



**NEW
CONCEPT
TECHNOLOGY**

VERTICALLY INTEGRATED TURNKEY SOLUTIONS

The people of New Concept Technology are committed to
on time delivery of defect free products.

ADVANTAGES

In business for over 24 years providing a single source for custom component applications

WORLD CLASS INTEGRATED SUPPLIER:

- Internal design for molds, dies and automation assembly
- **Tooling fabrication and 24/7 tooling support**
- High speed stamping up to 1600SPM
- Conventional injection molding
- Insert molding-shuttle, rotary & reel-to-reel
- Cable assembly
- Custom assembly-low and high volume, automated and semi-automated

INDUSTRIES SERVED

- ELECTRONICS
 - MEDICAL
 - AUTOMOTIVE
 - INDUSTRIAL AND COMMERCIAL
 - AEROSPACE & DEFENSE
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- Specializing in collaborative design with customers to optimize component design and manufacturability
 - Employee owned company (ESOP)

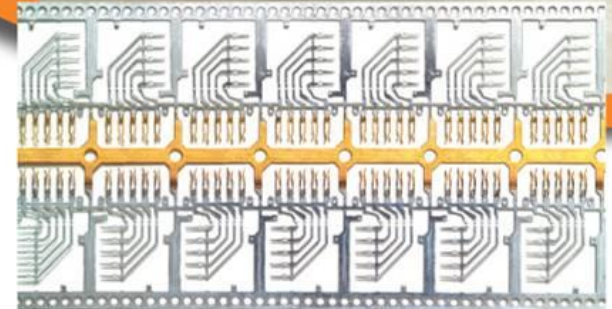
TOOLING FABRICATION

- Full complement of tool building equipment
- EDM (wire & conv.), CNC machining, hole pop, visual grind
- 24 hour tooling staffing
- **New Concept Technology** also supplements our strong in-house capabilities by utilizing world class global tool shops to reduce lead times and costs



STAMPING

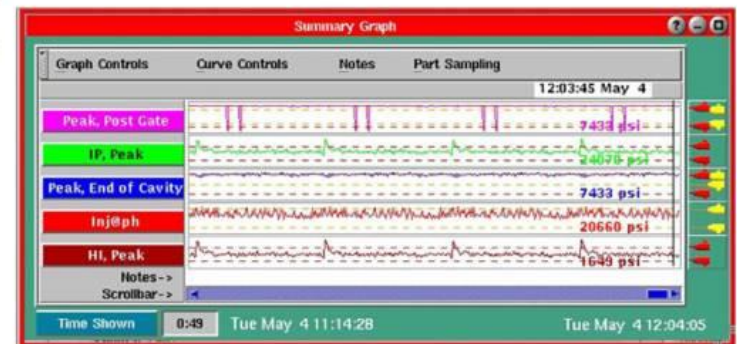
- High speed Bruderer presses
- Thicknesses of 0.0025 – .040"
- Stamp all copper and ferrous alloys as well as inlaid material
- Speeds range upwards of 1600 spm
- **Modular die designs**
- Vacuum slug management for consistent lubrication





CONVENTIONAL MOLDING

- Routinely mold high density, close tolerance products (0.050 " centerlines, ± 0.002 " true position tolerances)
- Experience with commodity and engineering grade materials such as LCP, PBT, Ryton, Nylon, PEEK, TPE, PEI, TPX, PE, PP
- Mold parts needing multiple side actions
- **Trained in Systematic Molding**
- **Decouple Molding / In Cavity Pressure Sensing**





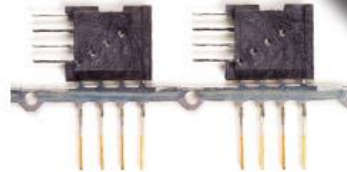
INSERT MOLDING

- We leverage our design and assembly engineering experience to optimize our vertical and horizontal, shuttle and rotary insert molding operations
- We handle very small and very large parts with equal skill and efficiency
- We mold engineering and elastomer grade resins
- **Experience in overmolding wire and cable**



REEL-TO-REEL MOLDING

- Vertical integration including die, mold and automation design as well as tooling fabrication and in house stamping positions us as a leader in reel-to-reel insert molding
- High precision Nissei presses have automated inspection and sensing to assure mold safety and product quality
- SPC monitoring capability exists on all presses
- **PPT camera systems perform 100% inspection of critical dimensions**



ASSEMBLY

- Semi-automated and automated
- Approved medical assemblies
- Automated fuel delivery component assembly
- Switch assemblies
- Automation design/technician on staff
- Our insert molding expertise allows us to efficiently over mold cables as part of our custom cable assembly operations.
- **Full “Turn Key” Production decreases customer inventory and improves customer cash flow**



MEDICAL

CLASS 10,000 CERTIFIED CLEAN ROOM

