

# Injection Molding

**ARBURG**  
ALLROUNDER 520 E  
165 tons  
EDRIVE

IM01

**ARBURG**  
ALLROUNDER 520 E  
165 tons  
EDRIVE

ROB03

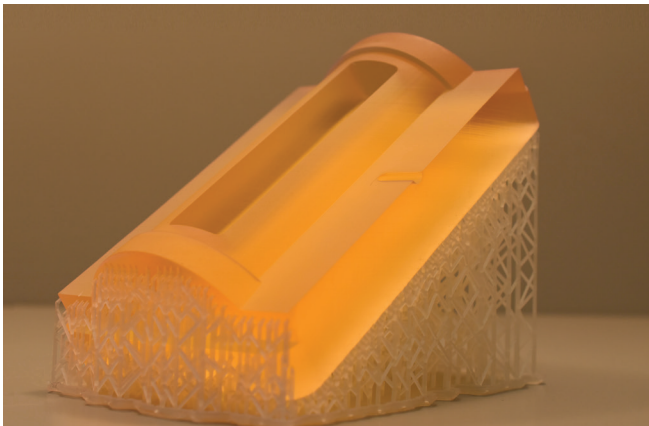
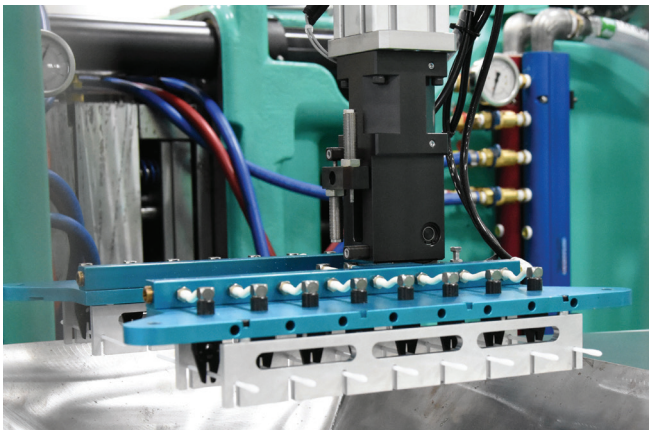
IM04

Shurtape  
PACKAGING TAPE



## Injection Molding

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. Fifteen of our Arburgs are fitted with robotic capabilities. We take a Scientific Molding approach to part and process development ensuring we can 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

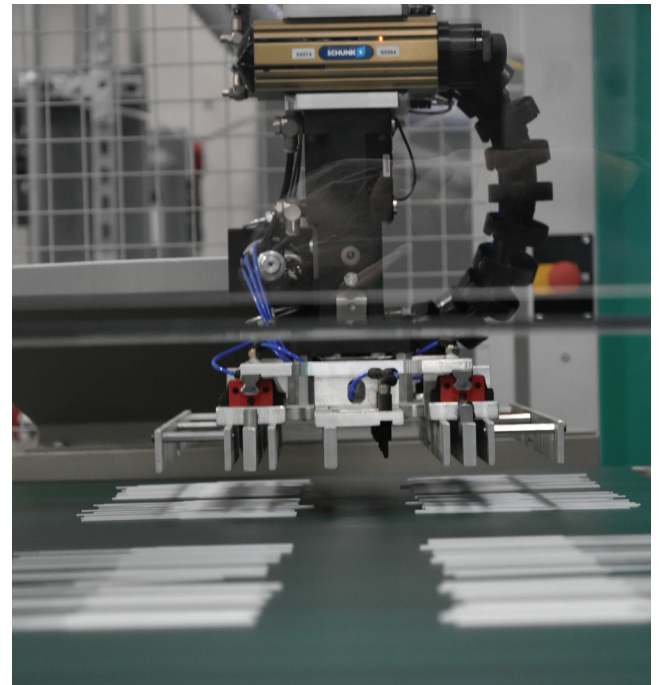
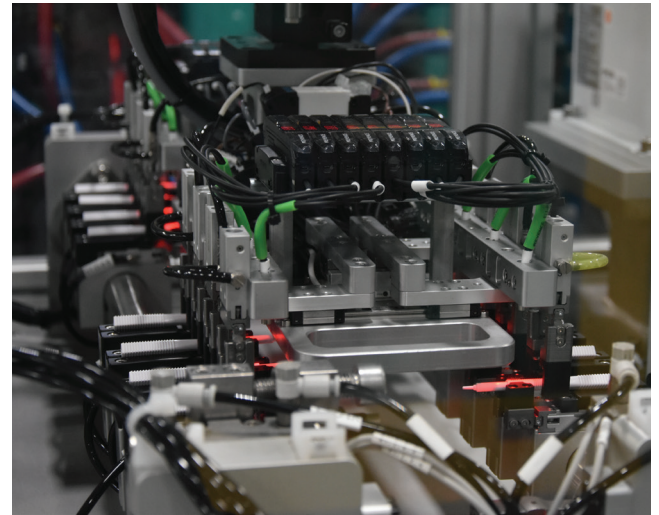


Reach out today to start a discussion with our team of dedicated and experienced engineers.

Learn more today at [www.teel.com](http://www.teel.com).



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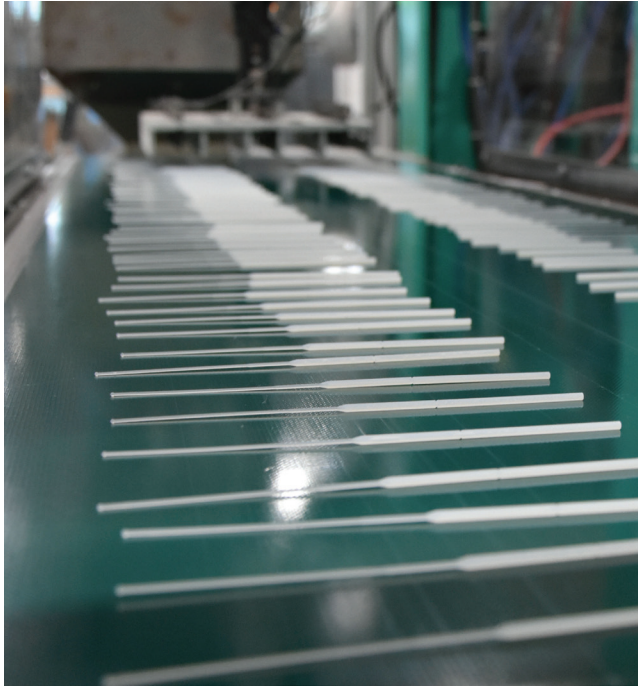
## Machine Capabilities

- 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 ranging from four to 64 cavities.
- Electric machines for precision molding applications.
- Hydraulic machine for high-speed applications, reaching sub-four-second cycle times.

## 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.





## 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.

