



Forming Department

ALL STEEL PIRANHA – 200 – 12

200 Ton CNC break press
12 foot capacity
3 axis auto gauge

ALL STEEL PIRANHA – 65 – 8

65 Ton CNC break press
8 foot capacity
3 axis auto gauge

ALL STEEL PIRANHA – 65 – 6

65 Ton CNC break press
6 foot capacity
3 axis auto gauge

2x AMADA – FαBIII – 8025

88 Ton CNC break press
8 foot capacity
4 axis auto gauge

AMADA – RG-80

88 Ton CNC break press
8 foot capacity
4 axis auto gauge

AMADA – RG-50

50 Ton CNC break press
6 foot capacity
4 axis auto gauge

CHICAGO – 13S

15 Ton CNC break press
4 foot capacity

ROPER WHITNEY – 416

Roll Dia: 3"
Max sheet size: 3 feet
16 Ga. capacity

2x ROPER WHITNEY – 383

Roll Dia: 2"
Max sheet size: 2 feet
20 Ga. capacity

Punching Department

AMADA – CNC VIPROS 358 KING II

35 Ton capacity with 58 tool stations
78.74" x 50" table size
Brush table for up to 1/8" steel punching

AMADA – CNC VIPROS III Z3510NT

30 Ton capacity with 45 tool stations
90" x 50" table size
Brush table for up to 1/8" steel punching

2x AMADA – CNC AC255NT

20 Ton capacity with 51 tool stations
50" x 50" table size
Brush table for up to 1/8" steel punching

STRIPPIT – SONIC 18/30

Single station hydro-matic head
30 ton capacity

7x ROPER WHITNEY – KICK PRESS

5 ton capacity manual kick press

Turning Department

ECOCA LATHE – SJ-32MC

4200 RPM 3 axis lathe w/ 1.75" automated bar feeder
12 tool holder Fanuc control

MORI SEIKI – NL2000

6000 RPM 5 axis lathe with live tooling
2.50" automated bar feeder
12 tool holder Mitsubishi control

VICTOR – 1640B

Manual milling center
Automated feed with digital read out

Milling Department

MATSURA CNC – ES 450HII

15000 RPM horizontal center
17.7" x 15.75" table size
Fanuc 18iM control
Twin Pallet

MATSURA CNC – H. PLUS 405

12000 RPM horizontal center
20" x 20" table size
Fanuc 18iM control
Twin Pallet

NTC – NV4G

10000 RPM vertical center
20.5" x 18.5" table size
Fanuc 18iM control

AWEA – VP-2012

15000 RPM vertical bridge milling center
78.7" x 47.2" travel
Fanuc 18iM control

4x TAKUMI – FII

15000 RPM vertical milling center
43" x 22" travel
Direct drive Fanuc 18iM control

TAKUMI – FOCUS 6

15000 RPM vertical center
43" x 22" table size
Mitsubishi control

FORWARD – 5VHL

Vertical milling center
Automated feed with 360° swivel head
Digital read out for 3 axis

Shearing Department

ALL STEEL – 1/4-10

10 foot shear with numeric controls
1/4" steel cutting capacity

BROWN BOGGS – 349C

4 foot manual set up shear
14 Ga. cutting capacity

APOLLO –TV 250

Power notcher
1/8" cutting capacity

Welding Department

3x HOBART CYBERTIG – OM-353

Tig welding

3x LINCOLN SQUARE WAVE – 255

Tig welding

LINCOLN WIREMATIC – 250

Mig welding

MILLERMATIC – 200

Mig welding

2x MILLERMATIC – 350P

Mig welding

MEDAR MEDWELD - 700

50 kva sopt welder

THERMAL DYNAMICS – 300 GTSW

Thermal Arc Welder
Tig welding

WELDOMATIC – FTC

25 kva spot welder

3x WELDOMATIC – FTC

15 kva spot welder

Cutting Department

ELUMATEC – DG 79/30

Aluminum and PVC profiles
Pivoting Range 0-45 deg. Left & Right (Both heads)
6" Cuts with Hydro-Pneumatic saw feed

SPARTEC – GO 450 AFC

Hydraulic up-cutting saw performs both manually
and automatically
2.5 Horse Power

BEWO SAW

Down cutting manual saw

VERTICUT – 144A

Band saw

DELTA – XL 10

Manual table saw

THERMAL DYNAMICS – PAKMASTER 38XL

Plasma cutter

Miscellaneous

TIMESAVER – I37-2HDCM

Computerized display for automated finishing

AMADA – TEG 160 ES

Manual surface grinder
Circular chuck mounted

BOYER SHULTZ

Surface grinder
Working table size of 29" x 13"

6x BUFFALO – 15V

Vertical drill press
Manual control

Engineering Services Department

SHEET METAL FABRICATION PROGRAMMING CENTERS

AutoCad v.2004
Cadkey v7.5
Prippit 2200
Solidworks

MACHINING PROGRAM CENTER

MasterCam Mill v.9 (2d and 3d imaging, 4th and 5th axis capability)
MasterCam Lathe v.9

SPC PROGRAMMING CENTER

QC-Calc v2.75 for Windows NT

Finishing Department

CERTIFIED CHEMICAL FILM PLATING

Tank size – 74" x 37.5" x 36"
500 lbs capacity crane

EMPIRE PRO FINISH BLAST CABINET PF-3648

Working area 48" x 36" x 36"
Multi surface finishing capabilities
(Glass bead, aluminum oxide, plastic media, agri shell etc.)

Hardware Installation Department

4x PEMSERTER – SERIES 4

Hydraulic hardware installation unit
Multi tool tray for assorted sizes of hardware

Testing Department

5 CHANNEL COMPUTERIZED STATIC PRESSURE TEST STATION

150 PSI

HIGH POTENTIAL TESTER

2500v Max

GROUND CONTINUITY TESTER

30 AMP

Quality Assurance Department

ZEISS ECLIPSE – CMM

ACIS – CAD Engine
28" x 28" x 22.8" Measuring Volume
Articulating Probe with Zeiss Calypso 2001 Software
QC-Calc (SPC software)

MITUTOYO PH-3500 PROFILE PROJECTOR

356 mm effective diameter with horizontal light axis
Projection lenses of 5x, 10x, 20x and 50x

MITUTOYO SJ-400 SURFACE ROUGHNESS TESTER

Measurements to ISO, DIN, ANSI and JIS standards

MITUTOYO LH-600B LINEAR HEIGHT GAUGE

Fully computerized for basic and applied measurements
Networked SPC capabilities

MITUTOYO 40" CF DIGIMATIC VERNIER

Digital read out in both metric and imperial

MITUTOYO 24" HEIGHT GAUGE

Digital readout for both metric and imperial measurements

VARIETY OF PRECISION TOOLS

Gauge Blocks
Dial and Digital Calipers
Thread and Pin Gauges



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