



TECHNOLOGIES, LLC

EQUIPMENT LIST

05-26-09

Tooling Division

A. Quality Assurance Department

- 2 * Brown & Sharpe Coordinate Measuring Machines
- 1 * Sheffield 1808 Coordinate Measuring Machine
- 1 * MicroVu Model H-14 14" Optical Comparator
- 1 * MicroVu Inc. Optical Comparator (10")
- 2 * 24"x36" Black Granite Surface Plate
- 1 * Antorik Service Hardness Tester
- 1 * Heimann X-Ray Machine
- 2 * Mitutoyo Digital Height Gages
- 1 * Fisher Scientific Microscope
- 1 * Hewlett Packard DeskJet Plotter
- 2 * Pentium PC Computers
- Miscellaneous Gauges, Height Gauges, Calipers, Etc.

B. Rapid Prototyping Department

- 6 * 3D Systems iPro Stereolithography Rapid Prototyping Centers
- 2 * 3D Systems 5000 Stereolithography Rapid Prototyping Apparatus
- 1 * 3D Systems 3500 Stereolithography Rapid Prototyping Apparatus
- 6 * 3D Systems 250/50 Stereolithography Rapid Prototyping Apparatus Solid State Systems
- 1 * 3D Systems ThermoJet Solid Object Printer
- 1 * PCA Pro Cure 750 Stereolithography Post Curing Apparatus
- 1 * PCA 5000 Stereolithography Post Curing Apparatus
- 1 * PCA 3500 Stereolithography Post Curing Apparatus
- 5 * PCA 250 Post Curing Apparatus
- 1 * Extra Vat for 5000 Stereolithography Rapid Prototyping Apparatus
- 2 * Extra Vats for 3500 Stereolithography Rapid Prototyping Apparatus
- 1 * Extra Vat for 250 Stereolithography Rapid Prototyping Apparatus
- 3 * Ultraviolet/Visible Stereolithography Spot Cure Systems
- 3 * Matrix – UPS 3000 Backup Power Supplies
- 2 * Matrix – UPS 5000 Backup Power Supplies
- 1 * APC Symmetra Power Array Backup Power Supply
- 3 * APC Smart – UPS 2200 Backup Power Supplies
- 1 * APC Smart – UPS 2200 X2 Backup Power Supply
- 1 * Powerware 9 120 Backup Power Supply
- 1 * Topaz Power Conditioner
- 1 * 3030 SS Vapor Blast Honing Machine
- 2 * VBLH 2820 SS Vapor Blast Honing Machines
- 1 * Econoline Bead Blast Station
- 1 * Trinco Dry Blast Cabinet with Collection System
- 1 * Vorti- Sin SLS Break Out Station
- 1 * Donaldson Torit Vacuum System

