



Spécialistes du métal en feuille
Custom Sheet Metal Specialists

DIVISION DE **Thomas&Betts** FABRICATION INC.
DIVISION OF **MANUFACTURING INC.**

EQUIPMENT LIST
&
QUALITY CONTROL
INSTRUMENTATION

CNC PUNCH & LASER TECHNOLOGY

3 - EMLK3510NT 120''x63'', Amada, 58 Punch stations, 4 auto index stations and laser

1 - Vipros 368 table 60''x70'', Amada, 58 Punch stations, 4 auto index stations

4 - Vipros 358 table 50''x72'', Amada, 58 Punch stations, 4 auto index

2 - Apelio II 357 table 50''x72'', Amada, 58 Punch stations, 2 auto index stations and laser.



CNC MACHINING TECHNOLOGY



1 - ES-V4020, OKUMA, 3 Axis, Max Machining Volume 40x 20x18, Table Size 20x48.5, Spindle Speed 50 - 8,000 RPM.

1 - MC-V4020, OKUMA, 4 Axis, Max Machining Volume 40x20x18, Table Size 20x48.5, Spindle Speed 50 - 15,000 RPM.

PUNCH & DRAW PRESS TECHNOLOGY

1 – Draw Press, 350 Ton British Clearing

1 – Draw Press, 300 Ton Modern Hydraulic

2 – Punch Presses, 150 Ton Brown & Boggs

2 – Punch Presses, 110 Ton Brown & Boggs

1 – Punch Press, 90 Ton Niagara

3 – Punch Presses, 80 Ton Brown & Boggs

2 – Punch Presses, 60 Ton Brown & Boggs

2 – Punch Presses, 60 Ton Blow Press Alceco

2 – Punch Presses, 45 Ton Niagara

2 – Punch Presses, 20 Ton All Canada, Alceco

13 – Punch Presses, 40 Ton Johnson, Brown & Boggs, Diamond Mach



CNC & NUMERIC PRECISION BRAKE TECHNOLOGY

5 – 80 T x 8' Bed, Amada with auto back gauge & digital read out

2 – 125 T x 10' Bed, Amada with auto back gauge & digital read out

4 - 60 T x 8' Bed, Accurpress with auto back gauge & digital read out

1 - 60 T x 6' Bed, Accurpress with auto back gauge & digital read out

1 - 70 T x 10' Bed, All Steel with auto back gauge & digital read out

2 - 45 T x 6' Bed, All Steel with auto back gauge & digital read out

1 - 20 T x 4' Bed, All Steel with auto back gauge & digital read out

1 – 130 T x 10' Bed, Cincinnati with auto back gauge & digital read out

1 – 25 T x 4' Bed, Promecan with auto back gauge & digital read out

1 – 90 T x 8' Bed, Promecan with auto back gauge & digital read out

1 – 90 T x 8' Bed, Promecan with auto back gauge & digital read out

1 – 110 T x 12' Bed, Pullmax with auto back gauge & digital read out

1 – 25 T x 4' Bed, Aztech with manual controls



WELDING TECHNOLOGY

- 4 – MIG Welding Stations
- 5 – TIG Welding Stations
- 15 – Spot welding Stations, 15 to 150 KVA
- 1 – Robotic Welder, Motoman
- 2 – Stud welding Machines



LIQUID & POWDER PAINT TECHNOLOGY



5 Stage liquid & powder paint line,
electrostatic with conveyor

3 Stage powder paint line, electrostatic with
conveyor

SILKSCREEN TECHNOLOGY

- 3 – Silkscreen Stations
- 1 – Curing Oven
- 1 – Ultra Violet Developer



METAL BLENDING TECHNOLOGY

- 2 – Time Savers
- 1 – 6” x 36’ Belt Sander
- 1 – Sand Blast Cabinet 44” x 26”
- 2 – Vibration Tumblers
- 1 - 1800 RPM Polishing Machine
- 1 – Ultrasonic Degreaser Machine
- 3 – Sanding Downdraft tables
- Palm Sanders
- Belt Sanders



TOOL & DIE TECHNOLOGY

4 – Lathes, 0.1” – 13”

5 – Vertical Milling Machines, Digital Readout

2 – Horizontal Milling Machines, Digital Readout

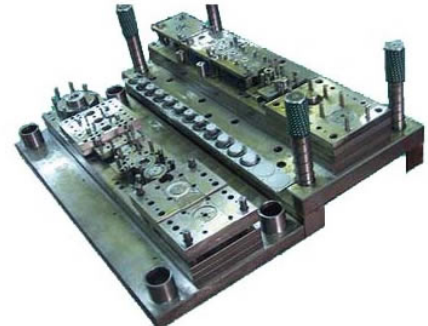
3 – Radial Arm Drills, 5’

7 – Bench Drills 0.1” – 1”

12 – Surface Grinders 1” – 36”

2 – Heat treat Ovens 2300 F

1 – E.D.M.



FASTENER INSERTION TECHNOLOGY

3 – PEM Fastener Inserter, Series 2000, with hopper and track feed

1 – PEM Fastener Inserter, Series 500, with hopper and track feed

2 – Haegar 824, Fastener Inserter, Series 500, with hopper and track feed

1 – PEM Fastener Inserter



MISCELLANEOUS EQUIPMENT

- Drill Presses, 8" Throat x 1/2 Dia
- Gang Drill Press, 8 chucks x 5/8 Dia
- 3 – Tapping Machines
- 2 – Riveting Machines
- 2 – Pierce All, Uni-Punch 30 Ton
- 1 - Power Corner Notcher
- 2 – Roll Former 32" and 14 Gauges
- 2 – Electric Metal Hammer



QUALITY CONTROL INSTRUMENTATION

Quality Office for preparation of Certificates of Conformity and documentation control

3 – Inspection Stations

1 – Co-ordinate Measuring Machine, Mitutoyo B241 with computer and software

1 – Spectrophotometer (Color Verification) X-Rite 8P68

Statistical Quality Control (Histogram, Probability plot CPK, CP Values, Std. Dev. Etc.) Based on Boeing I – 9000

Microscope (63X Magnification)

Conductivity Meter

Push and Pull Tester (500lbs Capacity)

Extensive range of measuring equipment and tools. Granite Tables, Vernier Calipers, Micrometers, Torque Meters etc.

Plating and Painting Thickness Gauges

Gloss Meters

2-D Laser Marking Machine

Controlled Goods Certified

Net Inspect User

