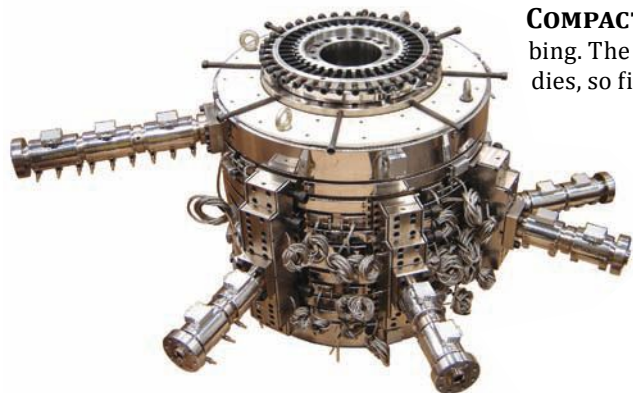


## DUAL SPIRAL OFFERS LIGHTER, COMPACT EXTRUSION DIE



**COMPACT COEX DIE** Dual Spiral Systems has introduced a modular extrusion die for blown film and tubing. The Compact Coex die has the same layer-splitting feature that is available on the company's traditional dies, so film properties have not been changed.

**WHAT'S NEW?** The smaller size. Both height and weight have been reduced by 50 percent compared to the company's traditional multilayer modular die system.

**BENEFITS** The die features faster heat up time, lower residence time in the die, faster purges and material changeovers and reduced energy consumption, all due to the die's reduced size. The lighter weight also allows for easier handling and moving.

*Dual Spiral Systems Inc., Mississauga, Ontario, 905-524-2438, [www.dualspiralsystems.com](http://www.dualspiralsystems.com)*

## CUSTOMERS HELP DEVELOP NEW VALVE GATE

**ULTRAHELIX** Husky developed its newest valve gate after extensive research into valve gate dynamics, wear and gate quality, and after seeking input from customers. The valve gate features thermal uniformity and results in high-quality parts for millions of cycles.

**WHAT'S NEW?** Husky introduced UltraHelix at NPE.

**BENEFITS** Very low total cost of ownership and improved part quality. With gate vestige nearly eliminated, the valve gate increases part quality. Mechanical wear on the valve stems and cavity steel is virtually eliminated.

*Husky Injection Molding Systems Ltd., Bolton, Ontario, 905-951-5000, [www.husky.co](http://www.husky.co)*



## CONTROL SYSTEM TRACKS WATER FLOW, TEMPERATURE IN MOLD

**SYSTEM COOLING** AST Technology's platform is designed to monitor flow and temperature circuits within an injection mold. Users can monitor data via a remote, mounted touch screen controller that will monitor and display the flow and temperature for every circuit.

**WHAT'S NEW?** Its official release at NPE. It is a comprehensive system for tracking water flow and temperature throughout the entire mold.

**BENEFITS** Because cooling makes up 60 percent of a mold's overall cycle time, this platform can be used to help reduce or control cycle times and stabilize part quality. With the touch-screen controller, users can set warning and alarm limits for flow and temperature to all zones individually; view current status graphically or as text; feed alarm signals to an ancillary device (alarm tower, hot runner controller or molding machine); and store data and mold setups in the internal memory where they are time- and date-stamped for traceability.

*AST Technology North America Inc., Wauconda, Ill., 847-487-1000, [www.asttech.com](http://www.asttech.com)*



### GUARANTEE THE SUCCESS OF YOUR TOOLS

Others' parting line locks on your molds can result in premature wear and costly mold damage. Progressive's Z-Series Locks are independently tested and proven to go the distance:

- No wear after cycling 40 times longer than "look-a-like" locks
- Full range of sizes compatible with standards from US, Europe, China

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START SPECIFYING THE BEST.**