

UNIT SYSTEM

Unit tools or insert-based tools provide a low cost method of manufacturing single or family cavity molds. The inserts can be purchased in a variety of sizes to fit standard Master Unit Die frames and are stocked on-site. Standardization provides lower costs to manufacture and immediate delivery.

Standard Unit Systems

- P-20 tool steel
- Hardened S-7 & H13 cavity/cores
- Aluminum and soft steels
- Master Unit Die & RoundMate
- Prototype units



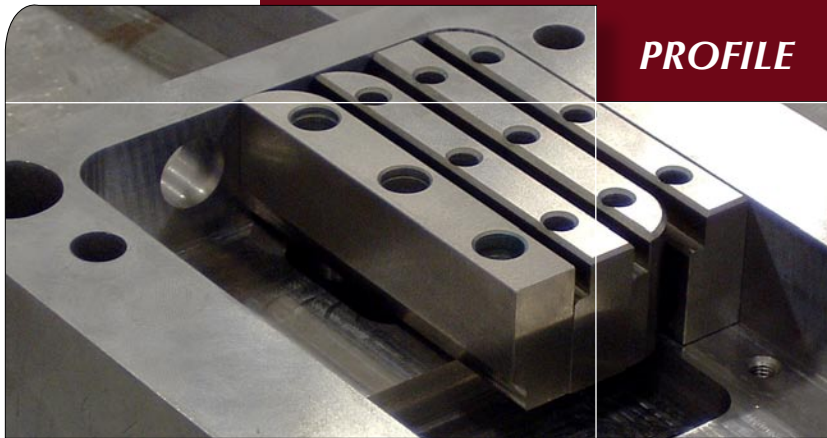


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Tooling

(PROFILE)



We have integrated the latest in lean manufacturing equipment and technique to provide globally competitive mold design/build services to our clients. Experienced tooling engineers, mold makers, and mold technicians staff our on-site tool making facility. Tooling is available in single, family, and multi cavity configurations. To assure quick delivery on new builds and mold repairs, we stock common mold bases and components.

Polymer Technology's engineering staff provides mold flow analysis to eliminate the guesswork traditionally required to get the best part and molding designs. Our design team utilizes Cimatron mold design software and the latest in CNC machining technology to quickly transform your 3D CAD part file into a high quality mold in the shortest possible time frame.