Teel

Injection Molding

Engineered Solutions for Highly Regulated Markets

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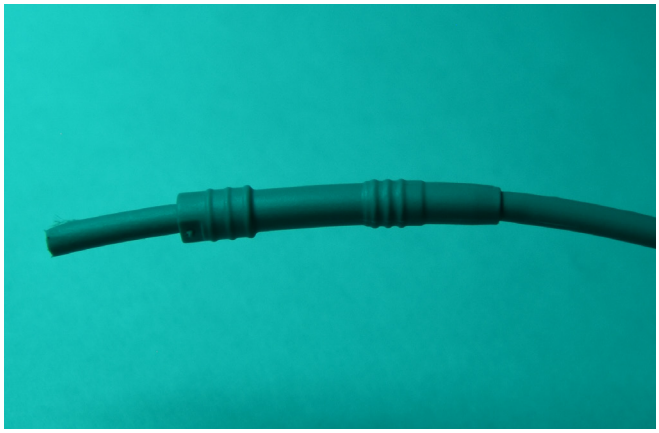
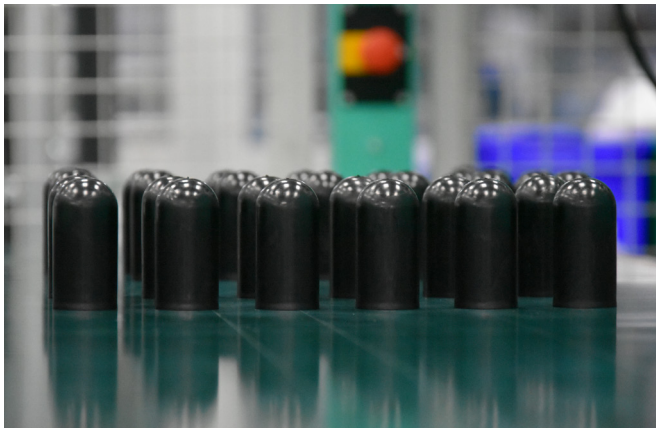
Teel takes medical and industrial injection molding projects from concept to production. We currently have 17 Arburg injection molding machines sized to application within a 110-350 ton range and offer clean room molding and overmolding services. Fifteen of our Arburgs are fitted with robotic capabilities. We take a Scientific Molding approach to part and process development as we seek to create the best part at the lowest manufactured cost. We have a team of dedicated and experienced engineers capable of working with your team on part design, development, and realization. We follow a “design for manufacturability” philosophy and make sure parts are developed that work right the first time without the need for costly mold revisions. Make Teel your injection molding partner today.





Reach out today to start a discussion with our team of dedicated and experienced engineers.

Learn more at www.teel.com.

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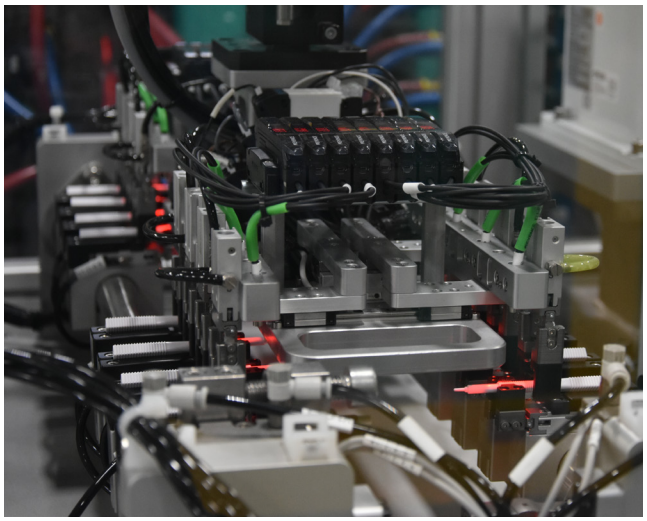
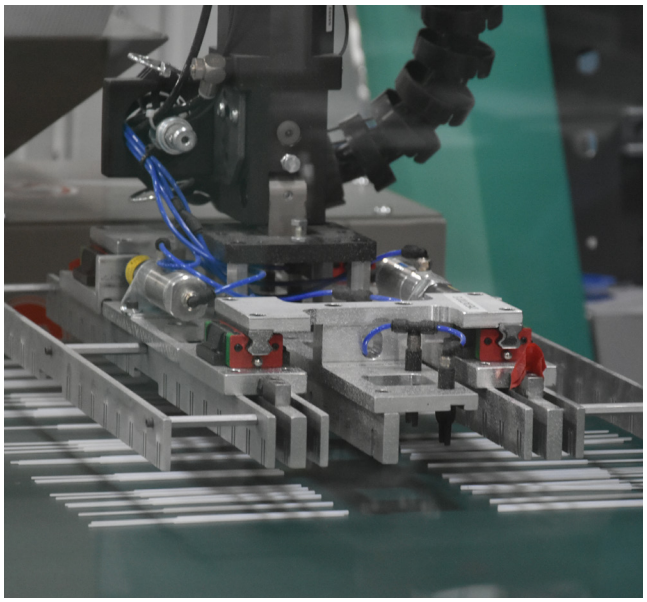




