

# 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 Haas VS-1	84.0"	50.0"	50.0"
2 Haas VF-5XT	60.0"	26.0"	25.0"
1 Haas VF-5	50.0"	26.0"	25.0"
1 Haas VF-4	50.0"	20.0"	25.0"
1 Doosan Mynx 5400	40.0"	21.0"	21.0"
1 Mori-Seiki Duracenter5	20.0"	30.0"	25.0"

### CNC Turning

	Max Dia.	Max Length	Max Bar Capacity
1 Doosan Puma MX2500	21.65"	40.16"	3.0"
1 Mori-Seiki SL-303	17.0"	24.0"	2.5"
1 Doosan 2100SY	16.0"	20.5"	2.6"
1 Mori-Seiki NL 2500 MC700	14.0"	27.7"	3.1"
1 Nakamura-Tome WY-150	8.85"	22.24"	2.5"

### Sheet and Plate Processing/Fabrication

1 LVD Axel 3015 Laser	60" x 120"; Max Thickness: 1.0" Steel, .59" SS, .50" AL
1 LVD Sirius 3015 Plus Laser	60" x 120"; Max Thickness: 1.0" Steel, .59" SS, .50" 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
1 Timesaver Sander	52" Max Width, 4" 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
- AWS Certified Welding Inspection (CWI on-site)

## 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

- Schenck Balancing Machine 31.5" Max Length
- Haeger HP 10-A Hardware Inserter (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

- ISO 9001:2015 – ANSI/ISO/ASQ Q9001-2015
- NIST SP 800-171/CMMC Compliant
- ITAR
- SAM
- NY State Certified Service-Disabled Veteran-Owned Small Business

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## 110 MetalWorks

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

4855 Executive Drive, Liverpool NY 13088

(315) 451-3480