

Brown Tool and Mold to Invest in New Technologies to Expand Volumes and Customisation of Products

North Carolina: Brown Tool and Mold, a leading mold maker in North Carolina, USA, is planning to invest substantially in new technologies to fast-track production and delivery.



Charlotte, North Carolina Jan 2, 2026 ([Issuewire.com](https://www.issuewire.com)) - According to the CEO, it will start steps to integrate automation and robotics to boost efficiency, enhance precision, and reduce labor costs.

As a well-known mold maker in North Carolina, BTM has been in business for many decades. Its strengths range from specialization in custom plastic parts to various resins and metals. It serves clients from various industries, with the bulk belonging to medical devices, aerospace, and automotive sectors.

The complete solution provider undertakes a full range of services, including design and engineering to high-volume manufacturing.

On the automation front, [mold maker Western North Carolina](#) plans to use collaborative robots, or cobots, to work alongside human operators to handle repetitive tasks and reduce cycle times. The company also has plans to augment the division of micro-injection molding, as there is a surge of demand from the consumer electronics and medical device sectors.

Micro molding involves the production of minuscule, high-precision components. Similarly, additive manufacturing, or 3D printing, will also expand to create rapid prototypes and uniquely shaped tools for conventional production.

In the array of new technologies, AI-assisted design will get a leg up to create mold designs and also to simulate product performance for faster product development. Other investments will be in proprietary automation and all-electric molding machines.

Impressive track record

The quick manufacturing times of the [mold maker in North Carolina](#) help in volume production for the clients.

The CEO said the company's design capabilities are well known; it produces intricate and complex designs with the best accuracy to produce items with complex geometries impossible to accomplish using other manufacturing techniques.

The mold maker in western North Carolina is also working on a new type of versatile polymer that will give each finished product unique looks and qualities.

There is a high commitment to quality, and it aims to make the work of OEMs very easy to develop products more quickly.

Best outlook

The demand for durable, precision-engineered products and components is up. The end-user companies are looking for the best injection molding companies to enhance production and innovation.

The CEO expressed optimism that the mold maker North Carolina, with its profile as a leading provider of solutions like plastic injection molding, material handling, and tailored development, will handle more clients in the coming days who are looking for high quality and sustainability standards in various products.

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