B. Rapid Prototyping Department (continued)

- 1 * Torit Downflo Dust Collector
- 1 * Jet DC-650A Dust Collector
- 1 * 20"x40" Delta Downdraft Table
- 1 * SAS ¾hp. Vacuum/Pressure Pump
- 3 * External Vented Paint Booths
- 1 * Air Flow System Down Draft Paint Booth with Filtering System
- 1 * Fire Proof Paint Cabinet
- 1 * Grieve Industrial SLA Oven
- 1 * Lindberg Blue Industrial SLA Oven
- 1 * Fisher Scientific Industrial SLA Oven
- 1 * Ramco Ultrasonic SLA Migi-Kleen System
- 1 * Cyclone Agitation SLA Tank Washer
- 2 * Dynetics Electro Chemical SLA Deburring Systems
- 4 * Branson B-32 Ultrasonic SLA Cleaners
- 2 * Graymills Agitation SLA Tank Washers
- 1 * Detrex Agitation SLA Tank Washer
- 1 * 10HP Campbell Hausfeld Air Compressor
- 1 * Silvan Industries 300 Gallon Air Storage Tank
- 1 * Pioneer R200A Refrigerant Air Dryer
- 1 * Minuteman 105 HEPA Filter Vacuum
- 2 * Merlin M100 Chillers
- 1 * Nordson SLS Powder Transfer Machine
- 1 * Husky SLS Powder Mixer
- 2 * Rexarc N2 Manifold Controls
- 1 * 14" Enco Bandsaw
- 1 * 4" Belt Sander
- 1 * 8" GMC Sharpener
- 12 * 24" x 36" Granite Work Tables
- 1 * Sohacki Industries .750 Steel Table
- 1 * Wesco 8' Lift Platform
- 1 * 12"x18" Granite Table
- 1 * 24"x24" Granite Table
- 1 * 3'x4' Granite Table
- 2 * 2'x4' Stainless Steel Roll-around Tables
- 1 * Dust Dog Air Filtration System
- 1 * JDS Air-Tech 2400 Dust Filtration System
- 4 * Jet AFS-1000 Air Filtration Systems
- 1 * Delta O2 Analyzer
- 6 * Various Brand Dehumidifiers
- 2 * Windchaser Portable Air Conditioners
- 1 * Porter-Cable Shop Vac
- 3 * Digital LED Scrolling Signs
- 1 * Industrial Electronic Scale
- 2 * 12" Digital Height Gage
- 1 * 24" Digital Height Gage
- 1 * Presto B852 12 Volt Die Lift (SLA)
- 5 * Pentium Work Stations Running Various Cad Cam Software
- Miscellaneous Hand Tools, Grinders, Painting Accessories, Etc.

C. Machine Department

- 3 * Haas SL20 CNC Turning Centers
- 1 * Haas VFO 4 Axis CNC Machine Center
- 2 * Haas VF2 CNC Machine Centers
- 1 * Haas Super Mini Mill High Speed 4 Axis CNC Machine Center
- 2 * Haas Super Mini Mill High Speed CNC Machine Center
- 1 * Haas Servo Bar 300 CNC Bar Feeder

C. Machine Department (continued)

- 1 * Bridgeport Torq Cut 22 4 Axis CNC Machine Center
- 1 * Mitsubishi CNC Machining Center (Dyna Myte 4500)
- 2 * Bridgeport CNC Milling Machines (V2XT)
- 8 * 9"x49" Conventional Milling Machines with 3 Axis Readouts
- 2 * 16"x40" Turn Pro Lathes with Readouts
- 1 * Bridgeport Japax Wire EDM
- 1 * Moore Jig Bore
- 1 * Boyar-Schultz 6"x12" Challenger Surface Grinder
- 1 * Powermatic 3 Spindle Production Table Drill Press
- 1 * Jet Vertical Bandsaw VBS350
- 1 * Kalamazoo H9AW Band Saw ssn/20440
- 2 * Baldor Cutter Grinders
- 1 * #4 Universal Tool & Cutter Grinder with Attachments
- 1 * Automatic Spin Grinding Fixture
- 1 * 10 Ton Hydraulic Press
- 1 * Heat Treat Oven
- 1 * Vacuum Assist Chuck
- 1 * Modave Granite Table 18x12
- 4 * Jet AFS-1000 Air Filtration Systems
- 2 * JDS Air-Tech 2400 Dust Filtration Systems
- 1 * Quincy 50hp Air Compressor Quincy
- 1 * Permea Air Dryer
- 1 * Champion 25hp Air Compressor
- 1 * 15hp Air Compressor
- 11 * Lista Tool Storage Cabinets
- 4 * Lista Mobile Computer Cabinets
- 1 * SP-5750 Speedy Packer Foam-In-Bag Packaging System
- 5 * Pentium PC's Running Various Cad Cam Software
- Miscellaneous Tooling: Vices, Sine Plates, Angle Plates, Tapping Heads, Etc.
- Assorted Cutters: Plain & Form, Holders, Rotary Tables, Etc.

