



precision machine fabrication

1100 N. New Hope Rd
Raleigh, NC 27610
Ph: 919-231-8648
Fax: 919-231-1183
Web: www.pmfweb.com

Equipment List

SHEARING

52" 10 GA Wysong/with back gauge
10' ¼" Wysong/with auto back gauge

PUNCHING

Amada EM2510 NT Electrical Turret Punch
with CL510 load/unload shuttle system

Amada Apelio III 2510V Punch/Laser Combination
2000 Watt with MP1530 load/unload shuttle system

Amada Vipros 358 punching cell with LA 410H loader
and UL 410H unload pass-through system

Amada Pega 344Q CNC Fabricator

Amada Pega 344Q CNC Fabricator with Auto Index
Strippit 30/30 Manual Fabricator

LASER

Mitsubishi 3015LVP 4,000 Watt Laser w/ 8-shelf
automated loading tower & 2-shelf shuttle unload

Amada Apelio III 2510V Punch/Laser Combination
2000 Watt with MP1530 load/unload shuttle system

Amada 2415 Lasmac Laser 1500 Watt

BENDING/FORMING

55 Ton 8' DiAcro (with Automatic back gauge)
17 Ton 4' DiAcro (with Automatic back gauge)
35 Ton Amada RG35 (with NC9-EX back gauge)
50 Ton Amada RG50 (with NC9-EX back gauge)
80 Ton Amada RG80 (with NC9-EX back gauge) (x4)
100 Ton Amada RG100 (with NC9-EX back gauge)
125 Ton Amada RG125 (with NC9-EX back gauge)
138 Ton FBD III- 1030NT (EXP)
3' Chicago Hand Brake
2' DiAcro Hand Brake

MACHINING

Haas VF2 SS Machining Center

Lagun Vertical Milling Machine w/ Digital readout

Webb Vertical Milling Machine w/ Digital readout

Alliant Milling Machine w/ digital readout

Clausing – Colchester 15" Lathe w/ Digital readout
and multiple attachments

Goodway 14" Lathe

Chevalier II FSG-18 Surface Grinder w/ mag. chuck

Clausing Drill Press

Rockwell Drill Press

Speedycut ST-O Automatic Tapping Machine

Amada Toga Tool Sharpener

WELDING

Miller Syncrowave 250 Tig Welder (Total of 3)

Miller Syncrowave 300 Tig and Stick Welder

Miller Syncrowave 250 DX Tig Welder (Total of 3)

Miller Millermatic 252 Mig Welder

Miller CP-302 Mig Welder

Oxygen/Acetylene Cutting & Brazing Torch

CAP-30 Studwelder

Lors 150 KVA Spot Welder w/ Entron Control

Lors 40 KVA Spot Welder w/ Ultra Welding Control

Federal 40 KVA Spot Welder w/ Entron EN 1000 Control

Motoman Robotics AB –

Motoman MRC Industrial Robot Welder

model: SK16-6 w/ Motoman RM2-250SE2 (Jig Turret)
w/ Daihen Corporation – OTC Turbo Pulse 350 DF
(Interface for Welding Robot) model: E-1984

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DEBURRING

9" Timesavers Deburring Sander
36" Cemco 2000, 36" Deburring Sander
Deburring Edger
Tumbling Barrel
Empire Sandblaster 36 X 48 All Pro Finisher
Belt Grinders
Hand Buffers

INSPECTION EQUIPMENT

ROMER Infinite 2.0 2.4m(8') six axis portable arm
MiniTab Software v. 15
Virtek Laser QC
Slipstick Modem 2400 80" Digital Scale
18" Height Gauge
24" Height Gauge
Starret 36 X 24 Inspection Grade Surface Plate
6", 8", 12", and 24" Dial Calipers
40" Vernier Calipers
Complete Set of Micrometers (0"-4")
Complete Set of Pin Gauges
Complete Set of Gauge Blocks
Spectrophotometer
Paint Adhesion Tester
Coating Thickness
Gloss Meter

PAINT FACILITY

8'x8'x6' Paint Booths (2)
6'x12'x7' Michigan Gas Fired Oven
12'x10'x28' Production Systems Gas Fired Oven
5 Tank Cleaning Process
Ransburg GEMA Power Paint Guns (2)
Wagner E58 Power Paint Guns
Nordson Versa Spray Powder Paint Guns (2)
Silkscreen Layout & Printing
Experience Specializing in Baking Enamels
(Smooth and Texture),
Powder Paint and Silk-screening

MISCELLANEOUS

12" Abrasive Cutoff Saw
Verticut Roll-in Saw
50 Ton Geka Hydracrop 50/s Iron Worker
Pemsarter (2)
DiArco No.1 A Rod Bencher
DiArco 2' Hand Roller
Lucifer 9" x 9" Heat Treat Oven
Autosert Auto Feed Insertion Tool AS-7.5
Chicago Riveter

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ENGINEERING ASSISTANCE

Amada 3-D unfold/CAD-CAM programming system with full .IGS, .DXF, and .DWG file transfer capability

Electronic file transfer capability via modem

Visual Manufacturing software

- fully integrated manufacturing, purchasing, inventory, quality control and accounting windows based system
- real time visibility into work-in-progress
- Gupta SQL base server running on Novell 3.12 network with 25 users

Pro Engineering Uniz parametric engineering modeler

Plus...

An additional 40,000 square foot manufacturing/assembly facility increasing total square footage to 100,000.

