Slim-Stack



REDUCE STACK HEIGHT BY UP TO 40%

Introducing the industries most compact stack mold center section assembly. Available as an option on Master-Series Stack Mold Hot Runner systems, it is especially valuable on projects with stack height limitations. This advanced design incorporates inline actuators affixed to a single common manifold. Ideal for many Packaging, Personal Care, Medical and Caps and Closure applications.

KEY FEATURES

ADVANCED INLINE ACTUATOR DESIGN

- Simplifies designs by utilizing a single common manifold.
- Reduces stack height by up to 40%.
- Pneumatic, Hydraulic or Electric Actuation.

FRONT MOUNTED NOZZLE STACK DESIGN

- Allows for quick and easy maintenance.
- Nozzles and valve actuators are accessible from the parting line.

MORE ECONOMICAL UTILIZATION

- Compact design allows for wider injection machine compatibility.
- Potential for mold to be used on smaller machines.

OPTIMIZED RUNNER CHANNELS

- Enhances system performance.
- Stack height reduction allows for larger runner bores and shorter runner lengths.
- Lower overall pressure drop compared to traditional actuator designs.







COMPARE DESIGNS

Traditional



Slim-Stack



Nozzles are fed and actuated from a common single manifold

SPECIFICATIONS

Nozzle Range	Femto	Pico	Centi	Deci
Shot Size (g)	<10	10-20	15-50	50-500
Length Range (mm)	40-205	31-221	25-224	35-253
Runner Ø (mm)	6	7	8	11
Gate Sizes (mm)	0.6-1.5	0.6-2.5	0.6-2.5	0.6-4.0

*Only Centi is available as standard until further notice.



AVAILABLE VALVE GATING STYLES



Accu-Valve MX



Accu-Valve CX



Hot Valve





TempMaster M3, incorporating new TC-Connect Technology, allows molders to eliminate traditional TC cables from your molding cell. Recommended for all stack mold hot runner systems. Revolutionize your operation with TM-M3 and unlock your operations full potential with TempMaster.

C-Valve