



50600 Corporate Dr. • Shelby Twp., MI 48315 • Phone (586)726-5756 Fax (586)726-5755

FIXTURES • GAUGES • MACHINES

## Equipment List

| CNC Machines              | X Axis (in) | Y Axis (in) | Z Axis (in) | Control Software | Capabilities                         |
|---------------------------|-------------|-------------|-------------|------------------|--------------------------------------|
| Tarus CNC Gantry Mill     | 540         | 180         | 84          | Fidia C20        | 5 Axis Contouring Milling            |
| Tarus CNC High Speed Mill | 120         | 100         | 50          | TPI 2000         | 3/2 Axis Contouring Milling          |
| Tarus CNC High Speed Mill | 120         | 114         | 44          | TPI 2000         | 3/2 Axis Contouring Milling          |
| Vision Wide VF-3000       | 125         | 90          | 50          | Fanuc OiMD       | 3 Axis Contouring Milling            |
| Vision Wide NF-5223       | 210         | 90          | 60          | 31i-A5           | 3 Axis Contouring Milling            |
| Vision Wide SF-2116       | 82          | 63          | 32          | Fanuc OiMF       | 3 Axis Contouring Milling            |
| CNC Machining Centers     | X Axis (in) | Y Axis (in) | Z Axis (in) | Control          | Capabilities                         |
| High Speed CNC Fadal      | 65          | 35          | 35          | GE Fanuc 18i-MB5 | 3 Axis w/ 24 Pos. Auto. Tool Changer |
| High Speed CNC Fadal      | 65          | 35          | 35          | Siemens          | 3 Axis w/ 32 Pos. Auto. Tool Changer |
| High Speed CNC Fadal      | 40          | 20          | 20          | GE Fanuc 18i-MB5 | 3 Axis w/ 24 Pos. Auto. Tool Changer |
| Leadwell MCV-2000i        | 80          | 40          | 28          | Fanuc OiMF       | 3 Axis Contouring Milling            |
| Doosan DVF-8000           | 35.4        | 39.3        | 26.9        | Fanuc 31i-MB5    | 5 Axis Contouring Milling            |

### Weld / Fabrication

|   |
|---|
| (1) AWS Certified Welding Inspector                                       |
| (3) Certified Welders / Operators   |
| (6) Miller Dynasty 700 Tig Welders  |
| (1) Miller Syncrowave 350   |
| (3) Miller Axxess 450 Mig Welders   |
| (1) Miller Phoenix 456 CC/CV Welding Power Source                         |
| (2) Millermatic 350P-AL Mig Welders                                       |
| (3) Lincoln Electric Powerwave 455 M Welding Power Source                 |
| (2) Hypertherm Plasma Cutters up to 1 1/2 inch Cutting Capacity           |
| (2) Oxygen/Acetylene Cutting Torches with up to 3 inches Cutting Capacity |
| (1) Vibratory Stress Relief Machine                                       |
| (3) Press Brakes (100 ton & 200 ton capacity)                             |

### General Machining (Reference Only)

|   |
|---|
| (2) Lathes, (3) Radial Arm Drill Presses, (1) Devlieg Boring Mill (X=48", Y=72", Z=36"), Acer CNC E-Mill (1), |
| (2) Surface Grinders, (2) OD Grinders, (1) Jig Grinder, (12) Bridgeports                                      |

| Inspection Equipment     | X Axis (in) | Y Axis (in) | Z Axis (in) | Software      | Capabilities             |
|--------------------------|-------------|-------------|-------------|---------------|--------------------------|
| 1.- Faro Laser Tracker   | Unlimited   | Unlimited   | Unlimited   | Verisurf 2022 | Portable                 |
| 2.- Faro Laser Tracker   | Unlimited   | Unlimited   | Unlimited   | Verisurf 2022 | Portable                 |
| 3.- Faro Laser Tracker   | Unlimited   | Unlimited   | Unlimited   | Verisurf 2022 | Portable                 |
| Faro Prime 4ft Arm       | 48          | 48          | 48          | Verisurf 2022 | Portable                 |
| Tarus Cantilever CMM # 3 | 96          | 60          | 48          | Verisurf 2022 | Single Column Inspection |

### Program CAD/Machine Shop Software

|                   |         |
|-------------------|---------|
| Gibbs NC Software | 3 Seats |
| UG NX 12.0        | 1 Seat  |
| CATIA V5 R21- R29 | 7 Seats |
| Work NC 2021      | 3 Seats |