



**NEW
CONCEPT**
TECHNOLOGY

Presented for:

**Mexico's Supply Chain
Nearshoring Summit**

Prepared by:

Rafael Romo

November 2022

Capabilities

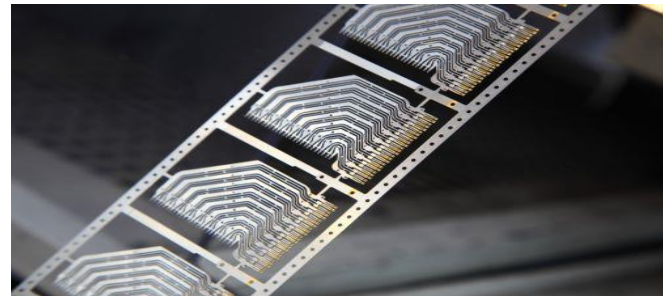
Design Engineering



Tool Fabrication



High Speed Stamping



Injection & Insert Molding



Manufacturing Automation & Assembly



Insert Molding

Pioneers in Advanced Molding Technology

Operating a comprehensive, self-sufficient mold tool design, fabrication and production facility under one roof drives our expertise to a level of excellence our customers depend on for rapid turnaround prototypes and expeditious time to run production mold tooling.



Injection Molding

Trained in systematic molding techniques for high density precision $\pm 0.002''$ true position tolerance solutions using a broad range of resins - LCP, PBT, Ryton, Nylon, TPE, PEI, TPX, PE and PP and many industry specific specialty formulations, it's no mystery why leading fortune 500 companies turn to New Concept technology for problem solving and innovation driven competitive solutions.



Rotary & Shuttle Molding

It is often necessary to integrate insert molding operations into additional processes; we are experts in both rotary and shuttle insert molding, providing semi and fully automated loading / transport / multistep actions. We leverage our assembly engineering capabilities to optimize manufacturing efficiency and quality for your competitive advantage.

Reel to Reel Molding

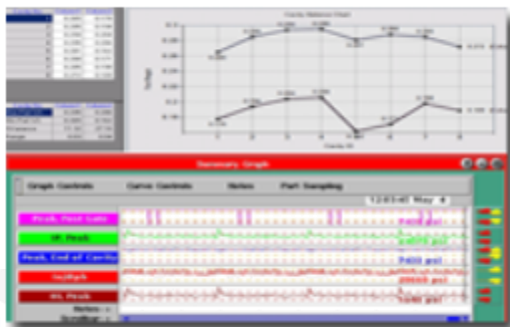
Pioneers in Advanced Molding Technology

Pioneers of reel to reel insert molding and innovators in advanced rotary and shuttle molding techniques, New Concept Technology are relentless in the pursuit of the advancements in molding efficiency and manufacturing process integration to better serve our customers.



Reel to Reel Molding

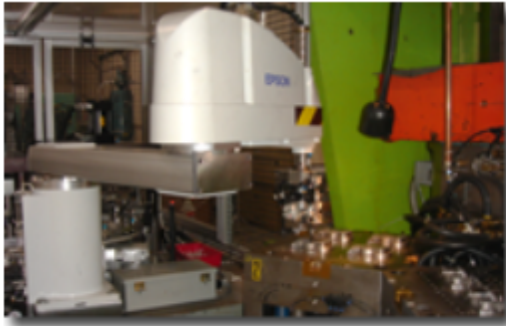
For High Volume Cost Sensitive Insert Molding with unsurpassed Repeatability and Quality, we pioneered then perfected, the reel to reel molding process to facilitate rapid high volume transport of stamped components through the molding tools and subsequent assembly operations. Scrutinized by digital imaging systems with meticulous analytical algorithms synchronizing the servo driven feeds for absolute manufacturing harmony - why settle for competition when you can be the leading light?



Advanced Engineering

Proficient in decoupled & scientific molding principles with dynamic in-cavity sensors linked to Nautilus and RJG analytics for capability modeling, real time protection, control algorithms to assure mold integrity and consistent performance quality; our single, multi & high cavitation level tools incorporate pioneering industry innovations for exceptional results and competitive quality positioning.

Automation & Assembly



Automation & Process Integration

A comprehensive self-sufficient design through production facility under one roof with enhanced inter-discipline collaboration in an innovation nurturing environment sustains our continuous drive towards manufacturing efficiency & excellence. We strive for the highest value cost efficient and timely solutions by using highly automated manufacturing & assembly technologies.



High Volume High Speed Processing

Experts in High Volume Cost Sensitive automated manufacturing solutions; we pioneer multi stage process operations incorporating mass feed and rapid transport through multiple actions, including insert molding, assembly & packaging.



