

# Eldon James

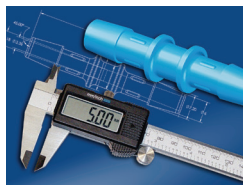
## Our Company

Eldon James Corporation is an innovative, ISO 9001 and ISO 13485 certified, world class manufacturer and global supplier of proprietary and customized tubing and connection solutions.

Since 1987, Eldon James has become a leading manufacturer of quality plastic tubing and connectors for multiple industries including biomedical and life sciences, food and beverage, automotive and general purpose. All tubing and connectors are 100% PVC-Free and BPA-Free.

We employ the best and brightest people empowered with state-of-the-art equipment, tools and processes resulting in world class products sought after by a global market.

We embrace our values to provide customers with exceptional service and products. We are committed to continuously learning, using, and improving strategies to enable global competitiveness. We are dedicated to supporting community improvement, education, and environmental stewardship.



## Products and Services

### Injection Molding

Our investment in the best molding equipment and tooling allows us to manufacture to tight tolerances for millions of parts that are produced monthly. With over 6,000 parts, Eldon James manufactures a wide variety of materials and enjoys selling to a diverse range of industries.

### Extrusion

With 26 standard constructions of tubing that are 100% PVC-Free, Eldon James' 5 extrusion lines are unique in our industry. Our multiple extrusion lines are capable of producing tubing from Microbore® sizes up to 1". Tubing manufacturing capabilities also include co-extrusion, multi-lumen tubing, tube striping and other custom applications.

### Assemblies

Engineering and innovation have led to the development of single barb fittings. These revolutionary fittings require NO ADHESIVES when used with EJ BioMed tubing made from Thermoplastic and Polyolefin Elastomers. LaserWeld™ and LaserClamp™ welding technology eliminates the need for clamps on tubing assemblies.

### Partnership Engineering & Thermoformed Tubing

Partnership and contract engineering are specialties that Eldon James offers for custom tubing and connector applications. CAD modeling and 3D printing have opened up opportunities to co-develop new innovations with our partners. From custom connectors to specialty tubing designs and materials, our development and engineering capabilities are a distinct advantage for our customers.



**EJ BioMed**

**EJ Beverage**

**EJ Automotive**

## Facility

Eldon James Corporation state-of-the-art manufacturing facility constructed in 2013, occupies over 75,000 square feet in Denver, Colorado.

Our 15,000 square foot cleanroom allows for extrusion, injection molding, assembly and packaging in a single ISO Class 7 cleanroom environment.

Our automated resin delivery system allows our injection molding and extrusion lines continuous material feed in a closed loop system. This minimizes contamination and allows for 24/7 manufacturing.

## Innovations

Single Barb Fitting

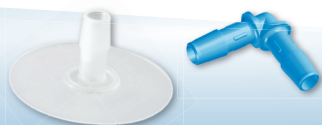
SeriesLock™ Aseptic Quick Disconnect Fittings

Antimicrobial Protected Products

Adhesive Free Assemblies

PVC/DEHP Free Tubing and Connectors

Partnership and Contract Engineering





## Equipment

### Injection Molding

Nissei Press- 30 Ton (Electric) (2)  
 Nissei Press- 44 Ton (Electric) (3)  
 Nissei Press- 66 Ton (Electric) (2)  
 Nissei Press- 50 Ton (Electric) (6)  
 Nissei Press- 80 Ton (Electric) (6)  
 Nissei Press- 110 Ton (Electric) (3)  
 Cincinnati Roboshot 55 Ton (Electric) (2)  
 Cincinnati Roboshot 110 Ton (Electric) (1)  
 Cincinnati Roboshot 165 Ton (Electric) (1)  
 Cincinnati Milacron 55 Ton (Electric) (1)  
 Cincinnati Milacron 85 Ton (Hydraulic) (1)  
*Injection machines are equipped with a Yushin Sprue Picker*

### Extrusion

American-Kuhn 1 1/4" Co-Extruder (2)  
 American-Kuhn 2" Extruder (1)  
 Davis Standard 2 1/2" Extruder (1)  
 Davis Standard 3 1/2" Extruder (1)  
*Extruders equipped with Conair Cooling Tank, Puller/Cutter, Takeaway/Blow-Off Conveyor and Spooler*

Extrusion Quality - Beta LaserMike (5)  
 Domino Inkjet Printers (3)

### Raw Material Delivery System

Motan (2) - Includes Dryers, Blenders, Vacuum and Filters to all presses and extrusion lines - Industrial and Cleanroom

### Packaging

Eastey Belt Puller/Heat Sealer (1)  
 Eastey Shrink Wrap Oven (1)  
 Floor - Bag Heat Sealer (2)  
 Sharp Auto Bagger with in line Printer (1)  
 Advanced Poly Auto Bagger with in line Printer (1)  
 Advanced Poly Manual Bagger with in line Printer (1)

### Grinder

MPG and Rapid Force (14)

### Compressor - Plant Wide

Kaeser Compressor

## Capabilities

### Injection Molding Capabilities

- 30 to 165 ton presses
- Energy efficient electric presses
- Best in class tooling
- 24/7 automated production
- Automated closed loop resin delivery system

### Extrusion Capabilities

- Single extrusion, co-extrusion and multi-lumen, tube stripping
- Multi-pass downstream
- Real-time Beta LaserMike Dimensional Monitoring
- In-line printing, automated cutting and coiling
- Microbore® up to 1" diameter tubing
- Thermoforming

### Partnership Engineering & Contract Manufacturing

- CAD design, development and modeling
- 3D printing
- Custom thermoformed tubing
- Custom assembly development
- Custom materials

### Secondary Assembly & Packaging Equipment

- Tip and punch
- Automated barbed fitting assembly
- Special Packaging
- Inventory Management
- Automated assembly coiling
- LaserWeld™ and LaserClamp™ welding technology
- Ultrasonic welding - Prototype and R&D Only
- Heat shrink packaging tunnel