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Understanding the intricacies of micro molding by James Blee

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In the realm of manufacturing or producing plastic parts, particularly the micro-featured and high precision ones, micro molding plays an important role. In the injection molding industry this is indeed a new niche that has attracted the interest of manufacturers and designers. In fact trade magazines are flooded with articles on micromolding. Due to differing definitions about this process a lot of people get confused regarding its functionality. So here is a simple explanation that will put to rest the confusion surrounding this aspect of the injection molding process.

Generally speaking the term â€˜microâ€™ makes people believe that it is size that micro molding is all about but actually there are other things involved too. Of course the process does mold something small but it is done efficiently and with high precision. These are the two important hallmarks of micro molding. Therefore micro molding is a process through which billions of small plastic parts are molded with the same precision.

You will find manufacturers of injection press selling this machine to buyers looking for one that has micro molding features. Now this is not completely true because this process of molding cannot be classified only through hardware. It also requires other elements like innovation, processing and expert tool building. Moreover the process must involve artistry as well as ingenuity otherwise customers are likely to reject the end product. Today modern manufacturing has high demands and to meet those consistency and efficiency in production of parts is very essential. Thatâ€™s what micro molding is all about.

This is a new and novel process, but there are manufactures who have mastered this process, because, they have years of experience in this field. Buying a piano will not make you a virtuoso within one night. You need consistent practice and this process is also the same.

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