

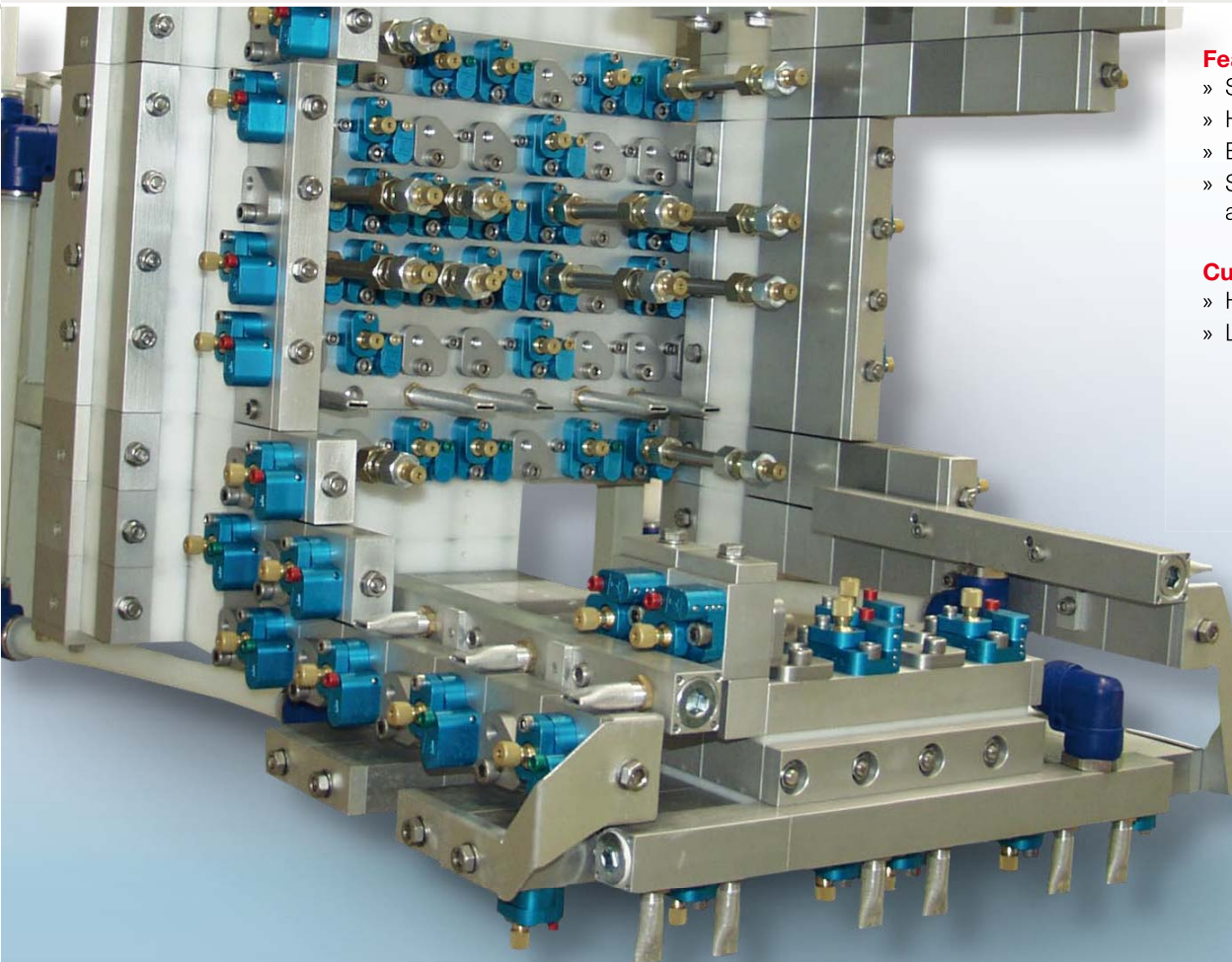
Deltacast® FlexTool™

More Efficiency in Pressure Die Casting



The Next Generation in Spraytool Technology

The high-performance spraytool Deltacast® FlexTool™ provides high reliability and flexibility, a modular concept and the ability to tailor-suit spray and blow patterns. It enables foundries to significantly increase productivity, reduce lube consumption and lower production costs.



Features & Benefits

- » Shorter cycle time
- » High reliability
- » Efficient lube spray
- » Simple modification and maintenance

Customer Value

- » Higher productivity
- » Lower cost per part



Perfect Lubrication for casting or forging dies needs a perfect application technology - this was the driving force to found the engineering site in Dornstadt in 1973. Since this time the Acheson spraying technology has pioneered the development in this special market segment. Under the flags of Acheson spraying systems 'Made in Dornstadt' helped to improve numerous customer processes. Since 2010 AED Automation is a vital part of the Wollin Group. AED Automation offers a complete line of high performance spraying systems, lubricant mixing and dosing units and foundry automation solutions. Our technology is accompanied by a comprehensive set of services and expertise. Improving your process and parts quality with state of the art cycle times is our passion.

1. Modularity

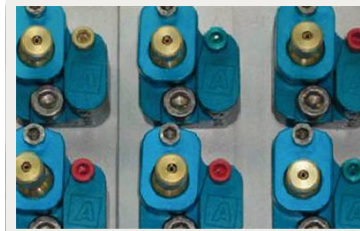
Due to the spraytool's fully modular concept, it conforms easily and well to the die's shape. This contributes to reduced spray times. The spraytool can also be easily modified to accommodate specific die requirements. Its low weight protects the reciprocator and ensures more dynamic movement, further reducing cycle time.

2. Increased Air and Lube Supply

The Deltacast® FlexTool™'s air and lube supply lines have a higher capacity than those of other state-of-the-art spraytools. This allows more powerful spray patterns where required, contributing to shorter cycle times. In combination with Acheson DAG® 1000 MCT reciprocators or DAG® 3000 FLT robotic spray system, a significant productivity increase can be achieved.

3. Atomization and Spray Technology

The Deltacast® FlexTool™'s nozzles use external atomization and provide a homogeneous, finely atomized spray pattern, even when extension tubes are attached to the spray heads. The nozzles contain no moving parts and are wear-resistant and maintenance-free. When used in combination with Acheson DAG® 1000 Spray Equipment or DAG® 3000, the Deltacast® FlexTool™ ensures excellent control of flow and on/off functions. This allows a high-precision spray cycle, prevents dripping and leads to reduced lube consumption.



4. Flexibility

With up to 8 independent spray circuits and 2 blow circuits, the Deltacast® FlexTool™ ensures maximum flexibility. All spray circuits can be utilized on either side of the die, and groups of nozzles can be assigned to different circuits, as the specific requirements of the die demand. This helps reduce spray and blow time as well as lube consumption.

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