



# *Equipment List*

2500 Walker Ave. N.W.  
Grand Rapids, MI 49544  
Phone: (616)791-0966  
Fax: (616)791-4212

Email: [uniquemodel@uniquemodel.com](mailto:uniquemodel@uniquemodel.com)  
[www.uniquemodel.com](http://www.uniquemodel.com)

## ***Employees***

- Project Managers (4)
- Designers/Programmers (9)
- Quality (1)
- Office (5)
- CMM Technicians (5)
- Fixture Builders (20)
- Welders (2)
- Machine Builders (4)
- Secondary Tooling including Model Makers and prototypes (10)
- Truck Drivers (2)

## ***CAD/CAM***

- Autodesk Mechanical Desktop 6.0
- AutoCAD 2004
- Unigraphics NX3 Package
- SDRC I - DEAS NX11
- Catia V4
- Catia V5

## ***File Types***

- CATIA
- SDRC
- DXF
- DWG
- STL (Stratasys Machine)
- IGES\*
- UG
- STP
- PARASOLID

## ***CNC Department***

- Zimmerman FZ-30 high speed CNC mill
  - Travel range: 120 in. x 94 in. x40 in.
- Tarus CNC mill, digitizer, with MBX-92 controller
  - Travel range: 120 in. x 84 in. x 36 in.
- Tarus CNC mill, digitizer, with MBX-92 controller
  - Travel range: 87 in. x 32 in. x 36 in.

- Zimmerman CNC mill with Fidia digitizer
  - Travel range: 80 in. x 40 in. x 40 in.
- Tarus (3+2) HS 8412 CNC Mill with Selca controller
  - Travel range: 120 in. x 114 in. x 44 in.
- Matsuura MC-600VF with Yasnac 100 controller
  - Travel range: 20 in x 20 in. x 16 in.
- I.M. Parpas CNC Universal Mill with Fidia controller
  - Travel range: 142 in. x 58 in. x 40 in.
- Droop & Rein CNC Boring Mill with Selca controller
  - Travel range: 200 in. x 132 in. x 100 in.
- Droop & Rein CNC Mill with Fidia M2 controller
  - Travel range: 80 in. x 40 in. x 40 in.
- Haas VF-3 CNC mill with Haas controller
  - Travel range: 40 in x 20 in. x 20 in.
- Atrump E526 with Centroid controller
  - Travel range: 52in. x 28 in. x 20 in.
- Stewart 15 ton hoist
- Wolverine 11/7.5 ton (2 hoist)

### ***Wire EDM Machine***

- Charmilles Wire EDM
  - Travel range: 9.5 in. x 16.5 in.

### ***CMM'S***

All CMM machines use PC-DMIS Software

- Mitutoyo CHN-1612-40 DCC (2)
  - Travel range: 120 in. x 60 in. x 48 in.
- Mitutoyo CHN-1208 DCC
  - Travel range: 80 in. x 48 in. x 32 in.

- Mitutoyo B231
  - Travel range: 28 in. x 24 in. x 18 in.
- Brown & Sharp Image DCC
  - Travel range: 78 in. x 35 in x 32 in.
- XCEL
  - Travel range: 78 in. x 47 in x 40 in.
- 12 Foot Titanium Faro Arm

### ***Grinders & Sanders***

- Kent surface grinders (2)
  - 6 in. x 18 in.
- Master disc sander (3)
  - 24 in.
- State disc sander
  - 24 in.
- State spindle sander
- Powermatic disc sander
  - 12 in.
- PS-1 Zimmerman profile sander

### ***Lathes***

- 22 in. Gap Bed Yam lathe with digital readout
- 14 in. Birmingham lathe with digital readout
- 11 in. Enco metal lathe

### ***Material Handling Equipment***

- 10,000 lbs. Clark hilo
- 5,000 lbs. Nissan hilo
- 5,000 lbs. Hyster hilo
- Hoists with a capacity up to 15 Tons

### ***Mills & Drills***

- Acer vertical mills with digital readouts & power feeds (3)
- Bridgeport series 1 mills with digital readouts and power feeds (3)
- Index 837 mill with digital readouts and power feeds
- Index 847 mill with digital readouts and power feeds
- Super max mill with digital readouts & power feeds

- Gray Horizontal/vertical mill
  - 42 in x 206" x 36"
- Cyclematic drill press (4)
- Rockwell Turner drill press (3)
- Atrump Mill with digital readouts

### ***Rapid Prototyping***

- Stratasys FDM 1650 Rapid Prototyping Machine
  - Size: 10 in. x 10 in. x 10 in.
- Stratasys FDM 8000 Rapid Prototyping Machine
  - Size: 18 in. x 18 in. x 26 in.

### ***Surface Plates***

- Granite Surface Plates ranging from 36in. x 48 in. x 4 in. to 116in. x 101 in. x 12in. (35)

### ***Wood Shop Equipment***

- Index Mill/Router
- Master Spindle Sander
- Zimmerman Belt Sander
- State Belt Sander
- Reliant Stone Grinder
- Porter Jointer
- Powermatic Thickness Planer
- Powermatic Tablesaw
- Kindy Collins Disc Sander
- Powermatic Bandsaw
- Craftman Radial Arm Saw
- Moak Bandsaw
- Lincoln Drill Press
- Meber SR800 Band Saw
- ACRA Drill Press

### ***Welding Department***

- Miller Syncrowave 250 Tig Welder
- Millermatic 250 Welder
- Millermatic 200 Welder
- Powermatic 12" Disc Sander
- Hyperthrem Powermax 800 Plasma Torch
- Hyperthrem Powermax 1100 Plasma Torch

### ***Vehicles***

- 1999 Ford F-150
- 2005 Ford F-150
- 1999 Volvo Semi
- 2000 Ford F-450

### ***Building***

- 49,000 square feet of building
- 43,000 square feet of floor space
- 6,000 square feet of office
- 27,000 square foot storage facility

### ***Internet***

<http://www.uniquemodel.com>

### ***E-Mail***

[uniquemodel@uniquemodel.com](mailto:uniquemodel@uniquemodel.com) 25MEG mailbox

### ***FTP***

Address [FTP.uniquemodel.com](ftp://FTP.uniquemodel.com) Call for access