

PTA EQUIPMENT LIST



Molding Equipment

- 1 Newbury 30 Ton Shuttle
- 1 Toshiba 45 Ton - 1.5 oz. All Electric
- 2 Toshiba 45 Ton - 2.0 oz. All Electric
- 1 Cincinnati 55 Ton - 3.5 oz.
- 1 Cincinnati 55 Ton - 3 oz.
- 1 Toshiba 65 Ton - 2.2 oz. All Electric
- 1 Toshiba 110 Ton - 9.3 oz. All Electric
- 1 Cincinnati 165 Ton - 8 oz. All Electric
- 3 Toshiba 180 Ton - 9.3 oz. All Electric
- 1 Toshiba 240 Ton - 12.7 oz. All Electric
- 1 Cincinnati 250 Ton - 11 oz.
- 1 Cincinnati 250 Ton - 13 oz.
- 1 Toshiba 390 Ton - 27.5 oz. All Electric
- 1 Toshiba 390 Ton - 30 oz.
- 1 Toshiba 500 Ton - 50 oz. All Electric
- 1 Toshiba 610 Ton - 58 oz. All Electric
- 1 Toshiba 610 Ton - 61 oz. All Electric
- 1 Cincinnati 700 Ton - 70 oz.
- 1 Battenfeld 1375 Ton - 165/340 oz.

Robots

- 6 Yushin AT 120 S Three axis servo Pick and place Robot
- 3 Yushin AT 150 S Three axis servo Pick and place Robot
- 1 Yushin AN 250 II Three axis servo Pick and Place Robot
- 1 Yushin AT 300 II S Three axis servo Pick and place Robot
- 1 Yushin AN 350 II S Three axis servo Pick and place Robot
- 1 Yushin YA II 600 Three axis servo Pick and place Robot
- 1 Yushin RA II 600 Three axis servo Pick and place Robot
- 1 Yushin ATB II 300 Three axis servo Pick and place Robot

Engineering/Computer/Software/Communications

Website: www.ptacorp.com

FTP: [ftp.ptacorp.com](ftp://ftp.ptacorp.com)

File Transfers also to data@ptacorp.com

Communication software: Internet Explorer/Windows Net Meeting

Operating Systems: Windows 95/98/2000/NT/XP

Server Hardware: Numerous Pentium-class NT servers

Workstations: Numerous Pentium-class personal computers

CAD Software: Pro Engineer, Cimatron, AutoCad, CADKEY, Fastsurf

CAM Software: SurfCAM and Cimatron

Business Software: Syteline ERP with APS

Finishing Equipment

- 1 YCM SuperMax XV 1020A Vertical Machining Center
- 1 United Silicone US10 Heat Transfer Machine 1 Ton 6" x 8" head
- 1 United Silicone US25 Heat Transfer Machine 2.5Ton 12"x 8" head
- 1 United Silicon Pad Printer UP 505 6" x 12.5" Cliché
- 1 United Silicon Pad Printer UP 450 4" x 12" Cliché
- 1 United Silicon Pad Printer UP300 3" x 8" Cliché
- 1 United Silicon Pad Printer UP303 4" x 8.5" Cliché
- 1 ITW Imtran Pad Printer GS-100CC 4" x 9" Cliché
- 7 Series 8400 Branson Sonic Welder 900 Watts
- 1 Series 8700 Branson Sonic Welder 1500 Watts
- 1 Series 8800 Branson Sonic Welder 3000 Watts
- 2 Series 910 IW Branson Sonic Welder 1000 Watts
- 1 Series 920M Branson Sonic Welder 2000 Watts
- 1 Megasonics Sonic Welder 1850 Watts
- 1 Dukane Ultra 2000 Sonic Welder 2000 Watts
- 2 Polymark Heat Stake 1/2 Ton
- 1 Larken CNC Router (24" x 24" x 14")
- 2 Sonitek Thermal Press 2.5 Ton
- 1 Wagner DHT Thermal Press 1 Ton
- 3 SFL Thermal Press 3 Ton
- 1 Wagner Heat Stake 1 Ton converted to do multiple insertion operations
- 2 Series 2000 Branson AED 2000 Watts

