



# TRION® CAPABILITIES

## Capabilities Summary

**Specialists in . . .**

**Wire Forming, Metal Stamping,  
Plastic Extrusion and  
Injection Molding**

### High-Speed Wire Forming:

Computer-controlled, infinite length, three-dimensional bending, forming and straightening on single- and multi-slide, multi-feed machines working from 11 gauge (0.120") to 3/8" (0.375") diameter wire and lengths up to 55". Individualized automated workflows for high volume or short run needs.

**Progressive Metal Stamping:** Automatic blanking, multi-slide forming machines and high-speed, computer-controlled, servo-fed presses ranging from 45 to 80 tons capable of the most intricate part designs. Material working thickness range from light strip to 11 gauge (0.120") and up to 6" wide.

**Plastic Extrusion:** Plastic co-extruders capable of extruding up to four dissimilar materials into one profile with downstream assembly, cutting, punching and packing equipment.

**Material Specifications:** Low and high carbon steel, alloy steel, stainless steel, and non-ferrous metals in strip and wire form shapes. Extrudable plastics (including specialized cooler and refrigerator formulations compatible to 15 degree Fahrenheit) and injection molding plastics from inexpensive commodity resins to engineering-grade polymers.

**Finishes:** Uniform, high-quality powder coating, sophisticated "crackle" and "marbleized" powder coating finishes and painting. The working of materials with galvanized and other pre-plated finishes, or outsourcing of completed parts or assemblies for post-manufacturing plating or finishing.

**Secondary Capabilities:** Automated assembly, automated resistance welding, hydraulic presses for punching, blanking, forming, and assembly, cold heading, air benders, spot welding (5 to 150KVA transformers), straighten and cut machines and ultrasonic welding of plastics.

**Plastic Molding:** State-of-the-art injection molding presses with capacities from fractional to 43 ounces and clamping force from 25 to 400 tons employing a full range of modern thermoplastic materials from economical commodity resins to engineering-grade polymers.

**Thin Plastic Heat Bending:** Manufacture and automated heat bending and die cutting of thin plastic shelf talkers of any size and shape, including screen printing and full color lithographic printing.

**Special Services:** Design and engineering, prototyping, metalworking die and plastic extrusion die making, customized packing, on-site computer-tracked warehousing, expedited order handling and shipping, and support for just-in-time manufacturing.

**Toll-Free Quoting and Consultation:** For a quote or consultation with a Trion industrial sales specialist call toll-free 1-800-444-4665, fax us at 1-570-823-4080, or email to [info@triononline.com](mailto:info@triononline.com)



**TrionOnline & TrionEcom** are Trion's world wide web presence, featuring trade show schedules, sales and customer service staff, phone numbers, fax lines, email contacts, full line product details, pricing and online sales. They offer access to a complete Literature Library of Trion sales materials, and pertinent trade magazine articles and monographs related to store and point-of-purchase fixtures. You can also immediately download the latest Trion catalogs. All materials are posted in industry-standard, cross-platform-capable Adobe Acrobat PDF Format. An American Advertising Federation Addy® Award Winning Site, TrionOnline also offers animations and FLASH presentations, such as an animated illustration of a prototype store featuring state-of-the-art Trion fixtures, as well as animations of various shelf management fixture configurations in use.

Need information on a concept, fixture or application? Try TrionOnline and TrionEcom first. Need a one-on-one consultation with a fixture specialist? Call Trion toll-free at 800-444-4665 or email [info@triononline.com](mailto:info@triononline.com).



**Trion®** revolutionized merchandising with the introduction of the first straight-entry display hook in 1965, and the first scanning hook in 1978. It has since earned over 88 United States and international patents for innovations. Today, Trion Industries is one of the top 20 store fixture manufacturers, one of the top 50 point-of-purchase fixture manufacturers, and the world's leading manufacturer of display and scanning hooks.

Trion's 450,000 square-foot computerized production facilities feature the greatest number of automated wire forming machines of any factory complex in the industry as well as sophisticated plastic co-extruders capable of extruding up to four dissimilar materials into one profile with downstream assembly, cutting, punching and packing. The site also features welding machines, computer-controlled progressive die stamping presses rated at up to 80 tons, punching, blanking, drilling, coldheading, automated assembly, sophisticated small-parts packaging capabilities, modern powder coating facilities, computer-tracked warehousing, expedited order-handling and support for just-in-time manufacturing.

## Trion Industries, Inc.

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