

Contract Manufacturing Capabilities

Ambrit Engineering is a local and global contract manufacturer for Healthcare, Aerospace, Commercial and Consumer products. We specialize in being an integrated manufacturing partner for precision plastic injection molding through to final assembly. Our 50 year legacy, turn-key expertise, and reputation for quality and service ensures your project success.

Ambrit Engineering Corp. offers the following services:

- In-House Mold Design Services including Mold Flow Analysis
- Full Service In-House Tooling Capabilities, including New Builds, Maintenance & Repairs
- Off Shore Tooling Partnerships
- 27 Injection Molding Machines ranging from 33 ton to 500 ton
- ISO Class 8 Clean Room Molding (Class 100,000) – 33 ton to 110 ton
- Molding Process Development utilizing Scientific Molding Methodologies
- Manufacturing/Process Engineering – Full Process Validations, IQ, OQ, PQ & PPAP
- Assembly and Secondary Operations including, Machining, Pad Printing, Ultrasonic Welding, Heat Staking, Leak Testing, Annealing, Sub Assembly
- QA Inspection Lab equipped with Optical Gaging Products SmartScope CMM and Vision Engineering Mantis Microscope
- Materials Management
- Inventory Management Programs
- Dedicated Customer Service Representatives
- Dedicated Program Management
- Engineering Services

The Ambrit Engineering Corp. team welcomes the opportunity to discuss your current and future injection molding tooling systems, molded components, assemblies, and related engineering services needs.

Located in Southern California in the city of Santa Ana, minutes away from John Wayne Airport, Ambrit Engineering Corp. is conveniently located to serve not only the Southern California market, but national and international markets as well.

