

Hot One



DME HOT ONE HOT RUNNER TECHNOLOGY.

A long-standing industry standard in user-friendliness and affordability.

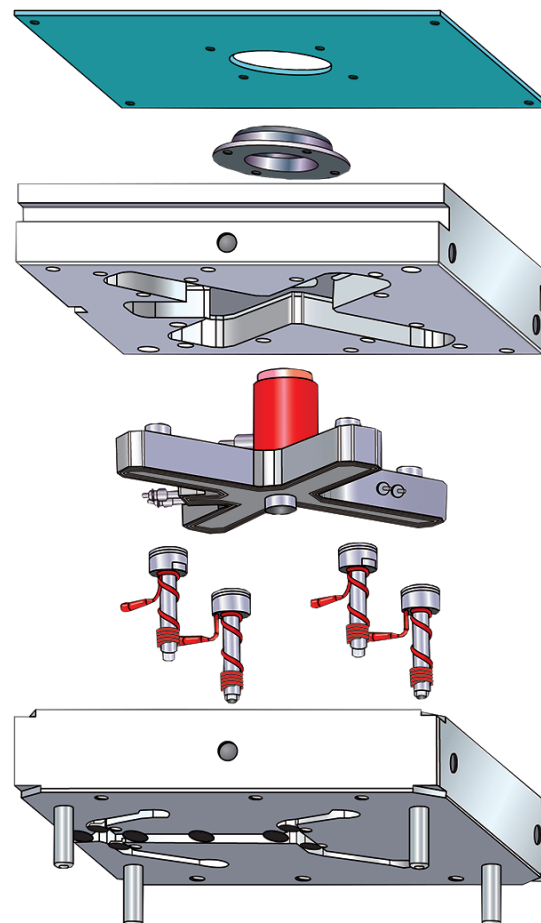
KEY FEATURES

Our ongoing customer-driven philosophy has fostered many new and innovative systems and components, allowing you to take advantage of more than seven decades of leadership in injection molding technology. The DME Hot One has become an industry standard in technology, user-friendliness and affordability, available in two styles - Manifold & Components as well as complete Hot Half systems.

FLEXIBLE TUBULAR HEATED SYSTEMS

Using easily replaceable Tubular Heaters, the DME Hot One System can process many engineering grade resins. Flexible Tubular Heaters reduce the number of zones of heat required, providing the added benefit of lowering your temperature control costs.

The DME Hot One, a long-standing industry standard in technology, user-friendliness and affordability, available in two styles - Manifold & Components as well as complete Hot Half systems.



NOZZLES

The DME Hot One is accompanied by a nozzle offering that allows versatility in system selection to best suit the material and molded part configuration. DME offers two different styles of Hot One nozzles: The “EHA” series, using square coil heaters; The “CIA-S” series, using replaceable, slip-on high performance heaters.

For example, the “EHA” series of nozzles can be used for many applications using commodity resins with low crystallinity. The “CIA-S” series, with high performance heaters developed exclusively for DME, can be used for all applications, especially engineering grade resins with a high degree of crystallinity.



“EHA” and “CIA-S” Nozzles

Each DME nozzle series has its own advantages and characteristics to meet your needs.

NOZZLES TIPS

As applications in the plastics industry have become increasingly complex and more demanding, DME engineers have risen to the task to provide tip technology to suit a variety of applications. A variety of interchangeable tip styles are available for both the “EHA” and “CIA” series.



- **Sprue Gate/Extended Sprue Gate** – Used primarily in applications where gate vestige is not a concern. Offers minimal flow resistance and handles most resins very effectively. Extended style provides additional stock for machining of runner profiles or part contours.
- **Bodiless Point Gate** – Used for applications needing optimum gate cosmetics, this tip can run a wide range of resins. It has two interchangeable needles, standard and wear resistant. The wear resistant needle is especially useful for abrasive or filled material applications.
- **Full Body Point Gate** – Contact DME for use of this tip. Used for low vestige, commodity grade resin applications. The Full Body Point Gate features a sealed tip for efficient shut-off at the parting line.

Ordering Options: Use this information and our design and machining guidelines to build your system, or take advantage of DME Applications Engineering services to help you select the system best suited to your requirements. Then, either order the steel and components to construct your system or let DME do all of the machining, assembly and wiring for you.

For a Total System Solution combine: DME Hot Half, DME Mold Base and DME Controller