



Custom Injection Molding
ISO Registered and UL Certified

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Facilities List

18 Injection Molding Machines

1-800 TON	100 oz. HPM	1 - 220 TON	17 oz. CINCINNATI
1-700 TON	70 oz. CINCINNATI	1 - 220 TON	8 oz. CINCINNATI
1-500 TON	70 oz. CINCINNATI	1 - 165 TON	13 oz. CINCINNATI
1-385 TON	28 oz. CINCINNATI (ELECTRIC)	1 - 165 TON	11 oz. CINCINNATI
1-360 TON	32 oz. HAITIAN (HYBRID)	1 - 110 TON	7 oz. CINCINNATI
1-330 TON	28 oz. CINCINNATI (ELECTRIC)	1 - 110 TON	5 oz. CINCINNATI
1-300 TON	29 oz. CINCINNATI	1- 90 TON	9 oz. CINCINNATI
1-250 TON	13 oz. CINCINNATI	1- 50 TON	3 oz. NEWBURY
1-220 TON	20 oz. CINCINNATI	1- 33 TON	3 oz. BATTENFELD

Mold area equipped with dryers, chillers, granulators, core pull units, mold temperature control units, automatic hopper loading and assorted coloring equipment.

In-House Rapid Prototyping

Usable models built in tough ABS plastic allow you to test fit, function and manufacturability. Most parts ship within 24-48 hours.

Design & Engineering

Mold and part design, 3D solid modeling, we can import and export SolidWorks, AutoCAD (DWG), IGES (IGS), STL, DXF

Secondary Operations

C&H offers hot stamping, assembly, jigs for specialized drilling and milling operations, ultra-sonic welding, and packaging to compliment your plastic products. Metalizing and painting services are also available.

Materials

We handle all of the thermoplastic resins including filled and unfilled Nylon, Polypropylene, Polyethylene, Polycarbonate, PVC, Ultem, Styrene, ABS, PPO, etc. We also mold structural foam parts in many of these materials, and offer over-molding of thermoplastic rubber on rigid materials. Silos are available for bulk material storage and handling.

Custom Color Matching

C&H now utilizes a ColorEye XTH Spectrophotometer and the X-Rite COLOR iQC software to match custom colors.

Quality Control

C & H employs statistical quality control in our molding process. In addition to operator inspection, we utilize bi-hourly checks by trained inspectors on each shift, and daily evaluations for systematic quality control in the manufacturing process. C&H Plastics has been a UL – certified molder since 1984, and became ISO Registered in 2001.

Quality Control Equipment

STARLITE GX VISION SYSTEM	ANGLE GAUGE	MICROMETERS	SURFACE PLATE
DEA SWIFT CMM	SIZE-BLOCKS	DEPTH GAUGE	VISCOSIMETER
VERNIER HEIGHT GAUGE	HOLE GAUGE	CALIPERS	THICKNESS GAUGE
VERNIER CALIPER	MITUTOYO PROCESSOR	LENGTH GAUGE	MOLD FINISH COMPARISON

Tool Room Equipment

MILLING MACHINES, DRILL PRESSES, LATHES, SURFACE GRINDERS, AND AUXILIARY EQUIPMENT

(Last update 4/11)