



## THE COMPETITIVE ADVANTAGE FOR U.S. MOLD BUILDERS.

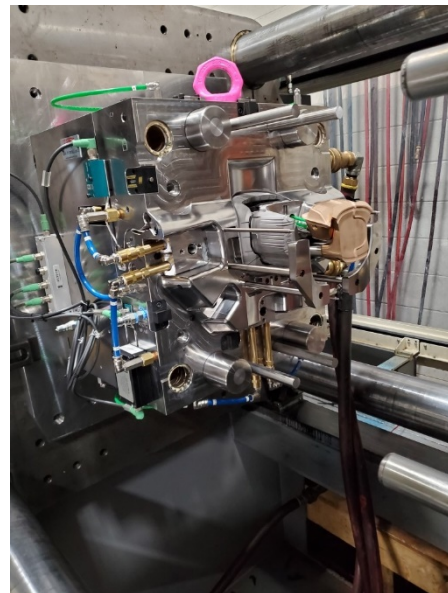
**FOR IMMEDIATE RELEASE**

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### AMBA Announces 2021 Sourcebook Cover Winner

**Indianapolis, IN** – AMBA proudly announces the winner of its 2021 Sourcebook Cover Contest - Ameritech Die & Mold, Mooresville, NC - established to promote the quality craftsmanship of AMBA mold manufacturers. This year's cover features an example of a high-tech, high-efficiency mold for a Class A automotive application that utilizes a sequential valve gate manifold and RJG monitoring technology to create a stable and controlled process through adjustable pressure/temperature settings.

The mold is of a driver's side airbag cover for a specialized electric-powered delivery vehicle for a large online retailer in the U.S. The mold features extreme, thin-wall sections in the middle of the part, creating pressure fluctuations in the processing of the part. The part geometry requires buried slide actions and two-stage ejection with decelerated lifters. Venting, cooling and ejection are maximized to improve part appearance and cycle time.



The mold is completely machined to a Net 0 stock level that doesn't require hand fitting or spotting. It also means that the total parting line seals off against both halves, ensuring that the vents will not coin in and close, disturbing the initial process that is used to establish a sound quality part. This design provides Ameritech Die the ability to make repair/replacement features in the event of a crash or any damage, without having to receive the mold back into its shop. "We can machine from the original CAD models to Net 0 stock and ship the piece to our customer, who is then able to install the new part back into the mold and be up and running in record time," explained Ameritech President Steve Rotman.

"The mold exemplifies near-perfect execution on first shots with a very difficult part design with severe undercuts, which challenge the idea of ejecting the part without any distortion or else the tear seam areas will show on the face of the parts," Rotman explained. "We believe this mold exemplifies American engineering and craftsmanship at its finest."

The AMBA *2021 Sourcebook* is currently in production. To view a copy of the AMBA *2020 Sourcebook*, visit [AMBA.org](https://www.amba.org).

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### **About the AMBA**

The American Mold Builders Association (AMBA) is the only organization dedicated to elevating the competitive advantage of U.S. mold builders. AMBA provides workforce development initiatives, networking, benchmarking opportunities and industry promotion. AMBA members receive a variety of additional benefits, including access to cost-reduction programs, visibility to mold buyers and problem-solving resources that give members a competitive advantage. To learn more about AMBA membership and ongoing initiatives, visit [www.amba.org](https://www.amba.org).

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