Machine Capabilities

- Seventeen machines with thermoplastics molding capability, sizes ranging from 110-350 tons, with shot sizes from under five ounces to over two pounds.
- High-precision, multi-cavity molds with four to 64 cavities.
- Electric machines for precision molding applications.

Automation

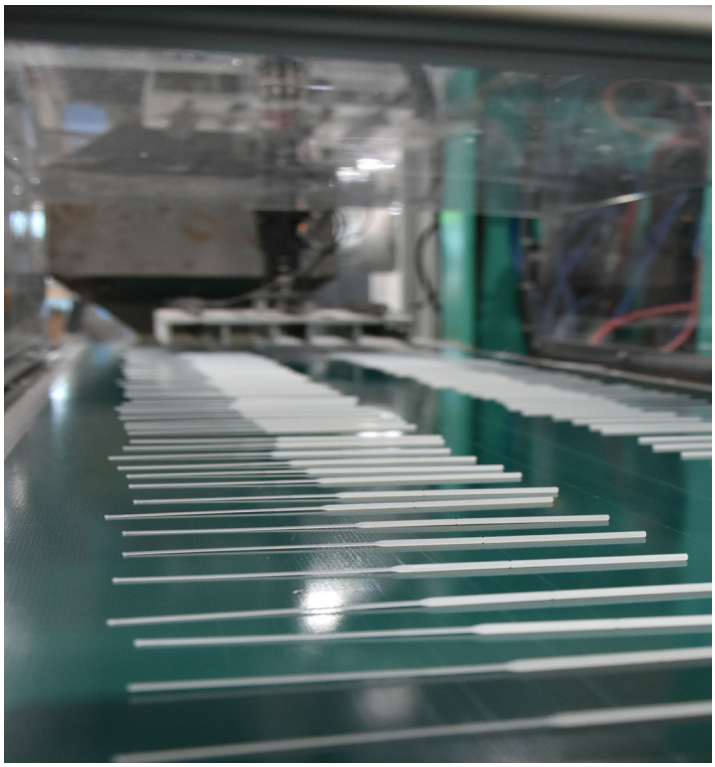
- Linear robotics for part removal, palletizing, or automated insert loading.
- Robotics cable of integrating into a secondary assembly system.
- Custom packaging configurations available, including orientation and tray loading.

Clean Room Molding

- Two clean room injection molding machines capable of equipping 25mm-45mm barrels
- Shot sizes ranging from 3oz-8oz
- Equipped with linear robotics for part handling

Overmolding

- Capable of molding over tubing or other components for complex assemblies
- Hand or robotic loading of inserts available depnding on part needs



Material Capabilities

- Capable of running any high temperature or engineering grade materials, including FEP, PFA, and PEEK
- Capable of running elastomers, including soft TPE and urethane materials
- Capable of running standard fillers, like calcium carbonate and talc, as well as long aspect ratio and reinforcing materials like glass and carbon fiber

Development Capabilities

- Mold flow analysis standard prior to development and mold build for warp and defect prediction.
- 3D-printed insert technology for rapid prototyping in the specified material
- Mold builders from a local network with recognized expertise
- Established mold certification procedures, including IQ/OQ/PQ support to confirm process capabilities