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Facilities List

Cutting:

- (1) Flow I-6012 Integrated Flying Bridge (6' x 12' Cutting Area) w/ 6 Cutting Heads
- (1) EBBCO Closed Loop Filtration System
- (2) C-Frame Freeman Schwabe 50 Ton Hydraulic Die Cutting Presses
- (2) C-Frame Freeman Schwabe 30 Ton Hydraulic Die Cutting Presses
- (1) ATOM SE25L 25 Ton Hydraulic Die Cutting Press
- (1) Freeman Schwabe 10 Ton Hydraulic Die Cutting Press
- (1) ATOM EASY222 Flashcutter (24" x 40" Cutting Area)



Molding:

- (1) Boy 55E Injection/Liquid Injection Automated Molding System (12" x 12" Platens)
- (1) Fluid Automation 5 Gallon Meter Mix Machine
- (1) 475 Ton Compression Molding Press (30" x 30" Platens)
- (1) EMPCO 154 Ton Vacuum Compression Molding Press (40" x 40" Platens) with Shuttle Table
- (1) Wabash 150 Ton Compression Molding Press (36" x 24" Platens)
- (1) Wabash 75 Ton Compression Molding Press (24" x 18" Platens)
- (1) Accudyne 75 Ton Vacuum Compression Molding Press (28" x 28" Platens)
- (1) Hull 50 Ton Transfer Molding Press with Shuttle Table
- (1) Hull 30 Ton Transfer Molding Press
- (1) Wabash 30 Ton Compression Molding Press (12" x 12" Platens)
- (3) 16 Ton Compression Molding Press (12" x 12" Platens)
- (2) Vulcanizing Presses
- (1) 48" Gruenberg Post Curing Oven
- (2) Blue M Lab Ovens



Extruding:

- (1) Royle 3.5" Cold Feed Extruder
- (4) Custom 2" Silicone Extruders
- (1) Custom 4" Conductive Silicone Extruder
- (1) Custom 6" Conductive Silicone Extruder



Deflashing:

- (1) Cryogenic Deflashing Machine

Mixing and Calendaring:

- (1) 2 Gallon Vacuum Mixer, (1) Adhesive Mixer
- (1) 24" 2 Roll Lab Mill, (1) 16" 2 Roll Lab Mill
- (1) 12" 2 Roll Lab Mill
- (1) 26" 3 Roll Calender

CNC Machining (Milling & Turning):

- (1) Haas VF-3YT (40" x 26" x 25") CNC Mill
- (1) Haas ST-20Y (12" Diameter) CNC Lathe w/ Live Tooling & Y Axis



Additive Manufacturing (3-D Printing):

- Stereolithography (SLA) Printer
- Fused Deposition Modeling (FDM) Printer

Inspection & Test:

- (1) Keyence VR-5200 ($\pm 2 \mu\text{m}$ Measurement Accuracy, $0.5 \mu\text{m}$ Repeatability, $0.1 \mu\text{m}$ Resolution)
 - (1) Amada Fabrivation Laser Scanner (48" x 48")
 - (1) Nikon 6C 11" Optical Comparator
 - (1) Instron Durometer Shore "OO" Scale
 - (1) Instron Material Tester 3345
 - (2) Keithley Multimeter Model 2010
 - (3) Instron Durometer Shore "A" Scale
- Various Gage Blocks, Precision Weights, Surface Plates, Calipers, Pyrometer, and Cross Head Travelers



Software Suites:

- (1) Solidworks
- (1) MTC Software ProNest
- (1) Mastercam X Mill Level 3
- (20) filePro Logistics Systems
- (1) Mastercam X Lathe

Miscellaneous:

- (1) Tool Post Grinder
- (2) Vertical Band Saws
- (1) Horizontal Band Saw
- (1) LEVER Manual Slitter
- (1) 50kW Solar Array
- (1) Manual Bench Lathe
- (1) Circular Saw
- (1) Spray Cabinet
- (1) Autobag AB180 Bagger
- (1) 6' x 12' Bush Refrigerator
- (3) Arbor Presses
- (1) ENCO Drill Press
- (1) Sand Blasting Cabinet
- (2) Zebra Bar Code Printers
- Efficient LED Lighting Throughout