



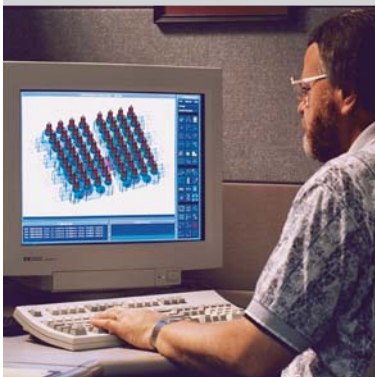
COST-EFFECTIVE SOLUTIONS
FOR HIGH CAVITATION



Features and Benefits

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



Each Galaxy Hot Half System is fully assembled and tested prior to shipment to optimize performance.

Performance and reliability for high cavitation molding

DME, the leader in mold technologies, introduces a hot runner solution tailor-made for high cavitation molding – the Galaxy® Hot Runner System.

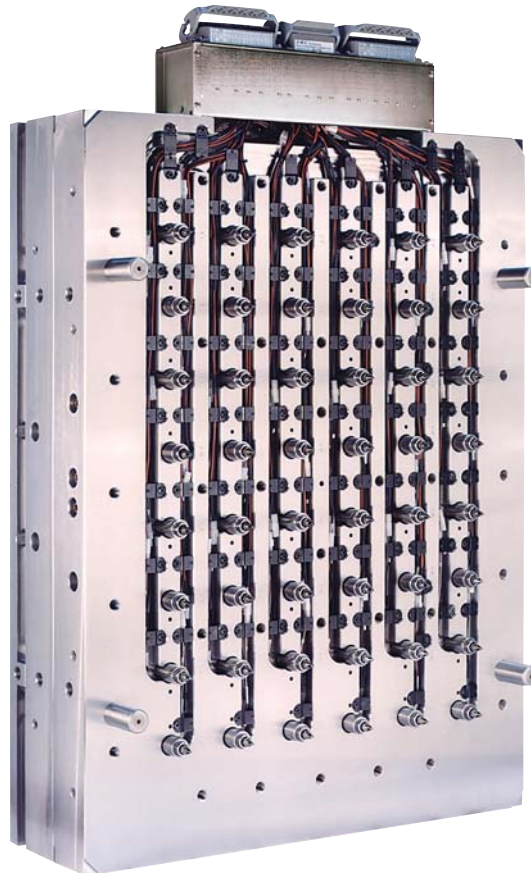
By applying over 30 years of DME hot runner system expertise, Galaxy systems address the performance, reliability and serviceability demands of today's molder. Perfect for a wide range of applications – including caps and closures, cosmetic packaging, cutlery and small medical, electronic and automotive 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 – DME

For seven decades, DME has been giving injection molders a competitive edge. Nobody beats DME for quality products, quality service and quick delivery.



Features and Benefits

Tested for optimum reliability

DME utilizes its fully equipped testing laboratory to ensure maximum reliability for your application. Each Galaxy Hot Half System is fully assembled and tested prior to shipment to optimize performance in multi-cavity applications.

High quality

DME 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.

All 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

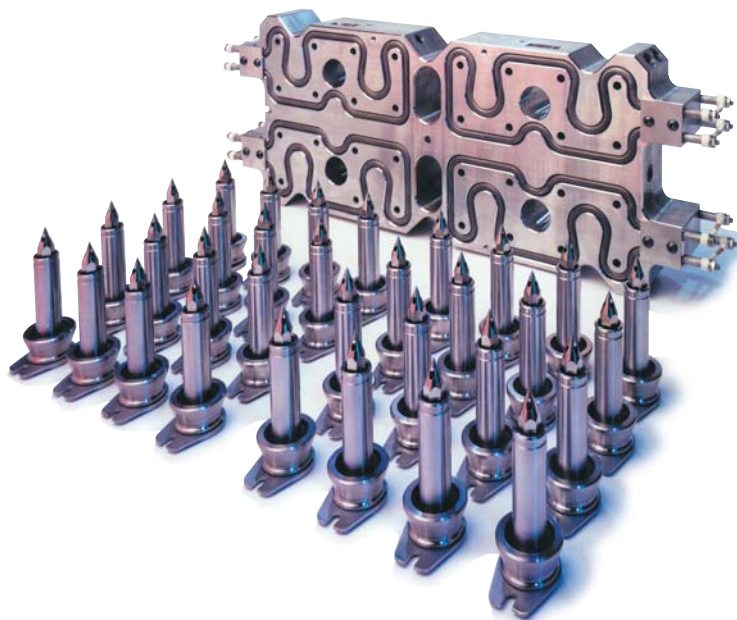
Galaxy nozzles offer a choice of tips including standard, wear-resistant and thru-hole styles. All tips are easily replaceable, using a standard wrench, right in the machine.

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.



All tips are easily replaceable, using a standard wrench, right in the machine.

Features and Benefits

CUSTOMER DESIGN
CRITERIA FORMS

CDC

To provide your Galaxy®
application specifications,
visit www.dme.net/cdc

Galaxy Hot Runner Systems: performance, reliability, service

Whether you're a moldmaker, a molder, an OEM, or a mold designer, DME 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.



DME Galaxy Unitized Hot Runner Systems

Galaxy Hot Runner Manifold and Components System

Pre-wired and ready to install into your mold!