Automated Inspection & Controls

Scrutinized by digital imaging systems with meticulous analytical algorithms for unsurpassed repeatability and quality with electronic record logging, our automated and robotic assembly systems deliver absolute cost certitude in today's unsettled economic climate.

Services



Rapid Design & Prototyping

Design Innovation



Product and
Manufacturing Design



Design to
Cost Solutions



Concurrent
Engineering



Manufacturing

Running
What We Build



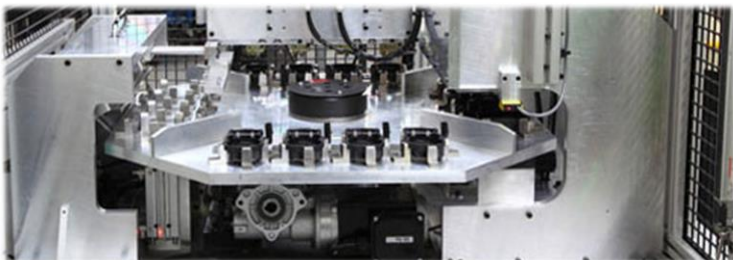
Reel to Reel
Insert Molding



High Volume
High Speed



In-House
Tool Fabrication



Automation & Cost Engineering

Process Integration



Inspection
and Controls



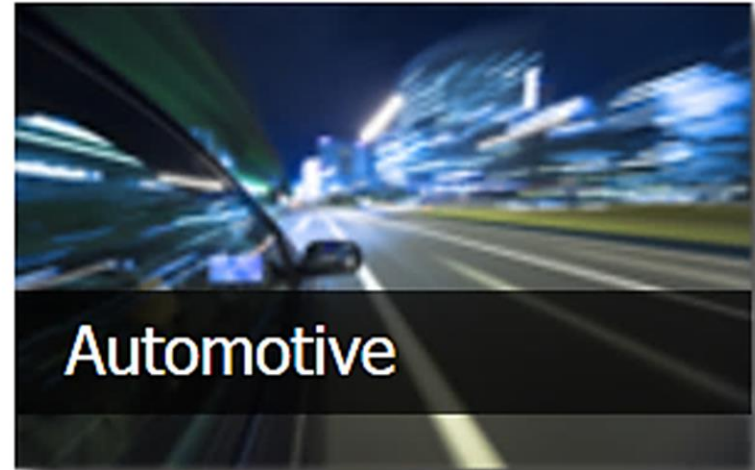
Manufacturing
Excellence



Continuous
Improvement



Markets Served



Quality Certificates

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

New Concept Technology, Inc.

**320 Busser Road
Emigsville, PA 17318-0297
U.S.A.**

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:


ISO 9001:2015

The Quality Management System is applicable to:

MANUFACTURE OF CUSTOM STAMPED, MOLDED, AND ASSEMBLED COMPONENTS

This certificate may be found on the ABS QE Website (www.abs-qe.com). For certificates issued in the People's Republic of China information may also be verified on the CNCA website (www.cnca.gov.cn).

Certificate No: 53292
Effective Date: 02 July 2021
Expiration Date: 01 July 2024
Revision Date: 02 July 2021


Dominic Townsend, President



Validity of this certificate is based on the successful completion of the periodic surveillance audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 1701 City Plaza Drive, Spring, TX 77389, U.S.A.

Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

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ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

New Concept Technology, Inc.

**320 Busser Road
Emigsville, PA 17318
U.S.A.**

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 13485:2016

The Quality Management System is applicable to:

CONTRACT MANUFACTURER AND ASSEMBLY OF CUSTOM OVERMOLD SOLUTIONS FOR MEDICAL PRODUCTS

Certificate No: 60875
Effective Date: 01 December 2020
Expiration Date: 30 November 2023
Revision Date: 01 December 2020


Dominic Townsend, President



Validity of this certificate is based on the successful completion of the periodic surveillance audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 1701 City Plaza Drive, Spring, TX 77389, U.S.A.

Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

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Class 6 Cleanroom Classification Certification



Airborne Contamination Identification Associates Ltd.

Certifies that

New Concept Technology

320 Busser Road

PO Box 0297

Emigsville PA 17318-0297

“Medical Assembly Cleanroom ” meets and exceeds ISO 14644-1
Class 6 on 0.3, 0.5, & 1.0 micron for airborne particulate cleanliness **at rest**.

“Medical Assembly Cleanroom ” meets and exceeds ISO 14644-1
Class 6 on 0.3, 0.5, & 1.0 micron for airborne particulate cleanliness **in production**.

Certificate # 03-16-2021
Expires: April 01, 2022

Certified By:



Randall R. Leaman C.I.A.Q.P.
“Certified Indoor Air Quality Professional”

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High Speed Stamping







NEW
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TECHNOLOGY