

Interplex Metal Logic specializes in engineering solutions for the manufacturing of complex tooling, prototype and development, intricate metal stamping, unique reel-to-reel insert molding, and automation for component assembly in the automotive, communications, electronics, medical, and military industries.

The company utilizes state-of-the-art technology such as a customized Solidworks 3-D CAD design package coupled with a CAM software from Mastercam and Esprit. This allows the company to maximize its use of CNC machining technology in areas of Machining, Wire EDM, Ram EDM, Form Grinding, and Jig Grinding to create tooling cost effectively and meet critical tolerances with consistency and reliability.

Interplex Metal Logic embraces a quality system certified to ISO 9001-2000 for all aspects of its business processes. There is a relentless commitment to real-time vision inspection and automated off-line vision inspection to insure zero defects ensuring the highest quality for its customers.

FAST FACTS:

- Plant Size: 27,000 sq feet
- Quality Certification: ISO 9001-2000
- In-line Vision Systems

CAD SYSTEM:

- Solidworks
- AutoCAD
- Mastercam
- Esprit

MANUFACTURING SERVICES:

- Complex tooling
- Prototyping and Development
- Intricate Metal Stamping
- In-line Cleaning
- Unique Reel-to-Reel Insert Molding
- Automation for component assembly

MATERIALS:

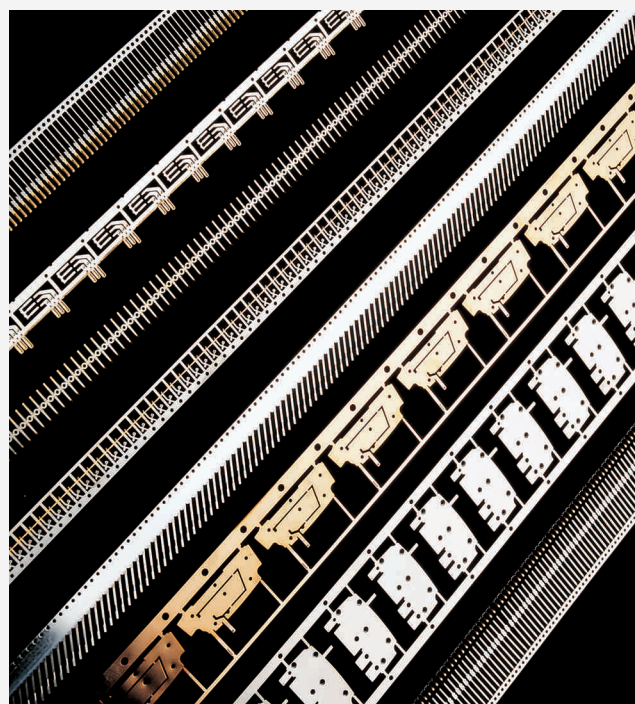
Metals:

- High performance Copper alloys
- Beryllium Copper
- Brass
- Stainless Steel
- Monel
- Nickel
- Cold Rolled Steel

Note: Metals can be in various engineered forms such as Pre-plated, Skived (dual gauge), Inlay, and Electron Beam Welded.

Plastics:

- LCP Resins

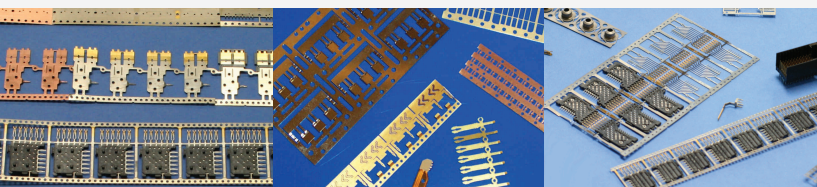


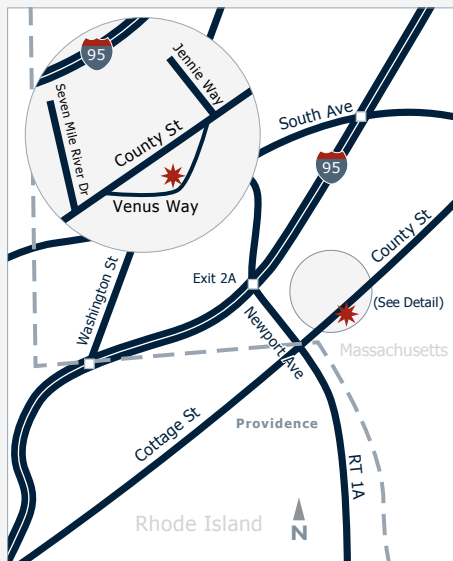
EQUIPMENT LIST:

- 20 Stamping Power Presses with a maximum capacity of 100 Tons (including Bruderer presses from 10 through 60 Tons).
- 4 Vertical Nissei Injection Mold Machines (60 to 80 Tons).
- CNC HAAS Machining Center, Charmille WEDM (Twin Wire and Ram), Moore JG and Wasino Grinder.

APPLICATIONS:

- Connectors
- Leadframes
- Automotive Terminals
- Spring Contacts
- Shields
- Medical Components





DIRECTIONS TO INTERPLEX METAL LOGIC

Take Interstate Route 95 north from Providence or south from Boston to Exit 2A in Massachusetts (heading to Newport Avenue, Pawtucket, RI).

At the first light, turn left (northeast) onto Cottage Street (which becomes County Street when you reenter Massachusetts).

Travel nine-tenths of a mile (1.4 km) and turn right onto Venus Way. Interplex Metal Logic and Etch Logic are on the right.

INTERPLEX METAL LOGIC SUMMARY OF SERVICES:

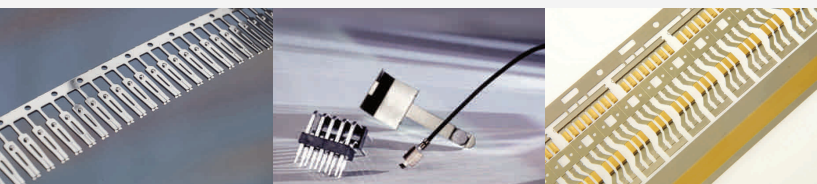
- **Prototypes:** In-house design and manufacture of prototype tooling for stamped metal components as well as short run volumes. Modular base tooling and on-site reel-to-reel photoetching is used to minimize lead time and reduce time to market.
- **Tooling:** In-house tooling capabilities include engineering a solid model design, CAM packages for linkage to CAD, and modern CNC machining on various equipment manufactured by HAAS, Charmille (Twin Wire and Ram), Current, Moore, and Wasino. Our portfolio exhibits a high level of aptitude in press-fit contacts, connectors, terminals, lead frames, and shallow-drawn parts.
- **Stamping:** Design, manufacture and run progressive dies for various volume applications. Materials include high performance copper alloys, beryllium copper, brass, stainless steel, monel, and nickel in various engineered forms such as pre-plated, skived (dual gauge), inlay, and electron beam welded. Pressroom includes Bruderer presses ranging from 10 through 60 tons, with other presses up to a maximum of 100 Tons.
- **Plating:** Reel-to-reel, selective plating is conducted at the Interplex Metals facility located 15 minutes away.
- **Insert Molding:** The company possesses the ability to automatically feed multi-strand product in a reel-to-reel continuous process through high cavity precision molds. Proprietary lines utilize vertical Nissei injection mold machines ranging from 60-80 Tons.



Address

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508-399-7655 (Fax)
www.interplex.com



INDUSTRIES SERVED:

- Automotive
- Medical
- Filtration
- General Industrial
- Electronics
- Telecommunications
- Aerospace
- Consumer goods