

K2016 Preview

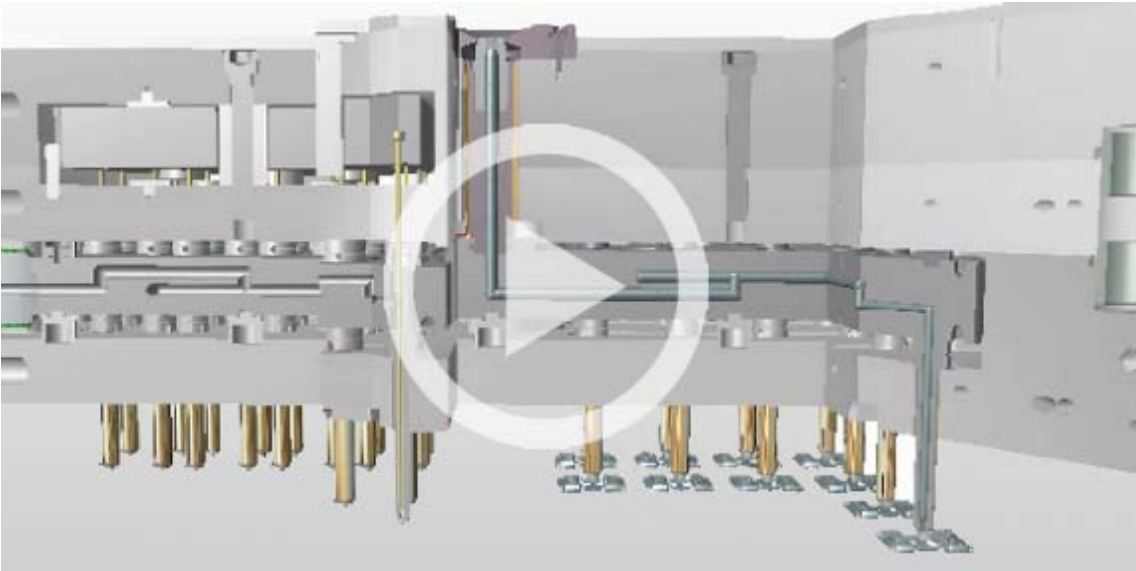
We invite you to visit our **Booth F03 in Hall 1**, where we will present our latest hot runner innovations that serve a broad range of customers in the plastic processing equipment marketplace.



Mini valve gate nozzle for small parts

- Nozzle diameter 11 mm
- Small pitch: 13 mm with plate actuated
- Gate area: 0.8 to 1.2 mm
- Possible to inject inside small parts
- Ideal for applications in cosmetics, medical, packaging and etc.

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Multimaterial injection with actuation plate

- Compact valve gate system and actuation
- Minimum pitch of nozzles and shut off pins
- Perfect synchronism in opening and closing the cavities
- Mechanical adjustment of needle length, independent on each single cavity (PATENTED)

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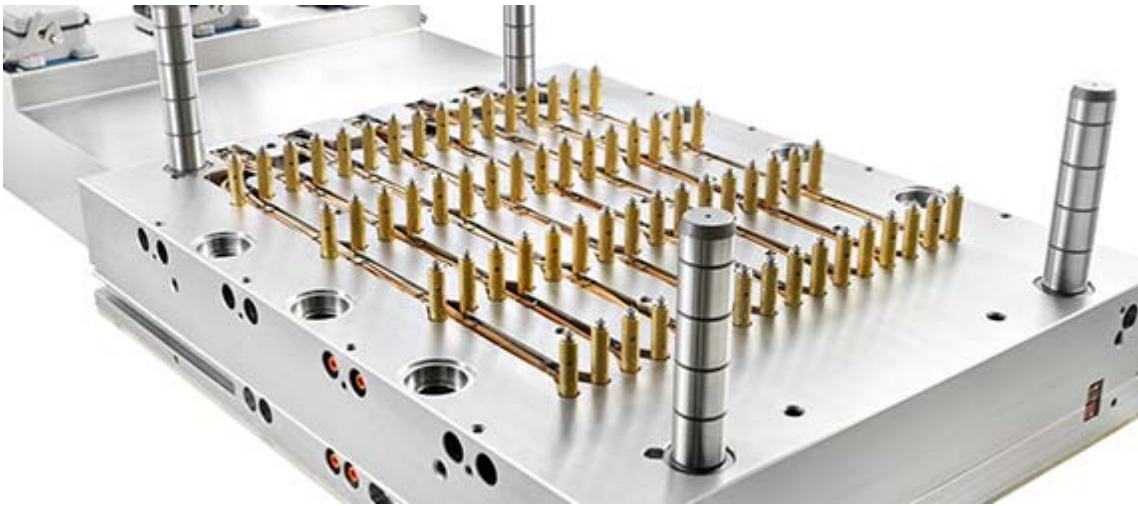


Thin wall injection for fast cycles

- Special nozzle and valve gate solution for "fast cycles" applications
- Improved sealing to compensate injection pressure increase in fast cycle production

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High cavitation systems for packaging market

With over thirty years of experience in injection systems, Thermoplay, with its vast range of products, is able to meet the challenges of multi cavity systems.

