

NORTH CAROLINA MOLDING MANUFACTURER BURSTS ONTO THE PHARMACEUTICAL SCENE WITH HELP FROM NCMEP PARTNER

ABOUT CORE TECHNOLOGY MOLDING CORP. Core Technology, established in 2006 and located at Gateway Research Park in Greensboro, North Carolina, is a plastic injection molding supplier to several industries. They serve the biological pharmaceutical, automotive and heavy truck appliance, outdoor lawn equipment and aerospace industries, and a list of prominent customers includes Merck, Pfizer, BMW Manufacturing, Volvo, Mack Trucks, Volvo Cars, Husqvarna and more. Core Technology's strategy is focused on providing integrated and innovative plastics solutions to the world's leading companies, thus offering lower pricing by removing costs.

THE CHALLENGE. The past two years have resulted in many challenges for manufacturers but some manufacturers were given unforeseen opportunities in a few instances. Core Technology is one of those fortunate manufacturers whose capabilities enable them to provide pharmaceutical companies with the materials needed for mass vaccine delivery. Core Technology reached out to North Carolina Manufacturing Extension Partnership (NCMEP) partner, NC State Industry Expansion Solutions (IES), part of the MEP National Network™, for training to hone their pre-existing skills and learn about pharmaceutical manufacturing.

MEP CENTER'S ROLE. In early 2021, Core Technology reached out to NC State IES to conduct Good Manufacturing Practices (GMP) training. "We got some pretty impressive training facilitated by NC State IES. It was custom training focused on what we needed; we didn't waste time on things we wouldn't use day in and day out," Geoff Foster, founder and president of Core Technology, said. NC State IES ordered the training materials, coordinated with the instructor and created specialized training focused on vaccines and assembly. In the end, NC State IES provided Core Technology with its certificate of completion, leaving them with the employee training and knowledge to view their business in the pharmaceutical industry.

Foster and Core Technology are moving ahead full steam. The company is expanding its current facility to handle the new demand. "Because of the growth, we're adding onto our building this year; we've added so much automation since the pandemic began," Foster said proudly. Foster also noted an amazingly low defect level due to their NC State IES quality training in 2021. Core Technologies' manufacturing defect level when working with Merck was zero.

"They're phenomenal - their experts don't quit until they know your organization has accomplished a training goal."

-Geoff Foster, Founder and President

RESULTS



\$1,000,000 in increased or retained sales



\$125,000 in cost savings



20 created or retained jobs



\$700,000 in new investment

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