

Facilities List

Division of ASM Industries
1 Lark Avenue
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Injection Molding Machines / Automation

- (1) 500 ton, 80 ounce HPM, closed loop controls 13
- (1) 500 ton, 49.7 ounce Engel DUO closed loop controls 12
- (1) 440 ton, 51.8 ounce Arburg, closed loop controls / Yushin RCII 400SLL robot
- (1) 350 ton, 21.4 ounce Arburg, closed loop controls / Yushin RCII 400SLL robot
- (1) 300 ton, 25 ounce Van Dorn DeMag, closed loop controls / Yushin VN-EA-II 250S robot
- (1) 300 ton, 34 ounce Engel, closed loop controls / Yushin RAII-a-400SLL robot
- (3) 200 ton, 17 ounce Engel, closed loop controls / (2) Yushin RAII-250SLL robots
- (1) 165 ton, 5 ounce Engel, closed loop controls
- (1) 150 ton, 8 ounce Engel, closed loop controls / Yushin VNXII-250SL robot
- (1) 150 ton, 6.5 ounce HPM, closed loop controls
- (1) 60 ton, 3.2 ounce Engel, closed loop controls
- (1) 60 ton, 2.2 ounce Engel, closed loop controls
- (1) 50 ton, 3 ounce Van Dorn, CNC controls
- (1) 40 ton, 1.2 ounce Engel, closed loop controls / Yushin RA-a-70SL robot
- (2) 40 ton, 0.8 ounce Engel, closed loop controls
- (1) 55 ton, 4.7 ounce Arburg, closed loop controls
- (1) 28 ton, 2.1 ounce Arburg, closed loop controls

All equipment is monitored-using Mattec EPM Real Time computer system

All machines are equipped with drying hoppers and automatic dryers

Mold temperature controls on all machines from 40 to 400 degrees Fahrenheit

Mold evacuation system MV-20,000 available for venting challenged processes

Tooling Facility

- Series 1 Bridgeport milling machine
- Hipromatic model 1440 lathe with 14.5" swing
- Okamoto model 6x12 surface grinder
- Hermann Schmidt Sine Plate and Harig Grind-All
- Cross-slide rotary table
- Rockwell model 17 drill press
- Our tooling facility is equipped to maintain and repair our customers' molds

Quality Assurance Laboratory

- Optical Gauging Products SmartScope Flash 200 Video Measuring System
- X-Rite SP64 Spectrophotometer w/ IQCS Color Software
- 14" Scherr Tumico optical comparator with digital readout
- Nikon Measurescope tool maker's microscope with digital readout
- 36" x 48" DoAll black granite surface plate (A grade)
- DoAll 81 piece gage block set
- Gage pins - .011" to 1.000" diameters in increments of .001"
- David Brown gear checker
- Micrometers, vernier calipers, dial gages, bench center, etc.
- Gardner impact tester
- Tinius Olsen extrusion plastometer
- Fisher Isotemp vacuum oven, model 281
- Sartorius electronic balance, model 1518
- Mitutoyo Digimatic height gage, Digimatic Holetest, and Digimatic calipers

Mattec ProHelp Prostat software for SPC and SQC

Measuring instruments calibrated and traceable to the National Bureau of Standards

Polymer is an Underwriters Laboratories Recognized Component Molder, assigned designation A1437

Registered ISO 9001:2008