PRECISION SYSTEMS MFG. INC

4855 Executive Drive
Liverpool, NY 13088
www.go-precision.com
(315) 451-3480

EQUIPMENT LIST

CNC HORIZONTAL MILLING

Doosan HP6300			Doosan HP5500		
X-Axis 39.4″	Y-Axis 33.5″	Z-Axis 33.5″	X-Axis 31.0″	Y-Axis 27.0″	Z-Axis 29.0″

CNC VERTICAL MILLING

HAAS VS-1			HAAS VF-5XT		
X-Axis 84.0″	Y-Axis 50.0″	Z-Axis 50.0″	X-Axis 60.0″	Y-Axis 26.0″	Z-Axis 25.0″
HAAS VF-5			**Doosan Mynx 5400**		
X-Axis 50.0″	Y-Axis 26.0″	Z-Axis 25.0″	X-Axis 40.0″	Y-Axis 21.0″	Z-Axis 21.0″

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HAAS VF-4			HAAS VF-1		
X-Axis 50.0”	Y-Axis 20.0”	Z-Axis 25.0”	X-Axis 20.0”	Y-Axis 16.0”	Z-Axis 20.0”
Mori-Seiki SV50-734			**Mori-Seiki Duracenter 5**		
X-Axis 30.0”	Y-Axis 20.0”	Z-Axis 25.0”	X-Axis 20.0”	Y-Axis 30.0”	Z-Axis 25.0”
Okuma Cadet-Mate V4020					
X-Axis 40.0”	Y-Axis 20.0”	Z-Axis 28.0”			

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CNC TURNING

Doosan Puma MX2500

Max Turn Diameter	Max Turn Length	Max Bar Capacity
21.65″	40.16″	3.0″
Twin Spindle	Auto Bar Feed	Full Milling Capability

KIA SKT25

Max Turn Diameter	Max Turn Length	Max Bar Capacity
19.70″	28.30″	3.0″

Mori-Seiki SL-303

Max Turn Diameter	Max Turn Length	Max Bar Capacity
17.0″	24.00″	2.5″

Doosan 2100SY

Max Turn Diameter	Max Turn Length	Max Bar Capacity
16.0″	20.5″	2.6″

Mori-Seiki NL 2500 MC 700

Max Turn Diameter	Max Turn Length	Max Bar Capacity
14.0″	27.70″	3.1″

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EQUIPMENT LIST

CONVENTIONAL MACHINING

Vertical Milling Equipment

6 – Bridgeport J
2- Bridgeport Servo

Turning Equipment

4 – Engine Lathes
Maximum Work Size 24" Dia. X 60" Long

WELDING/FABRICATING DEPARTMENT

WELDING CAPABILITY

AWS + ASME Certified Welders

METAL JOINING PROCESSES

Automatic and Semi-Automatic Welding

Advanced and Multi Process Welders:

- Gas Metal Arc Welding to 455 AMP
- Flux Cored Arc Welding to 455 AMP
- XR Aluma Pro and Cobra Push-Pull Aluminum GMAW
- Gas Tungsten Arc Welding to 355 AMP
- Shielded Metal Arc Welding
- Resistance Spot Welding to 150Kva
- Oxy-Fuel Brazing
- Finite Soldering

INSPECTION

Certified Welding Inspection
(AWS CWI on site)
Hydro Testing to 1,850 PSI WELDING

CODE CERTIFICATIONS

(AWS D1.1, D1.2, D1.3, D1.6, D1.9, D9.1, D17.1)
Ground Combat Vehicle Code- Steel and Alum.
MIL-STD-2219

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EQUIPMENT LIST

LVD Axel 3015 S Laser

X-Axis	Y-Axis	Z-Axis	Max. Material Thickness Steel	Max. Material Thickness Stainless Steel	Max. Material Thickness Aluminum
124″	63″	4″	1.00″	.59″	.50″

STRIPPIT 1000XP CNC Turret Punch Press

23 Ton Capacity
20 Station Turret
2 Auto-Index Stations
Maximum Tool Diameter 3.5″
1/4″ Thick Capability in Mild Steel
48″ x 40″ Blank

HAEGER HP10-A Automatic Hardware Inserter

10 Ton Capacity Automatic Hardware Bowl Feeder

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EQUIPMENT LIST

QUALITY LAB CMM EQUIPMENT

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