

Fabrication**Koike Aronson Master Graph**

Plasma / Oxyfuel Burn Table

120" x 480"

Plasma cut carbon steel edge start 2.5" thk max.

Pierce start 1.5" thk max

Flame cut up to 8.0" thk edge cut from 2.0" thk and greater

Stainless steel edge start 2.0" pierce start and 1.25" edge start

Aluminum 2.0" edge start and 1.0" pierce start

Etching and hole capabilities

Plate Roller

Up to 1" x 10' wide Carbon Steel

Sheet Metal Roller

7-Gage x 6'

Selas Thermal Stress Relief Oven

9' x 9' x 12'

Bonal Technologies Vibratory Stress Relief**Marvel Programmable Auto Feed Bandsaw****DoAll C-12 Bandsaw****Niagara Shear**

1/2" x 10' mild steel

3/8" x 10' stainless steel

Saw

18" x 20" thru straight cut

14.5" x 20" x 45° cut

Press Break

10' x 230 Ton

Tolerance of +/- .060 on parts smaller than 4 ft sq

Tolerance of +/- .125 for parts greater in size

Blasting / Washing / Painting**Hot Water Phosphorus Wash Booth****Grit Blast Booth**

144" x 192" x 144"

Glass bead, Garnet 30/60 mesh, Ballotini metal shot, & Black Diamond

Paint Booth

Down Draft Exhaust

End / Top Load via Overhead Bridge Crane

LED Lighting

40' x 20' x 14"

Machining

SNK RB6M Bed Mill

Axis Travels

X 324.8" Y 153.5" W 63.0" Z 31.4"

Table Load Capacity: 66,000#

5-Face Machining

Renishaw RMP 600 Probe

Mori Seiki SL-35 Lathe

16" Swing

30" Between Centers

Faro Laser Tracker Vantage

Measurement Envelope Distance: 40 Meters

Range of Horizontal Angle: 360 Degrees

Range of Vertical Angle: 130 Degrees (+77.9/-52.1)

Accuracy:

Per ASME B89.4.19-2006 Standard (MPE)

Absolute Distance Meter (ADM) eADM 16 μ m L + 0.8 μ m/m

R0 Parameter (R0) eRO 16 μ m

Transverse eR 20 μ m L + 5 μ m/ m

YCM 1680A

Vertical Machining Center

Axis Travels

X 64" Y 30" Z 27"

with 4th Axis

YCM 76A

Vertical Machining Center

Axis Travels

X 30" Y 20" Z 22"

SWI DPM S3

CNC Tool Room Mill

Axis Travels

X 30" Y 17" Z 22"

PM 1640 Manual Lathe

16" Diameter

40" Between Centers

VR 508 Komo Router

Vacuum and Mechanical Clamp Table

Axis Travels

X 96" Y 60" Z 10"

18,000 RPM

Facilities

100,000 sq ft of production space

Overhead Bridge Cranes Throughout Building

High Bay

2 - 20 Ton Bridge Cranes	2 - 10 Ton Hoist
6 - 10 Ton Bridge Cranes	2 - 5 Ton Hoist
4 - 2 Ton JIB Hoist	

Low Bay

1 - 20 Ton Bridge Crane	2 - 10 Ton Hoist
2 - 12.5 Ton Bridge Crane	1 - 7.5 Ton Hoist
2 - 10 Ton Bridge Crane	3 - 5 Ton Hoist
1 - 3 Ton Bridge Crane	6 - 2 Ton Hoist
3 - 2 Ton Bridge Crane	

(4) - 40' x 200' Fabrication Assembly Bays

Environmentally Controlled Room

(10) - Tank Rollers

Up to 22 Ton Capacity

Sub-Arc Manipulators

4' x 6'

10' x 8'

12' x 12'

16' x 10'

Welding Tables

(5) - Acorn Tables

(3) - C4 Modular Tables - 4' x 20'

Various sized extensions

10' x 30' Floor Plate

BLUCO Table

55" x 118" 4 Ton Capacity

Flat to +/- .03

Hydro Testing

Up to 5,000 gallon

Up to 10,000 psi

Inspection (NDE)

UT/MT/VT/PT

(10) - Positioners

3" 100 lbs - 12" 20,000 lbs

Weld Rod Ovens

2 Large

2 Small