



EQUIPMENT LIST

DISTINGUISHED SOLUTIONS IN PLASTIC ENGINEERING.

Founded in 1953, PTA Plastics is an employee owned plastics injection molding solutions provider for complex industrial designed products. With facilities in CT and CO, we are one of the industry's most experienced firms with thousands of successful

projects completed around the world. PTA Plastics offers a full complement of engineering, tooling, molding and value-added services for medical, technology, defense, safety and security applications. Our 32 molding presses range from 30 ton to 1,375 ton capacity and most

are equipped with robots that can be operated around the clock. We also use high-speed CNC machining centers and state-of-the-art electronic discharge machining (EDM) centers in order to ensure the most precise molds possible.

MOLDING EQUIPMENT

AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
6	TOSHIBA 85 TON - 3.3 OZ ALL ELECTRIC	1	ENGLE 500 TON - 59 OZ HYDRAULIC
1	BAUER GAS ASSIST MOLDING SYSTEM	1	TOSHIBA 110 TON - 4.7 OZ ALL ELECTRIC
1	BATTENFELD 1375 TON - 176 OZ	3	TOSHIBA 180 TON - 9.3 OZ ALL ELECTRIC
1	ENGEL 110 TON - 5.1 OZ ALL ELECTRIC	2	TOSHIBA 240 TON - 12.7 OZ ALL ELECTRIC
1	NEWBURY 30 TON SHUTTLE	3	TOSHIBA 250 TON - 12.7 OZ ALL ELECTRIC
1	TOSHIBA 45 TON - 1.6 OZ ALL ELECTRIC	1	TOSHIBA 390 TON - 27.5 OZ ALL ELECTRIC
2	TOSHIBA 45 TON - 2 OZ ALL ELECTRIC	1	TOSHIBA 390 TON - 30 OZ
1	TOSHIBA 55 TON - 1.3 OZ ALL ELECTRIC	1	TOSHIBA 500 TON - 50 OZ ALL ELECTRIC
1	TOSHIBA 55 TON - 3.3 OZ ALL ELECTRIC	1	TOSHIBA 610 TON - 58 OZ ALL ELECTRIC
1	TOSHIBA 65 TON - 2.2 OZ ALL ELECTRIC	1	TOSHIBA 610 TON - 61 OZ ALL ELECTRIC
1	ENGEL 180 TON - 10.2 OZ HYBRID	1	TOSHIBA 110 TON - 5.3 OZ ALL ELECTRIC

FINISHING EQUIPMENT

AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
1	HAAS TM2 40" X 16" X 16"	6	SONITEK TS 500 SERIES THERMAL PRESS
1	ITW IMTRAN PAD PRINTER GS - 100CC 4" X 9"	1	TOSH LOGICA 02, 4 COLOR, FULL SERVO PAD PRINTER
1	LARKEN CNC ROUTER 24" X 24" X 24"	1	TOSH LOGICA N90S, 2 COLOR, FULL SERVO PAD PRINTER
1	PAS 2 TON FULL SERVO THERMAL INSERTION	1	UNITED SILICONE PAD PRINTER UP 300 3" X 8" X CLICHE
2	POLYMARK HEAT STAKE 1/2 TON	2	UNITED SILICONE PAD PRINTER UP 303 4" X 8.5" CLICHE
1	PTA CUSTOM ROUTER 24" X 28" X 12"	1	UNITED SILICONE PAD PRINTER UP 450 4" X 12" CLICHE
3	PTA CUSTOM ROUTERS 30" X 35" X 12"	2	UNITED SILICONE PAD PRINTER UP 505 6" X 12.5" CLICHE
4	SERIES 2000 BRANSON AED 2000 WATTS	1	UNITED SILICONE 10 HEAT TRANSFER 1 TON 6" X 8" HEAD
1	SERIES 8400 BRANSON SONIC WELDER 900 WATTS	1	UNITED SILICONE 25 HEAT TRANSFER 2.5 TON 12" X 8" HEAD
1	SERIES 8700 BRANSON SONIC WELDER 1500 WATTS	2	WAGNER DHT THERMAL PRESS 1 TON
2	SERIES 910 IW BRANSON SONIC WELDER 1000 WATTS	1	WAGNER HEAT STAKE 1 TON
3	SFL THERMAL PRESS 3 TON	1	YCM SUPERMAX XV 1020A VERTICAL MACHINING CENTER
1	SONITEK 510 THERMAL PRESS	1	KENT TURBO 350 2 COLOR PAD PRINTER PNEUMATIC SHUTTLE
2	SONITEK THERMAL PRESS 2.5 TON		

QUALITY

AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
1	CMM BROWN & SHARPE PFX 7105 41.6" X 29.5" X 19.7"	1	CHATILLON 500LB CAPACITY DIGITAL FORCE GAUGE
1	CMM BROWN & SHARPE MICROVAL 18" X 20" X 15.5"	1	MITUTOYO OPTICAL COMPARATOR 10:1 LENS 15" SCREEN
1	CMM BROWN & SHARPE PFX 29.5" X 25.5" X 19.5"	1	SCHERR-TUMICO OPTICAL COMPARATOR 10:1 LENS 14" SCREEN
1	OGP SMART SCOPE MVP 6" X 12" X 6"	2	ARIZONA INSTRUMENTS VAPOR PRO MOISTURE ANALYZER
1	OGP SMART SCOPE FLASH SYSTEM 8" X 8" X 6"	1	CMM MICRO-VU EXCEL 1054 UC 1050 X 1050 X 400 MM
1	DVT 515 VISION INSPECTION SYSTEM	1	OGP SMART SCOPE FLASH 302 VISION MEASUREMENT 12" X 12" X 10"
1	X-RITE SP-64 SPECTROPHOTOMETER		VARIOUS PRECISION SCALES, SURFACE PLATES, HEIGHT GAUGES



EQUIPMENT LIST

DISTINGUISHED SOLUTIONS IN PLASTIC ENGINEERING.

