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MACHINERY AND EQUIPMENT LIST

CAD CAM

- (2) Master Cam Mill 7.2 Full 3D X5 CNC Program Software
- (5) Master Cam Full CNC X5 Program Software
- (1) Work NC Automatic CAM Full License
- (1) Auto Cad Mechanical Desktop Version 2009
- (1) Master Cam Wire Version X5 Software
- (1) HP Designjet 44" Color Plotter
- (1) Autodesk Product Design Suite Ultimate 2012
- (1) Alienware 2.8 ghz I7 core Intel processor, 12 gb ram w/64 bit Windows 7 Professional
- (2) Alienware 3.2ghz I7 core Intel processor, 12 gb ram w/64 bit Windows 7 Professional
- (1) Dell Precision 3.0 ghz Intel Core Duo processor, 4 gb ram w/ 32 bit Windows XP Professional
- (1) Dell Precision 2.4 ghz Intel Quad Core processor, 2 gb ram w/ 32 bit Windows XP Professional
- (1) Dell Precision 2.4 ghz Intel Quad Core processor, 4 gb ram w/ 32 bit Windows XP Professional
- (1) Gateway E-6000 3.0 ghz Intel Pentium 4 Processor, 1 gb ram w/ 32 bit Windows XP Professional
- (1) Hp Deskjet 1120c Inkjet Printer

CNC MACHINING

- (1) Phoenix Milling Machines 44 X 120 20,000#
 - (1) Nsk High Speed 30,000 Rpm Air Spindle
- (1) YCM DCV-3016B Double Column Vertical Machining Center
- (1) Makino F5 Vertical Machining Center
- (1) Defiance CVC Graphite Machining Center
- (1) CNC Machining Center 4020 Fadal W / 21 Tool Changer
- (1) CNC Machining Center Baby Brute W/ 16 Tool Changer & High Speed Selca Control
- (1) CNC Machining Center 4828 Brute W/ 24 Tool Changer, High Speed Selca Control & Arcade 30,000-Rpm Air Spindle Liquid Cooled
- (1) CNC Machining Center 4525 Fadal W/ 24 Tool Changer & High Speed Siemens Control
- (2) Bridgeport Vertical Milling Machines With Acu-Rite 3 Axis CNC Control
- (2) Pentium 100 Computer Dnc Converter W/Multi Dnc Software

MACHINING

- (3) Bridgeport Vertical Milling Machines with Digital Readouts
- (3) Alliant Vertical Milling Machines With Digital Readouts
- (3) Troyke Cross Slide Rotary Tables
- (1) Turn Master 17" Dia. X 60" Lathe
- (1) Devlieg Sprismatic Jig Mill, Model 43k72

PRECISION GRINDING

- (3) Harig Super 612 Surface Grinders
- (1) Okamoto Linear 618 Hydraulic Surface Grinder
- (1) Okamoto Linear 16-32 Wet Grinder
- (3) Rotary Grinding Fixtures
- (1) Rotary Grinding Fixture Motorized
- (3) Radius Dressers
- (1) High Speed Grinding Attachment
- (3) Whirley Suburban Master Grind
- (1) Jiffy Air Profiler W/ Freedom Motor
- (2) Pedestal Grinders
- (1) 6" Magnetic Cylinder Square

E.D.M.

- (1) Charmilles Hd 8 Small Hole EDM Drilling Machine 2000
- (1) Charmilles Form 20a Manual EDM Machine 2000
- (1) Charmilles 290p Automatic Wire Thread & Chiller 2000
- (1) Charmilles Robo Form 30 CNC EDM 1997
- (1) Elox 20" X 30" EDM
- (1) Erm 60 Amp Dual Power Supply
- (1) Makino DUO64 High Speed Wire EDM
- (1) Makino EDNC-G5S CNC EDM

DRILLING

- (1) Cincinnati Bickford 6'x 5' Radial Drill
- (1) Westhoff Horizontal Drilling Unit
- (1) Drill Sharpener

SAWING

- (1) Milwaukee 14" Cut Off Saw
- (1) Kysor Johnson Horizontal Metal Cutting Band Saw
- (1) Roll & Saw Vertical Metal Cutting Band Saw
- (1) Rigid 10" Vertical Metal Cutting Band Saw

INSPECTION

- (1) Gage Pin Set From .011"Dia. to 1.00"Dia.

- (1) Mitutoyo Height Gage 18" Height Master
- (1) Mitutoyo Height Gage 12"
- (1) Bathy Gage Master 18" Shadowgraph
- (1) Micrometer Set From 1" To 14"
- (4) Precision Gage Block Sets
- (1) Height Scriber 24"
- (1) Vernier Calipers 48"
- (1) Telecheck 12" Height Master W 12" Riser

SPOTTING

- (1) 150 Ton Spotting Press 62 X 77 - 109 Max Opening
- (1) Reis TUX180 OKS-200 Spotting Press 194 Max Opening

MATERIAL HANDLING

- (1) 12 Ton Wright Hoist
- (1) 5 Ton Demag Hoist
- (2) 20/10 Ton CRB Hoists
- (1) Big Joe
- (1) Caterpillar Hi-Lo 15000#
- (1) 2008 F550 Ford Stake Truck
- (1) 2005 Intl Stake Truck

WELDING

- (1) Miller Syncrowave 351 Welder
- (1) Miller 330a-Bp Heliarc
- (1) Miller 225v Ac Arc Welder
- (1) Acetylene Gas Welder

GENERAL

- (1) Delta 8" Bench Grinder
- (1) Kaeser Sml 10hp Rotary Screw Air Compressor
- (1) Dayton Speedaire 5 Hp Air Compressor
- (1) Safety Clean Solvent Tank - 80 Gallon
- (1) Trinco Dryblast Sand Blaster 24" X 36"
- (1) Deckel Cutter Grinder
- (2) Torit Dust Collectors
- (9) Precision Vises
- (1) Powermatic Belt and Disk Sander
- (1) Vandorn 10" Bench Grinder
- (1) Dayton 8" Bench Grinder
- (1) Mobile Granite Surface Plate 24" X 36"
- (5) Granite Surface Plates 12" X 18" To 24" X 36"
- (1) Bridgeport Boring Bar
- (1) Gamet Boring Bar
- (1) Quill Master Universal Head Attachment
- (1) Bridgeport Right Angle Attachment

INJECTION MOLDING

- 170 Ton Van Dorn

150 Ton Toyo Plastar Tm Molding Machine
2500 Controller With Spc
Thoreson Mc Cosh Desiccant Dryer With (2) 100 Pound Hoppers
(1) Marley Water Tower
(2) Sentra 2000 Temperature Controllers

DATA TRANSFER

Data Types Supported

- 3d Catia V4 / 4.1x And 4.2x *.Model And .Exp
- 3d Iges / 4.0, 5.2, And 5.3 *.Igs, *.Iges
- 3d Step / Ap203 *.Stp, *.Step
- 3d Parasolid / Up To 14 *X_T And Xmt_Txt
- 3d Acis / Up To 8.0 *.Sat
- 3d Hoops Stream Format *.Hsf
- 3d Pro/E */ 17 To 2000i2 *.Prt
- Autocad Mech 5.0 .Dwg
- Master Cam Up To .Mc9
- Expert Cad .3d

- 1) 4mm Dat Tape Drives
Tar Format
- 2) Modem (586) 776-2442 Procomm Plus
- 3) E Mail Tri-waydata01@tri-waymold.com
- 4) Zip 100 Mb Disk
- 5) Cd Rom