Casting Division

D. Pattern Tooling

- 2 * 20" Disc Sanders
- 2 * 10" Jet Table Saws
- 1 * 20" Work-O-Matic Band Saw
- 1 * DoAll 20" Metal Cutting Saw
- 1 * Delta 16" Band Saw
- 1 * DeWalt Radial Arm Saw
- 1 * 12" Portable Wood Planer
- 1 * Fluid Automation Inc. Rubber Dispensing System with Cleaner
- 1 * Rockwell 15 Drill Press
- 1 * Max 24" Orbital Sander
- 1 * State Model B-4 Spindle Sander
- 1 * Vacuum Chamfer
- 1 * 5hp Vacuum Pump
- 1 * 1hp Vacuum Pump
- 3 * 4'x8' PRESTO 4000 lb Hydraulic Lift Work Tables
- 2 * 2'x3' Granite Tables
- 1 * Starret 4x6 Granite Table
- 1 * Am Cells 97120 Scale
- 3 * 4x5 Stainless Tool Storage Cabinets
- 1 * Donaldson 3Hp Dust Collection System
- 1 * Dust Vent 6x4 Downdraft Table

D. Pattern Tooling (continued)

- 1 * Mettler Toledo Digital Scale
- 2 * JDS Air Tech 2400 Air Filtration Systems
- 1 * Big Cat Mixer
- 1 * 40" Arm Radial Arm Router
- 1 * Innovative Polymers Inc. Vacuum Chamber
- Various Wood Working Equipment, Miscellaneous Hand Tools, Etc.

E. Urethane Casting Department

- 3 * MCP001 Plastic Urethane Vacuum Casting Systems
- 3 * MCP004 Plastic Urethane Vacuum Casting System
- 1 * MCP4 Plastic Urethane Vacuum Casting Machine
- 1 * Multiflow Meter, Mix, & Dispense Machine for Plastic Urethanes
- 1 * Fluid Automation Inc. Rubber Dispensing System with Cleaner
- 1 * Plastic Urethane Casting Pressure Dispenser
- 2 * MCP Small Ovens
- 3 * MCP Large Ovens
- 2 * VG0 Drying Chambers
- 3 * Urethane Casting Pressure Vessels
- 1 * Gas Vac II Vacuum Chamber
- 1 * Hero 2000 Series Colorant Dispenser
- 2 * Oahu's Scales
- 1 * Sterling Scale
- 1 * Cardinal 4000 gram Digital Scale
- 1 * Hardinge Truet Lathe
- 1 * Lin Huan Truet Lathe
- 1 * Reid Precision Surface Grinder
- 1 * Powermatic 19" Vertical Band Saw
- 1 * Craftsman 12" Vertical Band Saw
- 1 * Kalamazoo 8-16" Horizontal Band Saw
- 1 * Rockwell 10" Table Saw
- 1 * DeWalt Miter Saw 12 inch and Stand
- 1 * Cal Hawk 22 mm Drill Press
- 1 * 20" Wood Planer
- 1 * 8" Joiner
- 1 * 20" Disk Sander
- 1 * Vertical Belt Sander
- 1 * Oscillating Spindle Sander
- 1 * Lobo Dust Collector System
- 1 * Thor Bench Grinder
- 3 * 4' x 8" Work Tables
- 1 * Presto 1000 lb. Electric Lift Table
- 1 * Wesco Mechanical Lift Table
- 1 * Nissan 3000 lb Electric Forklift and Charger
- 1 * Engine Hoist
- 1 * Ingersoll-Rand T30 15hp Compressor
- 1 * Campbell Hausfeld Air Compressor 10hp
- 1 * Thermal Transfer Air Dryer
- 1 * Torch Set
- 1 * Ohm Temp Drum Heater
- 1 * Pentium PC Running Various Cad Cam Software
- Miscellaneous Hand Tools, Vacuum Assisted Accessories, Pressure Pots, Electrical Supplies, Etc.

F. Molding Department

- 2 * 120" x 84" x 96" Fully Automatic Recirculating Drying Ovens
- 4 * 108" x 96" x 72" Precision Quincy Automatic Recirculating Ovens
- 1 * Hoge-Warren-Zimmerman Continuous Plaster Mixing Station
- 2 * Semi-Auto Plaster Mixing Machines
- 1 * Dual Plaster Mixing Station
- 2 * Toledo Scales
- 1 * 5hp Vacuum Lift System
- 8 * 4'x8' Molding Tables
- 2 * Lee XL48 3'x5' Scissor Lift Tables – 2000 lb
- 3 * Presto X536 Scissor Lift Tables
- 1 * Southworth LS260 2'X5" Scissor Lift Table – 2000 lb
- 1 * 10" Table Saw
- 2 * 5000lb Fork Trucks
- 1 * Portable Air Compressor
- Molding Frames (Assorted Sizes)
- Miscellaneous Hand Tools, Clamps, Plaster Sprayers, Mold Pulling Tools, Etc.

