

**ISO 9001-2015 Certified**

**Precision Sheet Metal Fabrication, Stampings, Machining, Assemblies & Value-Added Services, Quick Turn Prototypes, from Short Run Stampings to Progressive Stampings**

**PRODUCTION EQUIPMENT**

**Punch Presses**

- 2 Press Lines from 40 Ton to 200 Ton (For high-volume production)
- 31 Presses from 22 Ton to 250 Ton (Bed Sizes up to 48x72)

**Turret Presses**

- 2 Amada King's
- 1 Amada EMK (Sheet Size up to 48x120)

**Lasers**

- 1 Cincinnati CL940 Fiber 4000 Watt (Sheet Size up to 60"x120")
- 1 Amada LCG Fiber Laser 6000 Watt (Sheet Size up to 60"x120")

**Turret/Laser Combination**

- 1 Amada EML 2515 AJ (Sheet Size up to 60"x120")

**Press Brakes**

- 12 CINCINNATI Brakes to 175 Tons

**Welding**

- 8 MIG Welding Machines (MILLERS)
- 8 TIG Welding Machines (MILLERS)
- 4 Spot Welding 60 KVA TO 100 KVA

**Machining Vertical Milling**

- 2 Haas Mini Mills. 16"x12" Tables
- 1 Haas VF4 SS with pallet changer 50"x22" table
- 1 Haas VF4 with TR-160 5-axis trunnion
- 2 Haas VF3 SS With Pallet changer 40"x22" table
- 3 Haas VF2 SS with TRT-100 & TRT-160 5-axis trunnion (1 w/Max 12 Robot Arm)
- 1 Haas VF2 with 4<sup>th</sup> axis indexer (1 w/Max 8 Robot Arm)
- 1 Haas VM2 with 4<sup>th</sup> axis indexer
- 17 Haas Mills - 6x DM-2's and 11 VF-2's (all 3-axis)
- 2 Sodick UH430 Mills with 60K spindles (ultra-accurate)
- 1 Kern Micro Pro 5-axis with 60K spindle and 30x pallet changer built-in (ultra-accurate)
- 5 Milltronics VM4222 42"x22" table
- 1 Milltronics VM3018 38"x18" table
- 2 Milltronics VM22 39"x19" table
- 1 Ganesh VFM-5127 51"x27" table
- 1 Milltronics TT24 Twin 23"x25" tables
- 1 Quaser MK603 41"x21" twin tables
- 1 Matsuura MX-330 - PC10, 5 axis CNC with 10 pallet pool
- 1 Matsuura MX-420 - PC10, 5 axis CNC with 10 pallet pool

**Turning Centers**

- 1 Yama Seiki GLS 2000 Turning Center with bar feeding capability
- 1 Yama Seiki GLS 150Y Turning Center
- 1 Hyundai 1800TTSY with bar feeding
- 1 Haas ST10
- 1 Haas CL-1
- 3 Citizen L220 Swiss machines with live B-axis. Ø20mm

## **SUPPORT EQUIPMENT**

- 2 Metal Shears
- 5 CNC Drilling, Tapping, and Countersinking
- 10 Hardware Insertion and Riveting Machines
- 8 Vibratory and Abrasive Deburring (Straight Lining and Cosmetic Production Grinding)
- 6 Timesavers
- 1 Wire EDM machines
- 2 Powder Coating Booths
- 1 Epilog G2 Laser Engraver
- 1 FDM 3D printer 12" X 8"X 12" work envelope

## **INSPECTION**

Modern, certified equipment and processes to support our quality assurance program.

- 3 38" x 72" x 36" Hexagon Global CMM
- 1 20" X 27" X 20" Hexagon Global CMM
- 1 Virtek Laser Inspection
- 5 Nikon VMM's
- 1 OGP VMM with probing

## **MATERIAL HANDLING**

- 7 Overhead Cranes to 10,000 Lbs.  
Clark forklifts up to 5,900 Lbs

## **TOOLROOM**

Modern Tool Room is fully equipped to design and produce tooling in-house, from stage to progressive tooling.