



electra form industries

Great *Expectations* by EFI

EFI introduces its latest technology, the *E*-series injection preform molds. Combined with ExStream hot runner manifolds, our innovative approach to preform molding is the talk of the industry.

Like the famous book by Charles Dickens, this technology is versatile, adaptable, well constructed and highly rated.

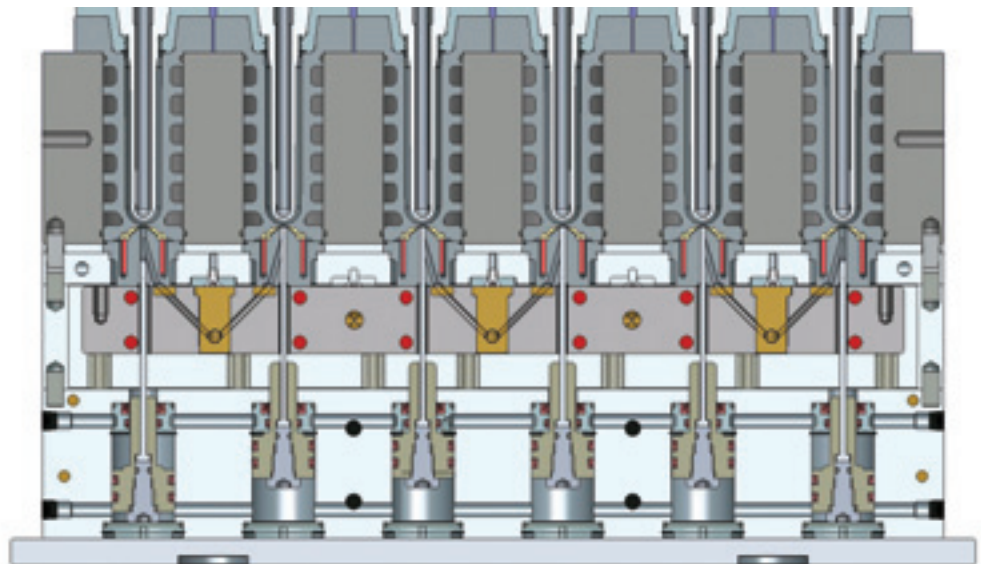
***E*-series mold benefits include:**

ExStream hot runner manifold systems

- Valve gated hot runners, where the valve pin is fully retractable from the melt stream. This permits a more streamlined melt flow of material, from the sprue bushing to the cavity gate, eliminating division of the melt flow and reducing shear effects

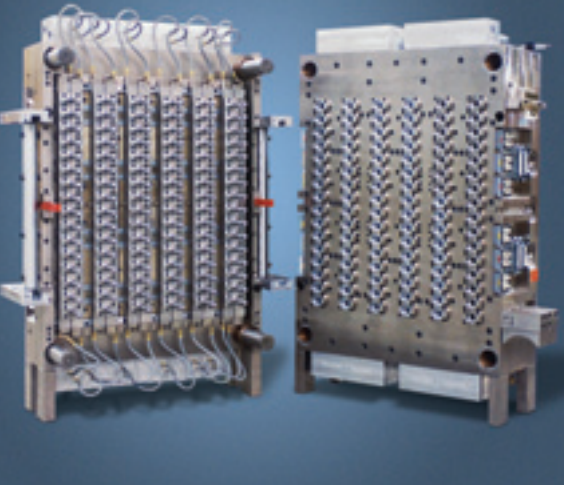
Enduring Performance

- EFI's preform molds are known for their fast cycle times, the quality preforms they produce, and the minimal maintenance they require. The mold design and its endurance outperforms the competition
- The patented, adjustable cam track ejection system is designed to compensate for differences in the injection molding machine ejection speed, preform shape and release geometry. Likewise air blow assist on the injection core eases preform ejection performance
- Shorter cycle times from an optimized cooling design, notably in the thread splits, profiled core and cavity cooling, and water cooled slides
- Other features include a center slide gib preventing slide drop during ejection, therefore eliminating neck finish deformation and vent channel damage



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E-series mold benefits include:

Ease of maintenance

- ExStream hot runner systems allow the nozzle and nozzle heaters to transfer with the manifold assembly when separating it from the mold cold half. Therefore in-press access for hot runner maintenance is quicker
- Valve pins are serviceable in-press
- Piston seals in pneumatic cylinders for valve gate action, last many years in production
- Molding surface components are manufactured from H13 tool steel or hardened stainless steel, with chrome plating
- Core, one piece cavity, and thread splits are front flange mounted

rEsponsive Service

- EFI reacts within 24 hours to support and service customers, whether repairing, refurbishing or converting existing EFI or non- EFI molds
- Comprehensive training, maintenance and troubleshooting manuals are supplied with all new and refurbished/converted molds
- Molds are fully tested and sampled prior to shipment. Even limited production runs can be organized at short notice to support new opportunities for customers
- EFI molds are compatible with all types of leading injection molding machines such as Husky, Netstal, Engel, Ferromatik Milacron and more

E-series molds offer best value, fast delivery and service response, and are supported by ISO 9001 quality standards unique in preform mold-making. Greater is the expectation, but EFI is the best value choice.

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