

Tool Room Equipment List

EDM

- Agie VP4 Wire EDM
• 52" x 39" x 20" Ht
- Agie VP3 Wire EDM
• 41" x 25" x 16" Ht
- Charmilles HD20
EDM Hole Drill

VMC

- Haas VF6
• 28" x 64" Table
- Haas VF3 (2)
• 18" x 48" Table
- Feeler
• 23" x 51" Table
- Double Column Bridge Mill
Feeler-2214
• 55" x 85" Table

Lathe

- CNC TRAK Lathe 1845
- Moriseki: 54" Bed, 20" Swing

TOOLING SOFTWARE

- VISI Progress
- AutoForm Forming Solution

Drill

- Ikeda Radial: 5" x 13"
- Clausing Pedestal
• 32" x 21" Table
- Clausing Pedestal
• 45" x 29" Table

Heat Treat

- Lucifer Atmosphere
Dual Chamber Furnace
• 18" x 24" x 24"

Mill

- (3) Bridgeport: 11" x 48"
- Kearney & Trecker 3CH
- CNC TRAK Mill DPMRX3

Saw

- DoAll Band Saw: 21" x 31"
- Wells W-9-1 Cutoff Saw

Grind

- Mattison: 20" x 48"
- Okamoto 1632: 18" x 32"
- (2) Okamoto: 12" x 24"
- (3) Harig: 6" x 18"
- (3) Mitsui: 6" x 18"
- Mitsui MSG: 8" x 18"



Manufacturing Equipment List

STAMPING

STAMP / AUTOMATIC FEED							
	TON	BED	MAX SPM	STROKE	TYPE	MAX THICKNESS	MAX WIDTH
MINSTER E2-800	800	72" x 168"	40	16"	SSDC	.312"	50"
MINSTER E2-400	400	54" x 120"	60	14"	SSDC	.375"	30"
MINSTER FX2-300 Servo	330	48" x 96"	51	11.81"	SSDC	.250"	30"
MINSTER E2-300	300	48" x 96"	60	10"	SSDC	.330"	26"
MINSTER E2-200	200	42" x 60"	60	6"	SSDC	.209"	12"
MINSTER E2-200	200	72" x 40"	120	8"	SSDC	.250"	26"
MINSTER PH2-160	160	33" x 63"	150	4"	SSDC	.250"	12"
MINSTER P2-100	100	31" x 39"	150	3"	SSDC	.250"	14"
MINSTER P2-100	100	31" x 39"	150	4"	SSDC	.187"	14"
MINSTER P2-45	45	38" x 25"	400	2.5"	SSDC	.125"	11"
STAMP / MANUAL FEED							
	TON	BED	STROKE		TYPE		
AIDA NC2-250	275	36" x 106"	11"		Gap		
AIDA NC2-16	176	23" x 81"	5"		Gap		
STAMPTEC OCP-110	110	45" x 27"	7"		Gap		
GREENARD-40	40	15" x 16"	8"		Gap		





VALUE ADDED

Weld

- **Banner Spotwelder**
75 KVA 18" Throat
- **Banner Spotwelder**
100 KVA 18" Throat
- **Federal Spotwelder**
100 KVA 18" Throat
- **TJ Snow Spotwelder PPSA-12-25**
100 KVA 11" Throat
- **(2) TJ Snow SlimLine Dual Gun Spotwelder**
120 KVA 18" Throat
- **CNC Panasonic Robotic Welder**
34" x 15" x 20" Weld Stations
- **Genesis CRZ-FT Robotic Welder**
30" x 40" Weld Station

Hardware Insert

- **Auto-Sert AS-15 Insertion Press**, 15 Ton 20" Throat
- **Auto-Sert AS-7 Insertion Press**, 7 Ton 20" Throat
- **Pemserter 3000**
8 Ton 24" Throat

Machine

- **Brother CNC Tapping Center**
 - (2) Pallet Changer
19.7" x 11.8" Tables
 - 14 Station Tool Holder
 - Trunnion Rotating Tables
- **RobodrillIII, a-DiA Series**
 - 15.7" x 19.7" x 13" Travel
 - 21 Station Tool Holder

Part Wash

- **Stoelting Conveyor Belt Wash System**
 - Wash-Rinse-Dry
 - Belt System

QUALITY

Measure

- **Zeiss Contura**
 - Calypso Software
 - Measuring Range 27" x 39" x 23"
- **Faro Arm**
 - PolyWorks Software
 - Laser Line Probe HD

Comparator

- **Starrett Optical Comparator HB400**, 16" Screen

Misc

- **Clark Hardness Tester**
- **Mituoyo Microscope**
- **Mahr Digimar CX1 Height Measuring Station**
- **Mituoyo Gage Blocks**
- **Mituoyo Pin Gauges**

MANAGEMENT

ERP System

- **Plex Online**
 - SaaS Software
 - Integrated Accounting, Inventory, Shop Floor and Quality
 - Shop Floor Data Collection

Quality System

- **International Organization for Standardization (ISO)**
 - Registered by Smithers Quality Assessment
 - ISO 9001:2015

Fabrication Equipment List

LASER CUTTING

Salvagnini L1Xe Fiber

- Positioning Tolerance: $\pm 0.004"$
- Worktable: 120" x 60"
- Maximum Power: 3,000 Watts
- Cutting Capacity (Thicknesses)
 - Steel: 0.700"
 - Stainless Steel: 0.312"
 - Aluminium: 0.187"
 - Brass: 0.187"
 - Copper: 0.187"

Amada Quattro C02

- Maximum Power: 500 Watts
- Cutting Area: 48" x 48"

SANDING

Fladder Gyro 300

- Brush Deburring
- Working Width: 51"
- 6 Cone Spindles

BENDING

Durma CNC Press Brake AD-S Series Model 30135

- Tons: 150 Tons
- Bending Length: 120"
- Stroke: 14"
- Throat Depth: 16.1"

Euromac Electric Press Brake FX Bend 1547

- Tons: 55 Tons
- Bending Length: 60"
- Stroke: 9.8"
- Throat Depth: 15.5"



Video Tour:
Watch a walk-through video tour of our facilities.



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