

Sweeney Metal Fabricators, Inc.

Facilities List

Updated, May 2011

Punching

- ◆ 22 Ton 45 Station Amada EM2510NT 50" x 98" brush table with auto indexing
- ◆ 22 Ton 24 Station Amada 244 PEGA with Fanuc control
- ◆ 24" and 18" 5 Ton Roper Whitney punch press
- ◆ 52" 10 Gauge Wysong shear
- ◆ Amada Togu tool grinder

Forming

- ◆ 8' 90 Ton RG-80 Amada Brake with A 3 Axis CNC back gauge
- ◆ 6' 55 Ton RG-50 Amada Brake with A 3 Axis CNC back gauge
- ◆ 4' 35 Ton Amada brake with CNC back gauge
- ◆ 5 Ton Pem Insert machine
- ◆ 8 Ton 24" Haeger insert machine with auto feed
- ◆ 36" - 16 Gauge capacity rollers

Machining:

- ◆ Fanuc Robodrill T-21iFLa, PC2 Vertical Machining Center with 2 Pallet Changer, New 2009, 0-10,000 RPM, 2125 IPM Rapid, 1.1 Second Tool Changes, 6 Second Pallet Changes 21 Tool Changer, Rigid Tapping, Automatic Part Probing, (Travel, x28, y16, z13)
- ◆ Fanuc Robodrill T-21iFL, Vertical Machining Center, New 2010, 0-10,000 RPM, 2125 IPM Rapid, 1.1 Second Tool Changes, 21 Tool Changer, Rigid Tapping, Automatic Part Probing, (Travel, x28, y16, z13)
- ◆ Mazak VCN510 IIC Vertical Machining Center, New 2006, 0-12,000 RPM Spindle, 30 Tool Changer, Rigid Tapping, Non Contact Tool Probe, Automatic Part Probing, (Travel x40, y21, z24)
- ◆ Hurco BMC3017 Vertical Machining Center, New 2001, 0-8000 rpm Spindle, 24 station tool changer (Travel x30, y17, x24) Rigid tapping capabilities.
- ◆ 3 hp Bridgeport 60-4200 rpm spindle (travel x32, y12, z5) Longitudinal power feed 3 axis Digital Readout.
- ◆ 3 hp Bridgeport 60-4200 rpm spindle (travel x32, y12, z5) Proto-Trak 2 Axis Control
- ◆ Gildemeister CTX410C CNC 3 Axis Lathe with Fanuc 21I control, 10" Swing 3" through hole C axis, 5000 rpm, 12 station live tooling.
- ◆ Kalamazoo 14" Cut off saw with Mitutoyo 48" Digital Readout.
- ◆ Kalamazoo 9" x 13" Variable speed Band saw.
- ◆ 3 Head - 15" Classing variable speed drill bank

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Welding / Grinding

- ◆ 30 KVA Alpha spot welder
- ◆ Miller Syncrowave 250 Heliarc welder
- ◆ Lincoln 300/300 Heliarc welder
- ◆ Millermatic 251 mig welder
- ◆ 37" Timesaver wet sanding machine
- ◆ 3 cubic foot tumbler
- ◆ 1"- 6" upright belt sander
- ◆ 6" x 6" Stroke sander

Inspection:

- ◆ 24" Brown & Sharp Micro height
- ◆ 12" Brown & Sharp Micro height
- ◆ (2) 24" Mitutoyo Height gauges
- ◆ 6" to 36" verniers and dial calipers
- ◆ Granite Surface plates (36" x 60") (36" x 36") (30" x 30")
- ◆ .011 to .625 gauge pins in .001 increments
- ◆ Thread Gauges
- ◆ Micrometers 0"-1" to 11"-12" .0001 resolution
- ◆ Intrapid Indicators.0001 resolution

Technology

- ◆ Metasoft Punch Press Programming System
- ◆ Mastercam X5
- ◆ AutoCAD 2000
- ◆ Solid Works 2011
- ◆ Jobboss Shop Floor Control and Scheduling System

12,800 Square Foot, Climate Controlled Production Facility

