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

Valve actuators are on two separate plates.

Slim-Stack

Nozzles are fed and actuated from a common single manifold.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Nozzle Range</th>
<th>Femto</th>
<th>Pico</th>
<th>Centi</th>
<th>Deci</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shot Size (g)</td>
<td>&lt;10</td>
<td>10-20</td>
<td>15-50</td>
<td>50-500</td>
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<tr>
<td>Length Range (mm)</td>
<td>40-205</td>
<td>31-221</td>
<td>25-224</td>
<td>35-253</td>
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<tr>
<td>Runner Ø (mm)</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>11</td>
</tr>
<tr>
<td>Gate Sizes (mm)</td>
<td>0.6-1.5</td>
<td>0.6-2.5</td>
<td>0.6-2.5</td>
<td>0.6-4.0</td>
</tr>
</tbody>
</table>

*Only Centi is available as standard until further notice.

AVAILABLE VALVE GATING STYLES

Accu-Valve MX  Accu-Valve CX  C-Valve  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.