Founded in 1953, PTA Plastics is an employee owned plastics injection molding solutions provider for complex industrial designed products. With facilities in CT and CO, we are one of the industry's most experienced firms with thousands of successful

projects completed around the world. PTA Plastics offers a full complement of engineering, tooling, molding and value-added services for medical, technology, defense, safety and security applications. Our 32 molding presses range from 30 ton to 1,375 ton capacity and most

are equipped with robots that can be operated around the clock. We also use high-speed CNC machining centers and state-of-the-art electronic discharge machining (EDM) centers in order to ensure the most precise molds possible.

CNC MACHINES	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		2	MORI-SEIKI NV5000B-15000 RPM 40.2" X 20.1" X 26.1"	1
	2	MAKINO V-56-20000 RPM 40" X 21 X 17"	1	MORI-SEIKI DURAVERTICAL 5100 12000 RPM 40" X 20" X 20"
	1	MONARCH VMC 150B 50" X 30" X 44"	1	MORI-SEIKI DURAVERTICAL 5100 10000 RPM 40" X 20" X 20"
	1	MAKINO SNC 64-20000 RPM 24" X 16" X 16"	1	DMG DMU65 MONO-BLOCK 20000 RPM 30" X 26" X 22"
	1	MAKINO SNC 64-30000 RPM 24" X 16" X 16"	1	HURCO VM-101 10000 RPM 26" X 16" X 20"
	2	MAKINO KE55 VERTICAL MACHINING 20" X 16" X 16"		
EDM	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		1	MAKINO EDNC 65 44" X 30" X 18" TANK	1
	1	MAKINO EDAF3 33" X 25" X 15" TANK	1	MAKINO EDGE 2 A16 12" X 10" X 10" TANK
	1	MAKINO EDNC 85 47.2" X 31.5" X 17.7" TANK		
GRINDERS	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		3	MITSUBI 6" X 18" SURFACE GRINDER	1
	2	OKAMOTO 6" X 18" SURFACE GRINDER	2	HARIG 6" X 12" SURFACE GRINDER
	2	OKAMOTO AUTOMATIC WET GRINDER 12" X 24"	2	DECKEL SOE CUTTER GRINDER
LATHES	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		1	CLAUSING 15" X 70" ENGINE LATHE	1
	2	HARDINGE 10" X 30" TOOL ROOM LATHE		
MISC.	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		2	KALAMAZOO HORIZONTAL BRAND SAW 20" X 12"	1
	2	DOALL BRAND SAW 20" X 12"	NUMEROUS	BRIDGEPORT SERIES 1, 2D ACCURITE AND EASYTRAX
	1	CINCINATTI RADIAL DRILL 3" X 20"		
ROBOTS	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		3	YUSHIN AT 120S - THREE AXIS SERVO PICK AND PLACE	1
	1	YUSHIN A2 150S - THREE AXIS FULL SERVO PICK AND PLACE	1	YUSHIN RA II 600 - THREE AXIS FULL SERVO PICK AND PLACE
	7	YUSHIN ATC 150S - THREE AXIS SERVO PICK AND PLACE	2	YUSHIN YA2 600 - THREE AXIS FULL SERVO PICK AND PLACE
	2	YUSHIN ATB 150 - THREE AXIS SERVO PICK AND PLACE	1	WHITTMANN W811 - THREE AXIS FULL SERVO PICK AND PLACE
	3	YUSHIN RC II 250S - THREE AXIS FULL SERVO PICK AND PLACE	4	WHITTMANN W818 - THREE AXIS FULL SERVO PICK AND PLACE
	3	YUSHIN ATB III 300S - THREE AXIS SERVO PICK AND PLACE	1	STAUBLI TX90L - SIX AXIS INDUSTRIAL
	1	YUSHIN AN III 350S - THREE AXIS SERVO PICK AND PLACE	1	EROWA ERS2044



EQUIPMENT LIST

DISTINGUISHED SOLUTIONS IN PLASTIC ENGINEERING.

Founded in 1953, PTA Plastics is an employee owned plastics injection molding solutions provider for complex industrial designed products. With facilities in CT and CO, we are one of the industry's most experienced firms with thousands of successful

projects completed around the world. PTA Plastics offers a full complement of engineering, tooling, molding and value-added services for medical, technology, defense, safety and security applications. Our 32 molding presses range from 30 ton to 1,375 ton capacity and most

are equipped with robots that can be operated around the clock. We also use high-speed CNC machining centers and state-of-the-art electronic discharge machining (EDM) centers in order to ensure the most precise molds possible.

TECHNOLOGY	AMOUNT	DESCRIPTION	AMOUNT	DESCRIPTION
		CIMATRON E13		MOLDFLOW PART ADVISOR
		SOLIDWORKS		PRO ENGINEER
		PTC CREO 3		FILE TRANSFERS
		WEBSITE		SURFCAM
		STRATASYS OBJET 30 PRO 3D PRINTER		