



DROP IN, CONNECT AND GO.

A completely pre-assembled and pre-wired Fusion G2 System allows for quick and easy one step drop in installation and connection. Ensures your mold is back into production as quickly as possible. Geared towards medium and large automotive and appliance part molding applications.



KEY FEATURES

COMPLETELY PRE-ASSEMBLED AND PRE-WIRED

- Fast, one-step installation requiring up to 70% less time to assemble/install.

WIRE ARMOUR

- Protects and routes all lines. Acts as a stable mounting platform for plumbing. Reduces plate machining requirements.

FIELD REPLACEABLE MANIFOLD AND NOZZLE HEATERS

- Simple and easy to maintain.

MULTIPLE HEATER ZONES PER NOZZLE

- Complete control and optimized thermal profiles.

SCREWED IN NOZZLES

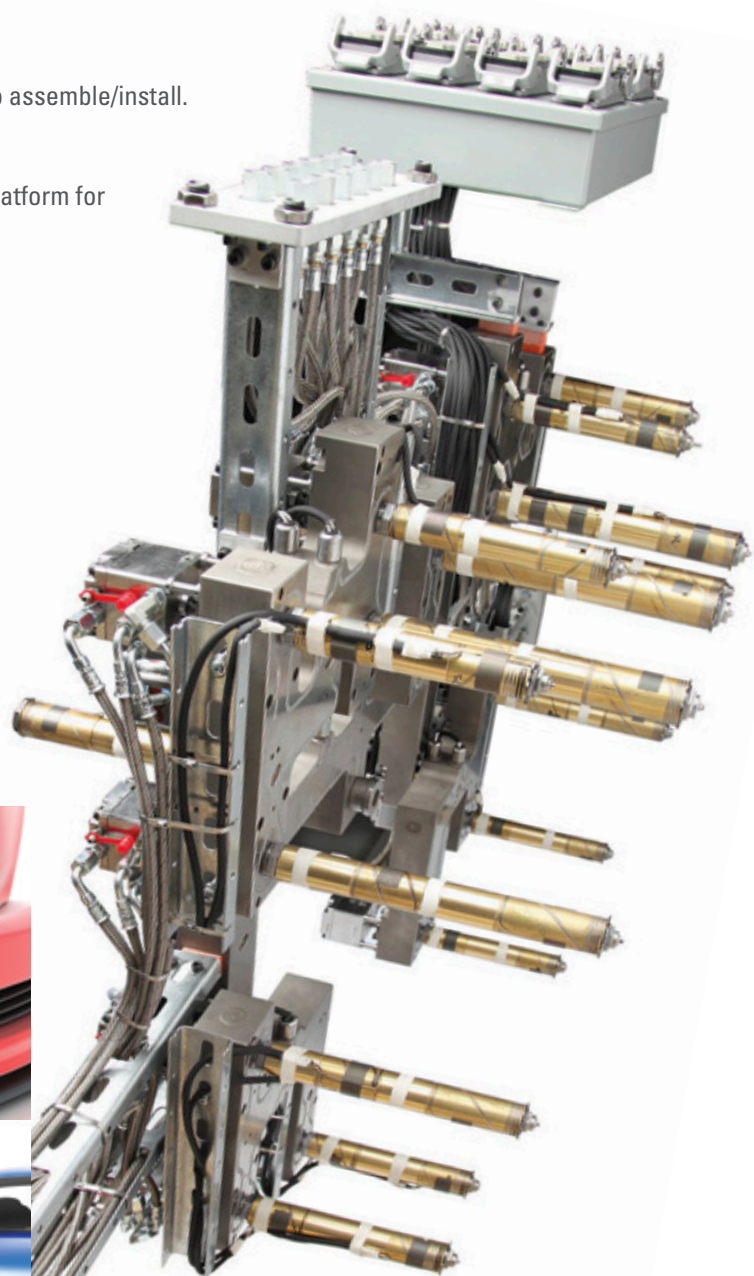
- Integrated leak proof protection.

