



15363 E. Twelve Mile Road – Roseville, Mi. 48066-1834
(586) 776-0700 – Fax (586) 776-2211

Machinery and Equipment List

Software

- (2) Master Cam Mill 18 Full 3D X18 CNC Program Software
- (8) Master Cam X18 Design Program Software
- (1) Master Cam Wire Version X18 Software
- (2) Work NC Automatic CAM Full License
- (2) Cimatron Edesigner Solutions

CNC Machining

- (1) Haas 750um 5-axis CNC
- (1) Makino F5 Vertical Machining Center
- (1) YCM DCV-3016B Double Column Vertical Machining Center
- (1) YCM NTV 158B Vertical Milling Machine
- (1) Haas VF-2 Vertical Machining Center
- (1) Haas EC-1600 Horizontal Machining Center
- (1) 4525 Fadal CNC Machining Center w/ 24 Tool Changer & High Speed Siemens Control
- (5) Acer EVS E-Mills with Acu-rite 3 Axis CNC Control
- (1) Baby Brute CNC Machining Center w/ 16 Tool Changer & High Speed Selca Control

MACHINING

- (2) Bridgeport Vertical Milling Machines with Digital Readouts
- (1) Devlieg Spiramatic Jig Mill, Model 43k72 Boring Mill
- (1) Turn Master 17" Dia. X 60" Lathe

PRECISION GRINDING

- (3) Harig Super 612 Surface Grinders
- (1) Okamoto Linear 618 Hydraulic Surface Grinder
- (1) Okamoto Linear 16-32 Wet Grinder
- (1) Parker Majestic 618 2Z Surface Grinder

E.D.M.

- (1) Makino DUO64 High Speed Wire EDM
- (1) Makino EDNC-G5S CNC EDM
- (1) Maxicut M-26 Manual EDM Fast Hole Machine
- (1) Charmilles Robo Form 30 CNC EDM
- (1) Charmilles Form 20A EDM Machine
- (1) Charmilles 290P Automatic Wire EDM

DRILLING

- (1) Carlton 6' Radial Drill
- (1) Portable Magnetic Drill
- (1) Westhoff Horizontal Drilling Unit

SAWING

- (1) Roll & Saw Vertical Metal Cutting Band Saw
- (1) Wells Column Type Horizontal Band Saw
- (1) Wen 14" Band Saw

INSPECTION

- (1) Baty Gage Master 18" Shadowgraph
- (1) Gage Pin Set From .011"Dia. to 1.00"Dia.
- (1) Height Scriber 24"
- (1) Micrometer Set From 1" To 14"
- (1) Mitutoyo Height Gage 12"
- (1) Mitutoyo Height Gage 18" Height Master
- (4) Precision Gage Block Sets
- (1) Telecheck 12" Height Master W 12" Riser
- (1) Vernier Calipers 48"

WELDING

- (1) Acetylene Gas Welder
- (1) Miller Syncrowave 351 Welder

MATERIAL HANDLING

- (2) 20/10 Ton Detroit Hoists
- (1) 12 Ton Wright Hoist
- (1) 5 Ton Demag Hoist
- (2) 2 Ton Hoists
- (3) 5 Ton Konecrane Hoists
- (1) 2005 Intl Stake Truck
- (1) 2014 Intl Stake Truck

- (1) Big Joe
- (1) Caterpillar Hi-Lo 15000#
- (1) Scissor Lift
- (1) TJC Portable Floor Crane & Boom

GENERAL

- (1) Dayton 8" Bench Grinder
- (1) Deckel Cutter Grinder
- (1) Delta 8" Bench Grinder
- (5) Granite Surface Plates 12" X 18" To 24" X 36"
- (1) Kaeser AS30 Air Center Air Compressor
- (1) Kaeser Sm-II 10hp Rotary Screw Air Compressor
- (2) Mobile Granite Surface Plate 24" X 36"
- (1) Dayton 20" Disk Sander
- (9) Precision Vises
- (1) Safety Clean Solvent Tank - 80 Gallon
- (2) Torit Dust Collectors
- (1) Trinco Dryblast Sand Blaster 24" X 36"
- (1) Vandorn 10" Bench Grinder

INJECTION MOLDING

170 Ton Van Dorn with 2500 Controller

- (1) Thoreson Mc Cosh Desiccant Dryer With (2) 100 Pound Hoppers
- (1) Sentra 2000 Temperature Controllers
- (1) Pets PHRS Temperature Controller
- (1) DME SSM-15-12 Temperature Controller
- (1) HYD Valve Gate Controller