

Inland Metal Technologies

Equipment List

SHEET METAL

CUTTING

1 Mazak 3D SG-U44: 3D robotic production laser, 5-axis torch and simultaneously controlled chuck

1 Mitsubishi 2512 LXP: 2,000 watt CNC laser cell

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Omax 55100: Precision abrasive water jet center, 100" x 55"

Stone M750 Saw: 20" high-speed extrusion saw with pneumatic clamp system

Baleigh Cold Saw: 14" manual cold saw

Marvel Powermatic: 24" variable speed metal cutting band saw

Doall: 24" metal cutting band saw

DeWalt Radial Arm Saw: 12" radial arm saw

PUNCHING/STAMPING

1 Amada 368 Vipros King II: CNC punch press, 60" x 80" brush table, ASR 510 6-cell tower and vacuum sheet loader-unloader

2 Amada Pega 357: 30 ton CNC punch press, 1/4" x 48" x 144", large tooling selection to 4.25"

1 Amada Queen Pega 344

1 Amada SP-30: Single station 30 ton prototype punch press

1 Pacific Pressformer: 110 ton hydraulic forming gap press

1 Johnson Stamping Press: 35 ton

1 Rouselle Stamping Press: 110 ton

1 Rouselle 2G Punch Press

SHEARING

1 Amada M3060: CNC mechanical shear, ¼ x 10' mild steel capacity with precision FO back gauge and pneumatic sheet supports

1 Amada CS220 Notcher: Manual 10 GA capacity hydraulic notcher, 10 ton

BRAKES

1 Amada RG 125: 10' capacity

1 Amada Fab III 1253: 12' capacity, 110 ton

6 Amada RG50: CNC precision hydraulic brake, 50 ton, 6' capacity

1 Verson Brake: Mechanical brake, 65 ton, 8' capacity, CNC D-ANN backgauge

1 Verson Brake: Mechanical brake, 35 ton, 4' capacity

MACHINE SHOP

MILLING/TURNING

2 Haas VF4: CNC vertical milling center, 50" x 20" x 12" capacity

2 Haas VF1: CNC vertical milling center, 20" x 16" x 12" capacity

Mori Seiki MV-40: CNC horizontal mill, 31" x 16" x 19" capacity

1 Bridgeport EX Trak DX: CNC vertical mill

1 Nakamura Tome TW-20: CNC dual spindle lathe with live tooling, 8 ½" capacity

1 Haas SL30: CNC lathe, 3" capacity with bar feeder

5 Bridgeport Series I: Manual vertical mill, power feed, variable speed

1 KBC TUM 3VS: Manual vertical mill with Mitutoyo DRO's

1 South Bend 22": Manual vertical lathe, 22", quick change coolant

1 Pinnacle 70358: Vertical grinding machine

1 Tapping Master: Articulated manual tapping station

1 Burgmaster 6STA: Multi-station turret drill press

3 Rockwell 1565: Floor drill press

1 Powermatic 1150: Floor drill press

ASSEMBLY/FABRICATION

SPOT WELDING

1 Sciaky PMCCR4ST/200-36-200 KVA

1 Sciaky PMCR2ST/100-36-100 KVA

1 Janda 45-60, 45 KVA

WELDING

8 Miller: Tig welders with cooling units

1 Miller: Mig welder for Aluminum, with cooling unit

1 Miller: Mig welder with cooling unit

1 Lincoln: Mig welder with cooling unit

5 Lincoln: Tig welders with cooling units

3 Cobramatic MK-3A: Wire feed Mig welding unit

1 Bluco Table: Fixturing and welding system, 4' x 6'

2 Bluco Table: Fixturing and welding system, 4' x 4'

FINISHING/GRINDING

1 Timesaver 137-2HdCMW: 2 head wet deburring and finishing machine, 36" capacity

3 PMC 264-6: Stroke sander, high speed graining, 100" capacity

2 PMC 158-5: Stroke sander, high speed, 60" capacity

1 Zero Bead Blasting cabinet: Bead blasting cabinet, Pulsar 3, 36" x 36" capacity

- 1 Universal Bead Blasting cabinet: Bead blasting cabinet, 24" x 24" x 36"
- 1 Dynabrade: Manual graining and finishing device
- 1 National: Heavy duty vibratory deburring machine (tumbler), 5 cubic feet capacity
- 1 Speedebur 3: Vibratory deburring machine, 3 cubic feet capacity
- 1 Shopmade: Rotary barrel mass finishing machine, 10 cubic feet capacity
- 1 Baldor: Dual wheel polishing lathe

HARDWARE

- 1 Haeger 824 Window Touch: Fastener insertion system, processes/inserts up to 4 different items of hardware simultaneously, with two automatic feeders
- 3 Autosert AS-7.5 Press: Autofeed hardware Insertion press, 7 ton
- 2 PEM Insert Press: Manual hardware insertion press, 3 ton
- 1 PEMSERTER 2000: Autofeed hardware insertion press, 7 ton
- 2 Haeger : Hardware insertion press with automatic feeder

QUALITY CONTROL

- 1 Mitutoyu B-241: CMM, 28" x 40" x 20" capacity
- 1 Starrett Rapid Check: CMM, 28" x 28" x 18" capacity
- 2 Romer Articulated Arms: CMM, tolerances of +/- 0.005 inches, up to 7' in 3 dimensions
- 4 Grade A Surface Inspection Plates: 48" x 96"
- Virtek Laser Digitizing Device: Flat pattern SPC inspection, 48" x 48"
- Deltronic Optical Comparator: 14" capacity