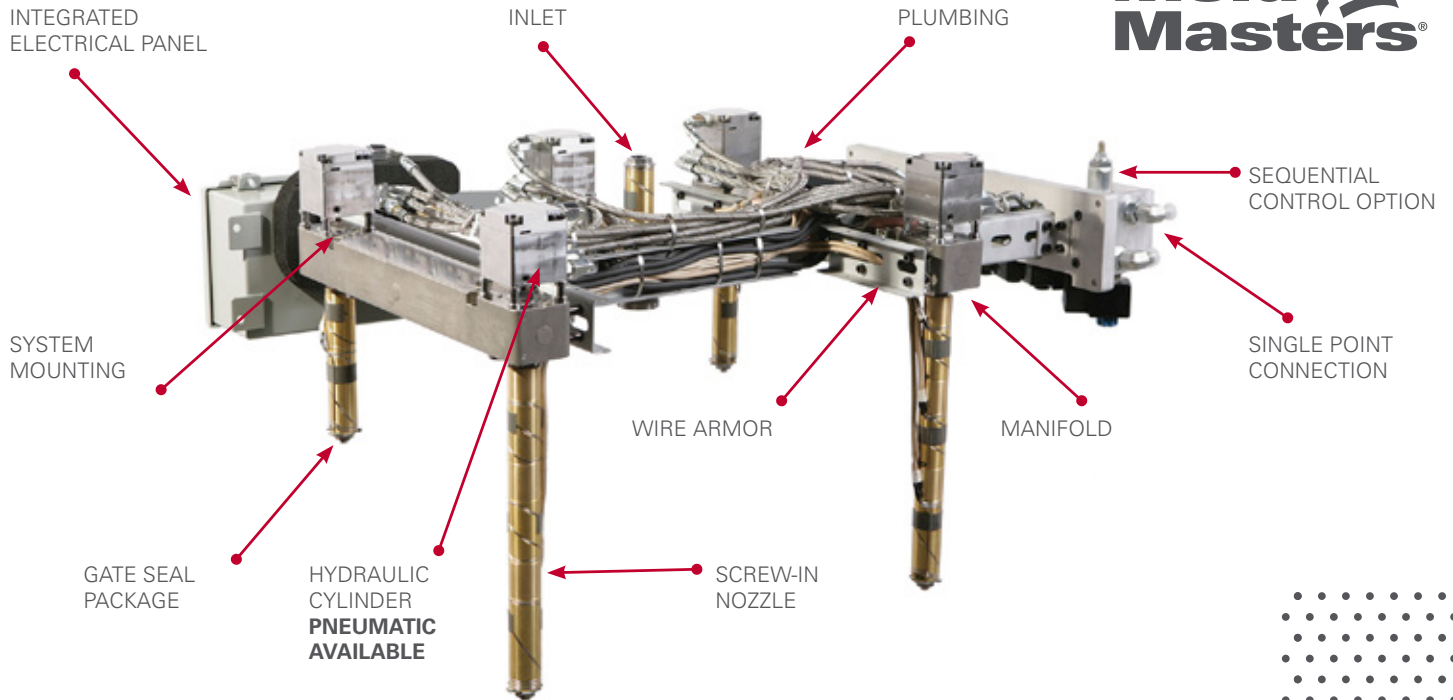
VALVE DISK DESIGN

- Rapid system color change capability.

CUSTOMIZABLE WITH A WIDE RANGE OF OPTIONS

- Get the exact system you require.





FUSION G2 NOZZLE RANGE

	SHOT WEIGHT PER GATE (Est.)	NOZZLE LENGTHS (mm)	NOZZLE MELT FLOW CHANNEL (mm)	VALVE PIN DIA. (mm)	HYDRAULIC PITCH SPACING (min.)	PNEUMATIC PITCH SPACING (min.)	MANIFOLD SPACING PLATE THK (min.)
F4000	15 g - 50 g	80 - 485	6(S)/8(V)	3	75 mm x 75 mm	75 mm x 75 mm	155 mm
F5000	50 g - 500 g	80 - 485	8(S)/11(V)	5	75 mm x 75 mm	90 mm x 90 mm	155 mm
F6000	500 g - 3500 g	80 - 700	12(S)/16(V)	6/8	75 mm x 75 mm	90 mm x 90 mm	160 mm
F7000	3500 g+	80 - 1000	18(S)/22(V)	8	75 mm x 75 mm	110 mm x 110 mm	215 mm

AVAILABLE GATING STYLES

VALVE GATING OPTIONS	THERMAL GATING OPTIONS
Bi-Metallic C-Valve	E-Type Torpedo (+Extended)
Hot Valve (+Extended)	F-Type Torpedo
	C-Sprue
	Hot Sprue (+Extended)

SYSTEM OPTIONS

- PN/HY sequential valve gate control (valve bank)
- Valve pin position monitoring
- Valve pin speed control
- Compound nozzle



TempMaster™ series M1plus

For peak performance and superior results, Mold-Masters recommends using TempMaster M1plus controllers with all Fusion G2 systems.