

Facilities List



Scan Tool & Mold, Inc
Mold Making • Precision Molding • Design Engineering

From Pellet to Product

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www.scantoolinc.com

Injection Molding Equipment

Small

- ▶ 4 ARBURG ALLROUNDER 221-55-250 (28 TON)
- ▶ 2 ARBURG 221M 350 75 (38 TON)
- ▶ 1 ARBURG ALROUNDER 221K (38 TON)
- ▶ 1 ARBURG ALROUNDER 221U (38 TON) VERTICAL HORIZONTAL CLAMP
- ▶ 1 ARBURG ALROUNDER 305-210-700 77 TON
- ▶ 1 ENGEL VICTORY ELECTRIC 50/35 US
- ▶ 2 Engel E-MAC 50/55 SOEX US 50 TON
- ▶ 1 ENGEL 60 TL 60 TON
- ▶ 1 ARBURG ALROUNDER 470A ALLDRIVE 110 TON
- ▶ 1 ARBURG 470E GOLDEN ADDITION 110 TON
- ▶ 1 ENGEL EWIN 145 TON
- ▶ 1 ENGEL VICTORY 145 TON
- ▶ 1 ARBURG ALROUNDER 470C GOLDEN EDITION 165 TON

Medium

- ▶ 1 ARBURG ALLROUNDER 520 E GOLDEN ELECTRIC 165 TON
- ▶ 1 ARBURG ALL ROUNDER 520A ALL DRIVE 165 TON
- ▶ 3 ARBURG ALLROUNDER 570E EDRIIVE 220 TON
- ▶ 1 ARBURG ALLROUNDER 570A ALL DRIVE 220 TON
- ▶ 2 ARBURG 570E GOLDEN ELECTRIC 220 TON
- ▶ 1 ENGEL EMAC 195 TON

Large

- ▶ 2 ENGEL 300 TON HYDROLIC w/ ENGEL ROBOTS
- ▶ 1 ENGEL EMOTION 310 TON w/ ENGEL VIPER ROBOT

Injection Molding Support Equipment

- ▶ 1 - Priamus Cavity Temp System
- ▶ 13 - Novatec VL Material Loaders
- ▶ 11 - Novatec AL Material Loaders
- ▶ 6 - D.M.E. Hot Sprue Temperature Controllers
- ▶ 3 - At the Press Nissui material granulators
- ▶ 1 - Thorsen Mccosh Material dryer
- ▶ 3 - Advantage mold temperature controllers
- ▶ 31 - Novatec desiccant dryers
- ▶ 2 - Regloplast Super Hot Water Heaters
- ▶ 1 - 36 zone QSTAR hot manifold controller
- ▶ 2 - 36 zone Mold Control Systems hot manifold controllers
- ▶ 1 - Ushin Sprue Picker
- ▶ 27 Conair Sprue Pickers
- ▶ 1 - Conair Mold Chiller
- ▶ 1 - Climate Mold Chiller
- ▶ 1 - AEC Mold Chiller
- ▶ 1 - Whitman Conveyor
- ▶ 1 - TEC Conveyor
- ▶ 1 - Branson 900 Series Ultrasonic Welder
- ▶ 10 - Parts Counting Scales
- ▶ 1 - Pallet Scale
- ▶ 1 - Drum Tumbler
- ▶ 2 - Overhead Bridge Cranes
- ▶ 1 - DME 8 Zone Hot Manifold Controller

Injection Molding Support Equipment

- ▶ 4 - Husky Hot Manifold Controllers
- ▶ Cobalt XL UV Laser Marking System
- ▶ Fller 36 Zone Hot Manifold Controller
- ▶ Toyota Electric Fork Truck

Toolroom Equipment

EDM Equipment

- ▶ 1 - Charmilles CUT 350 Wire EDM
- ▶ 1 - Charmilles CNC Hole Popper
- ▶ 1 - Charmilles RoboForm 20A CNC EDM with 4 Position Tool Changer
- ▶ 1 - Charmilles P350 Sinker EDM with 4 Position Tool Changer
- ▶ 1 - Eltee Pulsatron 30 Amp manual Sinker EDM Machine /w Orbiting Head

Milling Equipment

- ▶ 1 - Mikron Mold Master 300 high speed Mill
- ▶ 1 - Bridgeport Torque Cut 3 Axis Machining Center
- ▶ 1 - Bridgeport EZ Track 2 Axis CNC Milling Machine
- ▶ 3 - Bridgeport Acu-Rite 2 Axis CNC Milling Machine
- ▶ 1 - Bridgeport Explorer #1 - 3 Axis CNC Milling Machine
- ▶ 1 - Bridgeport Milling Machines -- Series J with Digital Readouts

Current Equipment Tooling

Turning Equipment

- ▶ 1 - Clausing Lathe 13" swing; 48" bed
- ▶ 1 - Emco Maximat Super 11 Lathe 8" swing; 36" bed

Grinding Equipment

- ▶ 1 - Okamoto 450 Automatic Wet Grinder
- ▶ 4 - Okamoto 6 - 12/14 Surface Grinders

Other Equipment

- ▶ Coherent Technologies Micro Laser Welder
- ▶ Ultrasonic Polisher
- ▶ Branson Ultrasonic Cleaning Station
- ▶ MSC Band Saw
- ▶ Clausing Cut-off Saw
- ▶ Gorton 375 Cutter Grinder
- ▶ Hydraulic Press
- ▶ Laser America MOPA Laser engraver

Metrology Equipment

- ▶ 2 -- Optical Gaging Products OGP Smart scope Flash 200
- ▶ 1 -- Mitutoyo Tool Makers' Microscope
- ▶ 1 - Bausch & Lomb Inspection Microscope
- ▶ 1 -- Deltronics 14" Comparator with surface illumination
- ▶ 1 -- Nikon Tool Maker Microscope with Rose Technologies Software
- ▶ 1 -- Vision Engineering "Mantis" Inspection Microscope
- ▶ Full Compliment of Pin Gauges
- ▶ Assorted Micrometers & Depth Gages calipers and gage blocks

Pad Printing Equipment

- ▶ 6 - United Silicone Pad Printing machines (inkwells ranging from 3x5 to 8x10)
- ▶ 5 - Conveyors with drying tunnels
- ▶ 4 - Part conveyors
- ▶ 1 - United Silicone Nylon Photo-etch Plate Maker