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PROTO LABS LAUNCHES INSERT MOULDING GLOBALLY

Proto Labs, a leading digital manufacturer, officially launches insert moulding, supported by a fully automated quoting and manufacturing process, across its global business. This advancement is part of Proto Labs' continual investment and development of its injection moulding portfolio.

“Our European business has offered insert moulding for some time. These advancements in our software are part of our continued line of improvements; customers now gain faster production times and a significantly improved online quoting experience,” said John Tumelty, Vice President and Managing Director at Proto Labs EMEA.

Insert moulding is the process of overmoulding thermoplastic material around a preformed component (an insert) to create a finished part that incorporates multiple materials. The inserts are generally metal parts that are used to reinforce the mechanical properties of the plastic part. The metal inserts are placed into the mould to form the part.

A variety of components are manufactured with insert moulding, such as electronic parts, medical equipment, housings, knobs, handles and dials, and are found in several industries, such as medical, automotive and consumer products. Product designers and engineers frequently turn to insert moulding for improving part strength while trimming part weight and reducing assembly costs, production time and labour.

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About Proto Labs

Proto Labs is the world's fastest digital manufacturing source for custom prototypes and low-volume production parts. The technology-enabled company uses advanced 3D printing, CNC machining and injection moulding technologies to produce parts within days. The result is an unprecedented speed-to-market value for designers and engineers and an on-demand resource throughout a product's life cycle. Visit protolabs.co.uk for more information.

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