

# PLASTIC INJECTION SERVICES

Mold Masters Company offers custom plastic injection molding based on customer specific requirements.

Prototype to high production volumes.

<b>Material</b>	ABS Polycarbonate Polycarbonate / ABS Polypropylene HDPE/LDPE Acetyl Polyurethane
<b>Melt Temperature</b>	0 to 600 F
<b>Machine Max Velocity</b>	0 to 5 in/s
<b>Min/Max Clamp Tonnage</b>	85 ton / 2450 ton
<b>Shot Size</b>	5 to 288 oz.
<b>Part Thickness</b>	.5mm – 4.0mm
<b>Tolerance (+/-)</b>	Customer Specific
<b>Secondary Services</b>	Part Assembly Heat Staking, IR, Sonic and Ultra Sonic Welding Last Place Fill Monitoring Clip Driving / Clip Presence Moisture Testing Weld Pull Testing
<b>Surface Finish</b>	SPI All Engineering Grain Requirements EDM Vapor Hone
<b>Additional Services</b>	APQP – Advanced Product Quality Plan Engineering Part Design / Part Design Review Mold Design / Mold Design Review Secondary Equipment Design / Build Mold Flow Inspection – CMM Layout