Shelves Max 4400 lbs Ea.)
- (1) Amada M-3060 10' .250 Max. Thickness Mechanical Shear
- (1) Well Saw
- (1) Scotchman Miter Saw
- (1) Marvel 2125 A-PC60 Vertical Band Saw
- (1) Marvel V-10A2 10" x 10" Vertical Band Saw

#### **\*Machining**

- (1) Mazak Quick turn 250 HP CNC Lath W/ 12 Tool Holders
- (1) Mazak VTC200B Vertical Traveling Column Machining Center
- (1) Bridgeport Milling Machine W/ digital Readout

#### **(4) Drill Presses**

#### **\*Forming & Tube Bending**

- (1) 242 Ton Amada Promecam HFB 8 Axes 12' Long Press Brake
- (1) 125 Ton Amada RG125 10' Long Press Brake
- (1) 50 ton Amada RG50 6' Long Press Brake
- (1) Ercolina Hydraulic Tube Bender (3" Capacity)
- (1) Angle Iron & Tube Roller

#### **\*Laser Cutting / Plasma Cutting**

- (1) Amada Gemini FO-4020 4000 Watt High Speed Laser W/ 80" x 160" Shuttle Tables W/ Rotary Axis For Tubing Applications
- (1) Mazak 1000 Watt NXT 48 Champion Laser
- (1) Handheld Plasma Cutter

#### **\*Stamping**

- (1) 175 ton Cincinnati OBI Hydraulic Punch Press
- (2) 58 Station Amada 33 Ton 357 Pega Turret Punch Presses W/ Auto Indexing Stations. 1/4" Max. Thickness. Over \$100,000.00 in Tooling
- (2) Haeger PEM Nut Hydraulic Press – One w/ Auto Feed – New in '07

#### **\*Rolling**

- (1) Plate Rolling Machine 6' Long 3/8" Capacity (4 Roll)
- (1) Small Hand Roller W/ 3" Rollers x 36" Wide, Up To 16 Gauge
- (2) Small Hand Roller 1" Rollers x 12" W – New Small Power Roller

#### **\*Welding**

- (10) Mig Welders
- (2) Aluminum Mig Welder
- (4) Tig Welders
- (1) Nelson Stud Welder Machine
- (1) Nelson Capacitor Discharge Stud Weld Machine
- (1) 100 KVA Spot Welder
- (1) ARO Production Spot Welder
- (1) Small Stud Welder

#### **\*Deburring & Finishing**

- (1) 2.7 Sq. Ft. Rosemont Tumbler Deburring Machine
- (1) 16 Sq. Ft. Rosemont Tumbler Deburring Machine
- (1) Finishing Center Wet / Dry 36" Wide
- (1) Dry Finishing Center 8' Long x 36" Wide

### Paint & Powder Coat Department

#### **\*Powder Coating**

- Large Powder Coating Line W/ Automatic 3 Stage Wash / Phosphatize System. 600 Ft. Conveyor. 5' x 4' Opening Size. Capable Of Handling Parts Up To 12' Long
- (1) Large Walk-In Powder Coat Booth: 8' x 10' x 18'
- (1) Large Walk-In Powder Coat Booth: 12' x 14' x 30'
- (1) Large Powder Coat Baking Oven: 8' x 6' x 14'
- (1) Large Powder Bake Oven: 10' x 10' x 25'
- (5) Nordson Powder Coat Guns

#### **\*Wet Painting**

- (1) Large Wet Paint Booth: 10' x 30' x 25'
- (1) Large Wet Bake Oven: 10' x 10' x 12'
- (1) Large Wet Paint Line – **(Updated in 2007)**

#### **\*Paint Stripping**

- (1) High-Temperature Burn-Off Oven: 55" x 52" x 60"
- \* Miscellaneous Sanding Equipment

#### **\*Glass Bead Blasting (Sandblasting)**

- (2) Maxiblaster Sandblasting Machines: 40" x 40" x 60"
- (1) **(New 2011)** Blast-It-All 10' x 14' x 24' Reclaim Media Blasting Booth
- Atlas Copco Rotary Screw GA30S, 40 HP Air
- (2) Compressors W/ Motivar DE 108 Air Cooled Compressed Inline Dryer

#### **\*Silk Screening Department**

- (1) Large Silk Screening Setup Table
- (1) Screen Storage Room
- \* Miscellaneous Ink Types

#### **\*Assembly Department**

- (1) Large Assembly Table
- (1) Assembly Tool Storage Room

### Job / Material / Inventory Flow Control

- River System Automated Material Flow Control System. System Contains 7 Shelves W/ 7 Pallets On Each. Holds Up To 4,400 Pounds Of Raw Material W/ Maximum Sheet Size Of 60 x 120 Inches.
- Networked Shop Floor PC Terminals (One At Shear, One At Laser) Equipped W/ NCELL Navigator Software For Controlling River System
- Wireless Scanners on Wi-Fi Network Provide Real-Time
- (9) Location & Status Of All Customer Jobs On Shop Floor. Scanners Linked To A Fabtrak32 Windows Server.

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

## **Software List**

### **\*2-D CAD Software**

- (2) Autodesk AutoCAD 2009 LT
- (3) Autodesk AutoCAD 2009 Full Version
- (1) Autodesk AutoCAD Mechanical Desktop 2006
- (1) Arbor Image Cutshop
- (4) **(New 2011)** SolidWorks Pro 3-D CAD Software

### **\*3-D CAD Software**

- (1) Autodesk INVENTOR 10 Full Version

### **\*Programming Software**

- (1) Amada AP100 (US)
- (1) Griffio Brothers CAMLINK For Windows
- (1) Amada AlfaCAM Version 4 Build 679
- (1) Spectrum Multi-DNC V7.0

### **\*Program Transfer (Server to Machines)**

### **\*Bar Coding / Accounting / Production Control**

- (1) **(New 2011)** ShopTech E2 Shop Management Software Package with Wireless Bar Coding & Customer Web Access
- (1) Scan Vis
- (1) RF Relay
- (1) NCELL Navigator For Automated Material Loading System
- (1) Sage Software Mas90 Version 4.1

### **\*Photo Manipulation Software**

- (1) Macromedia Fireworks 8
- (1) The GIMP For Windows

### **\*Web Software**

- (1) Microsoft Notepad
- (1) Microsoft Front Page 2003

### **\*Operating Systems & Office Suite**

- \* Microsoft windows XP Professional Edition
- \* Microsoft Office 2003 & 2007
- \* Microsoft Small Business Server 2003
- \* Microsoft Windows Server 2003 Standard
- \* Microsoft Windows Vista Business
- \* Microsoft Windows 7 Business

## **Shipping & Receiving**

- (1) 3,000 Lbs. Forklift
- (1) 5,000 Lbs. Forklift
- (1) 6,000 Lbs. Forklift
- (1) 8,000 Lbs. Forklift
- (1) 10,000 Lbs. Forklift
- (1) 15 Ton Overhead Crane
- (2) 5 Ton Overhead Crane
- (3) Semi Leveling Docks
- (2) Drive through 12'W x 14'H Overhead Doors For Loading & Unloading Trucks Inside Building
- (1) New (2009) GMC Delivery Van
- (1) 1 Ton 1997 Dodge Pick-Up Truck (Dualie)
- (1) Sterling 24' Box Truck
- (1) New (2009) 24' Box Truck
- (1) C70 Chevy 22' Flat Bed Truck

## **Facility Description**

125,000 Square Foot Building On 20 Acres - Layout Designed By TSF For Very Efficient Operation And Future Growth Expansion.



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