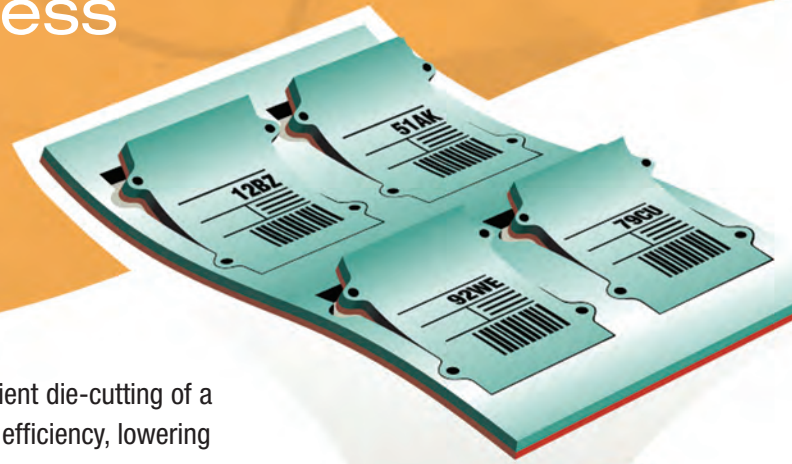


CNC Die-Cutting Process

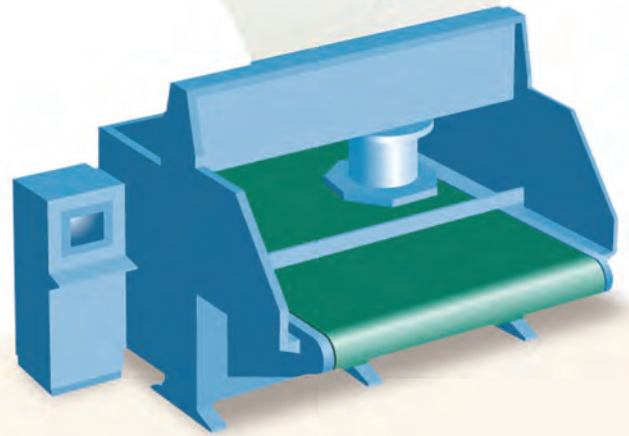


Fabrico now offers CNC die-cutting and laminating services for efficient die-cutting of a wide variety of materials. This state-of-the-art equipment increases efficiency, lowering costly scrap and offering high yields.

Advanced Cutting Capabilities

The CNC die-cutting and wide web laminating system allows for the efficient cutting of flexible materials, offering both close tolerance cutting as well as optimal layout. Close nesting of parts also reduces costly material scrap and increases output. Ideal for high volume runs, the CNC and laminating system maintains accuracy with a speed of 966 mm/s over long runs.

The system can accommodate material widths up to 1,400 mm wide, which eliminates the costly and timely process of pre-slitting rolls. In-line stamping and laminating increases lead-time and throughput. Mix-and-match of multiple substrates is also possible.



Material thicknesses can range up to 1", making the system ideal for cutting many thick materials. Materials include foams, rubbers, tapes, and papers. The system accommodates a maximum of 324 square inches of die-cutting space, with a maximum part size of 25" x 25".

Knowing When to Use Fabrico's Die-Cutting Services

Q) Do you need high volume cutting services?

Combination CNC die-cutting and lamination increases Fabrico's efficiency in producing more complex materials solutions, while dramatically increasing throughput.

Q) Do you need the flexibility to incorporate various materials into one design?

The Fabrico system offers the flexibility to mix-and-match multiple materials into a single design. For example, the system can laminate a film to foam on its way to the die-cutter, increasing throughput time and efficiency.

Q) Do you need in-line laminating services?

The CNC punch press and wide web laminator accommodates materials of up to 1,400 mm wide, eliminating the need to pre-slit rolls before stamping and laminating. This results in reduced leadtimes and increases total throughput.

Q) Are you looking for a way to increase production efficiency and maximize material usage?

The computer assisted part nesting, reduces waste by rotating parts closer together and adjusting the die angle for optimal layouts.



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Materials

Fabrico has long-standing relationships with world-class providers of innovative materials.

These relationships ensure the widest selection of materials at the lowest cost. The following are some of the suppliers whose materials can be converted using CNC die-cutting at Fabrico:



Foam	Rubber	Tape	Paper
Chomerics™ E-A-R Specialty Composites™ Foamex® Hickory Springs® Innoflam™ Novagard Solutions™/Foam Seal, Inc. Qycell™ Saint-Gobain tesa®	3M™ Diversified Rubber Products, Inc. Lauren Manufacturing Monmouth Rubber & Plastics Corp. Regional Rubber Rogers Corporation Foams Saint-Gobain VIP Rubber Company, Inc.	3M Adchem Chomerics Covalence Flexcon Intertape Polymer Group MacTac PPI Saint-Gobain tesa Tyco Von Roll	3M™ IPT Avery Dennison® Cottrell Paper Company, Inc. DuPont™ AFS Oliner Fibre Company, Inc. Raflatrac™ Toyo Fibre Co, Ltd.

3M is a trademark of 3M Company, Avery Dennison is a registered trademark of Avery Dennison Corporation, Chomerics is a trademark of Chomerics Inc., DuPont is a trademark of E. I. du Pont de Nemours and Company, E-A-R Specialty Composites is a trademark of Aearo Company, Fabrico is a trademark of EIS, Inc., Foamex is a registered trademark of FOAMEX L.P. FMXI, Inc., Hickory Springs is a registered trademark of Hickory Springs Manufacturing Company, Innoflam is a trademark of Plastic Technology, Inc., Novagard Solutions is a trademark of Novagard Solutions, Qycell is a trademark of Toilon Corporation, and tesa is a registered trademark of Beiersdorf Aktiengesellschaft Corporation.

Technical Sales Representatives

For more information on die-cutting services or a complete list of available materials, call the toll-free number at 800-351-8273, or contact a Fabrico Technical Sales Representative near you.



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