



Liverpool, NY

## Equipment and Capabilities

### CNC Horizontal Milling

|                 | X-Axis | Y-Axis | Z-Axis |
|-----------------|--------|--------|--------|
| 1 Doosan HP6300 | 39.4"  | 33.5"  | 33.5"  |
| 1 Doosan HP5500 | 31.0"  | 27.0"  | 29.0"  |

### CNC Vertical Milling

|                          | X-Axis | Y-Axis | Z-Axis |
|--------------------------|--------|--------|--------|
| 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 SV50-734    | 30.0"  | 20.0"  | 25.0"  |
| 1 Mori-Seiki Duracenter5 | 20.0"  | 30.0"  | 25.0"  |
| 1 Haas VF-1              | 20.0"  | 16.0"  | 20.0"  |

### CNC Turning

|                            | Max Turn Dia. | Max Turn Length | Max Bar Capacity |
|----------------------------|---------------|-----------------|------------------|
| 1 Doosan Puma MX2500       | 21.65"        | 40.16"          | 3.0"             |
| 1 Kia SKT25                | 19.7"         | 28.3"           | 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"             |

### Sheet and Plate Processing/Fabrication

|  |   |
|--|---|
| 1 LVD Axel 3015 S (CO2) Laser            | 60" x 120"; Max Thickness: 1.0" Steel, .59" SS, .50" Al |
| 1 LVD Sirius 3015 Plus (CO2) 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, .50" Al |
| 1 Amada HD 1330NT                        | 130 Ton Capacity, 10' Work Length                       |
| 1 Cincinnati Press Brake                 | 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)
- Resistance Spot Welding
- Oxy-Fuel Brazing

## **Conventional Machining**

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

## **CMM Inspection Equipment**

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

## **Other Equipment**

- |                                    |                   |
|------------------------------------|-------------------|
| Schenck Balancing Machine          | 31.5" Max Length  |
| 1 Haeger HP 10-A Hardware Inserter | (10 Ton Capacity) |

## **Certifications and Registrations**

- ISO 9001:2015 - ANSI/ISO/ASQ Q9001-2015
- ITAR
- SAM
- NY State Certified Service-Disabled Veteran-Owned Small Business

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**Precision Systems MFG. Inc.**

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