- Excellent system performance with proven DME hot runner technology
- Minimal gate vestige and excellent gate cosmetics
- Modular nozzles deliver design flexibility
- Compact form factor achieves more parts per cycle through close center-to-center dimensions
- Available with standard Galaxy nozzle lengths and tips
- Reduced set-up time, simplified installation
- All heating and sensing elements are pre-wired and “ready to go”
- Replacement parts available to ship same day
- Backed by World-Class Hot Runner Technical Service Experts



Pre-Wired and Pre-Assembled

DME, the leader in mold technologies, is now offering pre-wired Galaxy Hot Runner Solutions for customers who want only a pre-wired manifold system without plates. DME Galaxy Hot Runner 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.

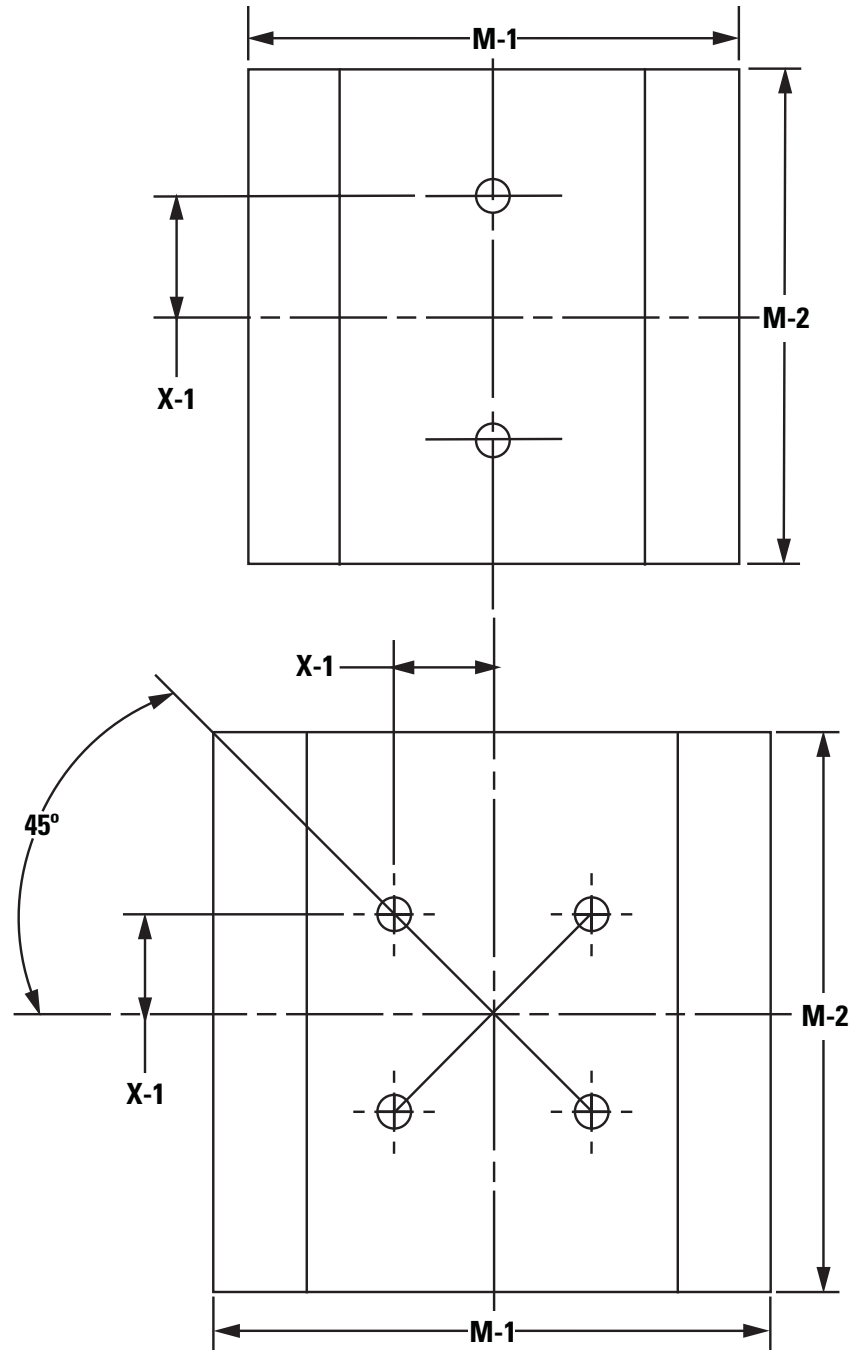
DME carefully reviews the requirements of each project and then designs a Galaxy Hot Runner System – using the most advanced engineering tools available – that optimizes molding performance.

For technical inquiries, call 888-4-DME-HOT (888-436-3468) and ask to speak to a Hot Runner Service Representative, or email us at: dme_service@dme.net.

DME
Every step of the way

DME Galaxy Unitized Hot Runner Systems – Minimum Drop Spacing and Minimum Mold Base Size

NOTE: 1. Dimensions are given as guidelines only. All unitized Galaxy applications will be reviewed by the DME Hot Runner Design Department for feasibility.



PRIMARY MANIFOLD TYPE	MINIMUM "X-1" (mm)	MINIMUM MOLDBASE SIZE	
		"M-1" (inches)	"M-2" (inches)
IN-LINE	70.000	8.875	11.875
X-STYLE	65.000	14.875	17.875