G. Metal Casting Department

- 1 * 400lb Johnston Automatic Melting and Holding Furnace
- 1 * 200lb Automatic Melting and Holding Furnace
- 1 * 300lb Lindburg Automatic Melting and Holding Furnace
- 1 * Morganite Natural Gas Melting Furnace
- 1 * Speedy-Melt Model VB-30 Natural Gas Melting Furnace
- 8 * 26"x96" Tilt and Pour Vacuum Casting Tables
- 2 * 32"x96" Tilt and Pour Vacuum Casting Tables
- 3 * 75 cu. ft. Vacuum Pumps
- 1 * Foseco Mobile Degassing Unit
- 1 * 4'x4' Vibrating Shake Out Machine
- 1 * DTM Laser Form Heat Treat Oven
- 2 * Mold Prepping Tables
- 4 * Mold Cleaning Stations
- 2 * Carver Sand Mixers
- 1 * Shake Out Conveyor Table
- 1 * Gruenberg Electric Heat Treat Oven
- 1 * Blue Diamond Kiln
- 1 * Peterson Bake Clean Oven
- 2 * American Metal Wash Automatic Parts Washing Machines
- 1 * 3'x4' Wet Blast Cabinet
- 1 * Graymills Agitation Tank Washer
- 3 * 16" Vertical Band Saws
- 1 * Roll-in Cutoff Saw
- 1 * DeWalt Cutoff Saw
- 1 * 2'x3' Lift Table
- 1 * Presto Electric Lift Table
- 1 * Bishanon Rotating High Lift Table
- 2 * Roll-A-Lift Machine Movers 3000 lbs.
- 4 * 4' Floor Fans
- 3 * JE Adams Aqua Breeze Fogger Fans
- 2 * PortaCool Fan Foggers
- 3 * MEE Fog Systems 700 400 500
- 1 * Amco Fog System Model 270
- 1 * '96 Ford Dump Truck

H. Trim & Finishing Department

- 3 * 24"x30" Inspection Plates

H. Trim & Finishing Department (continued)

- 10 * 30"x60" Work Tables
- 10 * Sets Miscellaneous Electric and Air Power Hand Grinders
- 1 * Vacuum Impregnation Tank
- 1 * Blast-It-All Bead Blaster with Dust Collector
- 1 * 6 cu. ft. Pangborn Rotoblast 6GN-1R36 Blast System
- 1 * 1.5 cu. ft. Gibson Tumble Blast System
- 1 * Peterson Airless Shot Blasting Machine
- 1 * Burr Bench 7' Bowl Wheel-A-Brator
- 1 * Roto Finish Model 29971 Compound Solution System
- 1 * 6"x148" Porter-Cable Belt Grinder
- 3 * 3"x184" Belt Grinders
- 1 * 10' Stand Up Bench Grinder
- 1 * Rollin Band Saw
- 2 * Lincoln Heli-Arc Welders Complete with Welding Booth
- 1 * Lincoln Tig Welder (SWT) 275
- 1 * Portable Welder
- 1 * HK Porter-Cable Cutter and Hydraulic Pump
- 1 * All Purpose Bender
- 2 * Sets Acetylene Cutting Torches
- 1 * Alkota Steam Cleaner
- 2 * JDS Air Tech 2000 Air Filtration Systems
- 1 * Digital LED Scrolling Sign
- 2 * Ford Delivery Trucks
- Various Straightening Fixtures, Hand Tools, Measuring Equipment, Etc.

I. Facilities

Manufacturing & Warehouse	32150 Square Feet
Office	2400 Square Feet