CNC Machines

- 2 Mori-Seiki NV5000B Vertical Milling, 15000 RPM Spindle (40.2 x 20.1 x 26.1)
- 2 Makino V-56 Vertical Machining Center, 20000 RPM Spindle (40" x 21" x 17")
- 1 Monarch VMC 150B Vertical Machining Center (50" x 30" x 44")
- 1 Makino SNC 64 Vertical Machining Center 20000 RPM Spindle (24" x 16" x 16")
- 1 Makino SNC 64 Vertical Machining Center 30000 RPM Spindle (24" x 16" x 16")
- 1 Maho MH600E2 Universal Milling Machine (23" x 18" x 16")
- 1 Kitamura MyCenter One Vertical Machining Center 13000 RPM Spindle (20" x 16" x 16")
- 2 Makino KE55 Vertical Machining Center (20" x 16" x 16")
- 2 HAAS TM2 (40 x 16 x 16)
- 1 Mori-Seiki Dura Vertical 5100 10,000 RPM Spindle (40 x 20 x 20)

Milling Machines

Numerous Bridgeport Series 1, 2D Accurite, and EasyTrax

EDM Machines

- 1 Makino EDNC 65 with Rotating Spindle, Tool Changer (44" x 30" x 18" tank)
- 1 Makino EDNC 85 with Rotating Spindle, Tool Changer (47.2" x 31.5" x 17.7" tank)
- 1 Sodick A3C CNC with Tool Changer (29" x 19" tank)
- 1 Eltee-Pulsitron TRM-20, EP-30 (20" x 12" tank)

Lathes

- 1 Clausing 15" x 70" Engine Lathe
- 1 Hardinge 10" x 30" Toolroom Lathe
- 2 Hardinge 10" x 30" Toolroom Lathe

Miscellaneous

- 1 DoAll Bandsaw (30" x 12")
- 1 Kalamazoo Horizontal Band saw (20" x 12")
- 2 DoAll Bandsaw (20" x 12")
- 1 Kalamazoo Horizontal Band saw (20" x 12")
- 1 Cincinnati Radial Drill (3' x 20")
- 1 Hercules Radial Drill (5' x 14.5")

Grinders

- 3 Mitsui 6" x 18" Surface Grinder
- 1 Okamoto 6" x 18" Surface Grinder
- 1 Okamoto 6" x 18" Surface Grinder
- 2 Okamoto Automatic Wet Grinder (12" X 24")
- 1 Harig 6" x 18" Surface Grinder
- 1 Harig 6" x 12" Surface Grinder
- 1 Harig 6" x 12" Surface Grinder
- 2 Deckel SOE Cutter Grinder
- 2 Deckel SO Cutter Grinder
- 1 Lars Cutter Grinder

Shipping/Receiving

- 1 Pallet Shrink Wrapping Station Macwrap 7000M
- 1 DiBiPack 4255 Shrink Wrap Machine
- 1 Ez-Duz-It Powered Pallet Stretch Wrapper
- 1 ZEBRA 104SE Thermal transfer label printer
- 1 ZEBRA 105SE Thermal transfer label printer

Quality/Test/Inspection

- 1 CMM Brown & Sharp MicroXcel PFX 7105 (41.6" x 29.5 x 19.7")
- 1 CMM Brown & Sharpe MicroVal (18" x 20" x 15.5")
- 1 CMM Brown & Sharp MicroXcel PFX (29.5" x 25.5" x 19.5")
- 1 CMM OGP Smart Scope MVP Vision measurement system (6" x 12" x 6")
- 1 CMM OGP Smart Scope Flash Vision measurement system (8" x 8" x 6")
- 1 DVT 515 Vision Inspection System
- 1 Chatillon 500 pound capacity digital force gauge w/500 pound capacity stand
- 1 Mitutoyo Optical Comparator 10:1 lens 15" screen
- 1 Scherr-Tumico Optical Comparator 10:1 lens 14" screen
- Various precision scales, surface plates, height gages etc.