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Special solutions

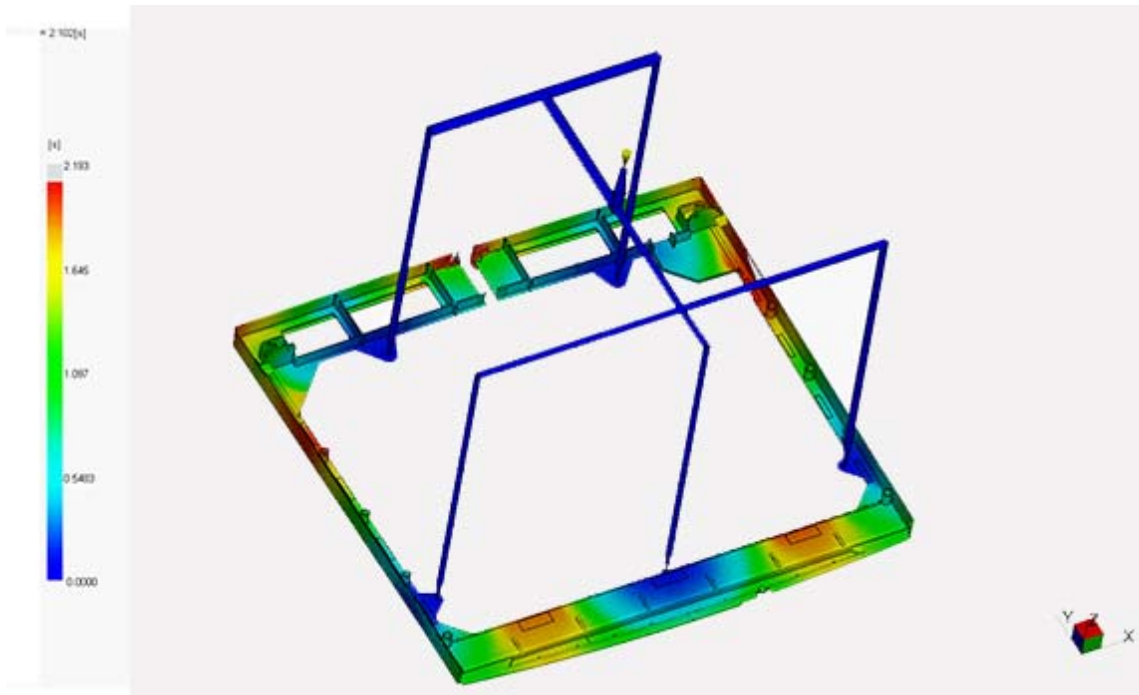
Thanks to many years of improved experience in hot runner systems design and manufacturing, Thermoplay is able to provide a complete range of special injection systems, suitable for any kind of application including multiple material plastic products and application to large moulds.

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[Edge gate nozzles](#)

[Multitip nozzles](#)

[Multitip edge gate](#)



Screw in nozzles and sequential injection

- Injection moulding of large dimension parts
- Patented innovative system to compensate the manifold expansion
- Sequential injection improves aesthetics and mechanical characteristics of the moulded parts

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Temperature controllers

- 16 A for each zone (3500 W)
- Synchronous increase of temperatures
- New smaller boards (max. 6.3 A for each zone) for heating the nozzles ...

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[Control unit EVO HP up to 240 zones](#)

[Control unit 24-48 zones](#)

[Control unit 6-12 zones](#)

Thanks to the strategic partnerships we develop with our customers during the design process, we are able to provide a high level of technical advice, in order to achieve the best solution for any type of injection requirement, thus optimizing the process and tool costs.

Get a complimentary consultation on your injection process with one of our in-booth experts.

We look forward to seeing you at K2016 !

Best regards

Thermoplay Marketing Team

MOLDING SOLUTIONS

Molding Solutions, a strategic business unit of Barnes Group Inc., provides high quality hot runners, molds and control systems to demanding global customers in the injection molding industry.

