

# 110 METALWORKS

A Value Apart

## Equipment and Capabilities

### CNC Milling

|                          | X-Axis | Y-Axis | Z-Axis |
|--------------------------|--------|--------|--------|
| 1 Doosan NHP4000         | 22.0"  | 25.2"  | 26.0"  |
| 1 Doosan HP5500          | 31.0"  | 27.0"  | 29.0"  |
| 1 Doosan Mynx 5400       | 40.0"  | 21.0"  | 21.0"  |
| 1 Haas VF9               | 84.0"  | 40.0"  | 38.0"  |
| 1 Haas VF6SS             | 64.0"  | 32.0"  | 30"    |
| 2 Haas VF-5XT            | 60.0"  | 26.0"  | 25.0"  |
| 1 Haas VF-4              | 50.0"  | 20.0"  | 25.0"  |
| 1 Haas VF-3              | 40.0"  | 20.0"  | 25.0"  |
| 1 Mori-Seiki Duracenter5 | 20.0"  | 30.0"  | 25.0"  |

### CNC Turning

|                            | Max<br>Dia. | Max<br>Length | Max Bar<br>Capacity |
|----------------------------|-------------|---------------|---------------------|
| 1 Doosan Puma TT 2500 SY   | 17.0"       | 43.3"         | 3.19"               |
| 1 Doosan 2100SY            | 16.0"       | 20.5"         | 2.6"                |
| 1 Nakamura-Tome WY-150     | 8.85"       | 22.24"        | 2.5"                |
| 1 Mori-Seiki SL-303        | 14.0"       | 24.0"         | 2.875"              |
| 1 Mori-Seiki NL 2500 MC700 | 14.0"       | 27.7"         | 3.1"                |

### Sheet and Plate Processing/Fabrication

|                                          |                                                         |
|------------------------------------------|---------------------------------------------------------|
| 1 LVD Sirius 3015 Plus Laser             | 60" x 120"; Max Thickness: .787" Steel, .59"SS, .393"AL |
| 1 Strippit 1000XP CNC Turret Punch Press | 48" x 40"; Max Thickness: .19" Steel, .179" SS, .25" AL |
| 1 Amada HD 1330NT                        | 130 Ton Capacity, 10' Work Length                       |
| 1 Cincinnati Press Break                 | 90 Ton Capacity, 10' Work Length                        |
| NS DM1600 Metal Finisher                 | 63" Max Width, 1.9" Max Thickness                       |
| 1 Timesaver Sander                       | 8" Max Width, 2.5" Max Thickness                        |

### Welding

Code Certifications:

- American Welding Society (AWS)
- Military/Government Specifications
- American Society of Mechanical Engineers (ASME) Compliant
- AWS and ASME Certified Welders

## Welding Capability

- Gas Metal Arc Welding (GMAW/MIG)
- Flux Cored Arc Welding (FCAW)
- Gas Tungsten Arc Welding (GTAW/TIG)
- Shielded Metal Arc Welding (SMAW)
- Oxy-Fuel Brazing

## Conventional Machining

- 3 Bridgeport Mills
- 2 Bridgeport Servo
- 4 Engine Lathes

## CMM Inspection Equipment

- Zeiss Contura CMM
- MicroStar 430-252-DCC CMM
- Brown & Sharpe Gage2000 CMM
- Tesa MH3D CMM

## Other Equipment

- Raise3D – 3D Printer: Fixtures/Gauges/Tooling
- Schenck Balancing Machine 31.5" Max Length
- Haeger HP 10-A Hardware Insertter (10 Ton Capacity)

## Process Capabilities Include

- FAI, PPAP
- Continual Improvement: Gemba, KPIs, 5-Why & Corrective Actions, 6-Sigma DMAIC Processes
- Vertical Market Quality Requirements
- Design for Manufacturing Engineering services

## Certifications and Registrations

- AS9100D/ISO 9001:2015
- CMMC 2.0
- ITAR
- SAM
- NY State Certified Service-Disabled Veteran-Owned Small Business

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## 110 MetalWorks

[www.110metalworks.com](http://www.110metalworks.com)

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