

D-M-E Hot Runner Systems

The logo for Galaxy Hot Runner Systems features a stylized, three-dimensional 'G' icon composed of several curved, overlapping bands. To the right of the icon, the word 'Galaxy' is written in a large, white, sans-serif font, with 'Hot Runner Systems' in a smaller, white, sans-serif font directly beneath it.

Galaxy
Hot Runner Systems

Powerful performance for
multi-cavity applications





Performance and reliability for high cavitation molding

D-M-E, the leader in mold tooling technologies, introduces a hot runner solution tailor-made for high cavitation molding — the Galaxy™ Hot Runner System. By applying over 25 years of D-M-E hot runner system expertise, Galaxy systems address the performance, reliability and serviceability demands of today's molder. Perfect for a wide range of applications — including caps and closures, cosmetic packaging, cutlery and small medical, electronic and automotive parts.

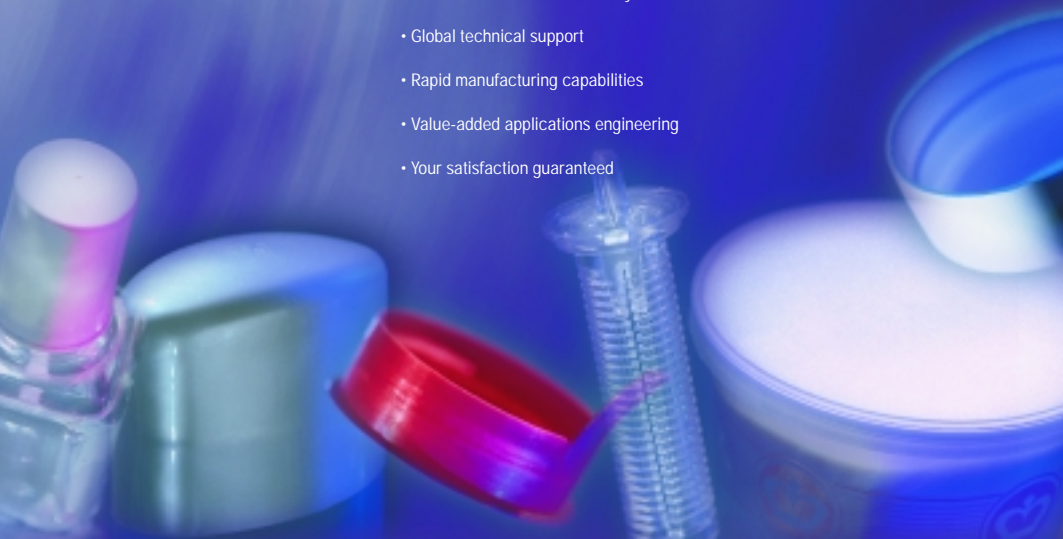
Engineered for your application

Our Applications Engineering Team carefully reviews the requirements of each project and then designs a Galaxy Hot Runner System — using the most advanced engineering tools available — to optimize molding performance.

All from a partner you can count on — D-M-E

For six decades, D-M-E has been giving injection molders a competitive edge. Nobody beats D-M-E for quality products, quality service and quick delivery. Galaxy Hot Runner Systems are backed by:

- The best service in the industry
- Global technical support
- Rapid manufacturing capabilities
- Value-added applications engineering
- Your satisfaction guaranteed





Galaxy Hot Runner Systems: performance, reliability, service

Whether you're a moldmaker, a molder, an OEM, or a mold designer, D-M-E Galaxy Hot Runner Systems deliver performance, reliability and serviceability to improve your productivity.

Custom manifolds are engineered for evenly distributed heat and balanced flow — optimizing pressure drop, shear rate and residence time.

Modular nozzles enable a wide range of nozzle lengths to suit a variety of mold stack heights.

Nozzle tips are designed for fast cycle times, quick color changes and low gate vestiges.



Tested for optimum reliability

D-M-E utilizes its fully-equipped testing laboratory to ensure maximum reliability for your application. Galaxy Hot Runner Systems have been extensively tested under real-world conditions to optimize performance in multi-cavity applications.

High quality

D-M-E uses only the highest quality materials to ensure the best performance and long-lasting durability.





Fast, easy serviceability

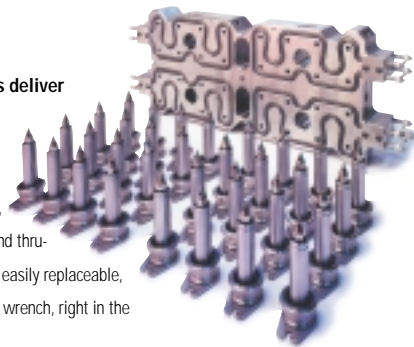
When you're running thousands of parts per hour, uptime is a critical part of the productivity equation. Galaxy systems are designed to maximize production and shorten set-up and service time.

Nozzle tips, heaters and thermocouples are front loaded and easily replaced right in the machine. Heater and thermocouple leads are routed to a connector adjacent to the nozzle body to simplify access.



Modular nozzles deliver flexibility

Galaxy nozzles offer a choice of tips — standard, wear-resistant and thru-hole. All tips are easily replaceable, using a standard wrench, right in the machine.

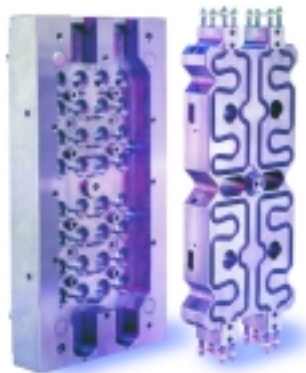


Minimal gate vestige

Galaxy nozzles feature a refined tip design that is manufactured from highly conductive material which transfers precise heat to the gate area — for minimal gate vestige and excellent gate cosmetics.

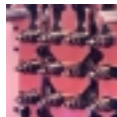
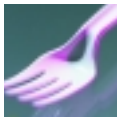
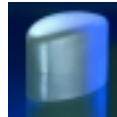
High performance

Galaxy is designed for high cavity applications, without performance compromises. Close center-to-center dimensions deliver more parts per cycle. Short end plugs reduce system mass for predictable thermal performance. And, our mini-tubular nozzle heaters enable uniform, controlled heating for optimum melt temperature in a compact form factor.



Galaxy is just one of a family of D-M-E hot runner solutions. From components to turnkey hot halves, all D-M-E hot runner systems feature best-in-class components, application engineering expertise and our 100% satisfaction guarantee.

Serving customers in over 70 countries worldwide, no one equals D-M-E for injection molding solutions and support. D-M-E operates manufacturing and distribution locations in North America, South America, Europe and Asia.



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