

HEADQUARTERS

MADERN INTERNATIONAL B.V.

Vikingbank 1
3133 KX Vlaardingen
The Netherlands

TEL. +31 (0)10 248 54 60
FAX. +31 (0)10 248 99 20
EMAIL sales@madern.com

AJB INSTRUMENTS B.V.

Zuidzijde 7
3181 LR Rozenburg
The Netherlands

TEL. +31 (0)181 21 33 70
FAX. +31 (0)181 21 55 42
EMAIL sales@madern.com

MADERN ASIA LIMITED

Unit 3219, 32/F, Standard Chartered Tower
Millennium City 1, 388 Kwun Tong Road
Kwun Tong, Kowloon, Hong Kong

TEL. +852 2186 6706
FAX. +852 3151 7958
EMAIL sales@madernasia.com

MADERN USA INC.

1010 Burma Drive
Apex, NC 27539
USA

TEL. +1 919 355 1600
FAX. +1 919 355 1602
EMAIL sales@madernusa.com

EVERS INTERNATIONAL LLC

845 Bethel Avenue
Pennsauken, NJ 08110
USA

TEL. +1 856 910 0002
FAX. +1 856 910 0003
EMAIL sales@evers-int.com

WEIDENMILLER

1464 Industrial Drive
Itasca IL 60143-1848
USA

TEL. +1 630 250 2500
FAX. +1 630 250 2525
EMAIL sales@weidenmiller.com

WWW.MADERN.COM

MADERN,
innovation in rotary converting

↓ EMBOSsing TOOLS

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MADERN GENERAL INFORMATION



_QUALITY



_PRODUCTIVITY



_PROFITABILITY



_TECHNOLOGY



_SUSTAINABILITY

MADERN EMPOWERING YOUR COMPANY IN SUSTAINABILITY AND PROFITABILITY
WITH COMPETITIVE PREMIUM QUALITY ROTARY TOOLING & CONVERTING SOLUTIONS

COMPANY

The family owned company Madern [1954] carries nearly 30 years of experience as a developer and manufacturer of rotary tooling and converting solutions for the folding carton industry.

Our commitment to innovate technology combined with our passion for the paperboard packaging industry drives us to create high quality products. These products, used by an impressive international clientele, have set new standards and are a benchmark for the best industry performances.

Madern manufactures rotary tools with state-of-the-art equipment and the intensive collaboration of a dedicated team of engineers, craftsman and technicians.

Madern guarantees to be your ideal partner in the challenging race of the paperboard packaging market, providing cost effective products, while maintaining our outstanding premium quality and material integrity.

We would like to welcome you to —The Madern World— of rotary tooling and converting solutions.

SERVICES

- Research, development and manufacturing of custom-made rotary tooling and converting solutions for the best performance/price ratio.
- Support during installation, start-up and commissioning of new tools and equipment.
- Training programs for inexperienced and experienced tool engineers and machine operators.
- Competitive pricing and lead times for re-knifing and re-conditioning of [Madern] rotary tooling at our 4 manufacturing facilities.
- 24/7 worldwide service and maintenance support.

MADERN TECHNOLOGY

TOOL EXECUTIONS

- SOLID DIES**
Combination of fully mechanical engraved and hardened solid dies and partially segmented rotary technology (surface treated when needed).
- SEGMENTED DIES**
Steel body cylinders in combination with PM steel segments with dead-fit technology.
- MOLDED DIE SEGMENTS**
Constructed dies out of special molded material.

EMBOSSING TOOLS

HIGH SPEED EMBOSSING FOR ALL YOUR TOBACCO, LIQUID AND GENERAL FOLDING PACKAGING NEEDS

PRODUCT INFORMATION

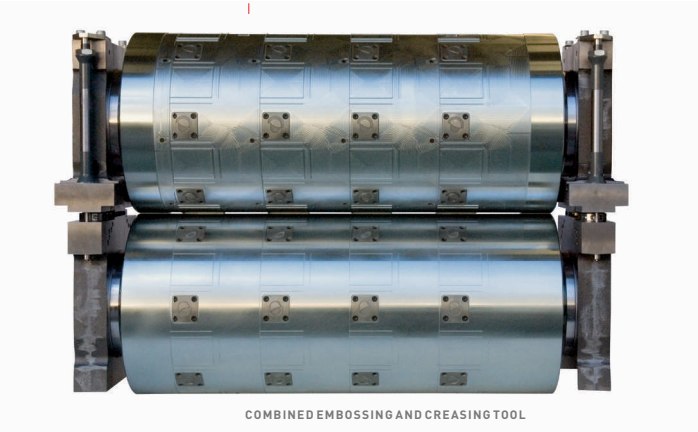
Madern offers you premium quality custom-made rotary embossing tools in various executions, shapes, sizes, and performances.

The final choice of the embossing principle, the material and specifications depends on your wishes and needs, used machine, the application, the required tool performance and the characteristics of the used paperboard.

Embossing tools can be delivered as solid, fully segmented or a combination of both. The latest Madern development on embossing technology is the quick change-over system consisting of one base cylinder and lightweight molded synthetic embossing segments.

Madern offers the best technical and most competitive solutions for different applications in the folding carton industry, such as tobacco, liquid and general folding cartons.

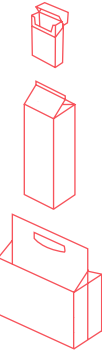
Let our team of experts provide you with comprehensive technical advice and support, to commission and deliver your next custom-made rotary embossing tools.



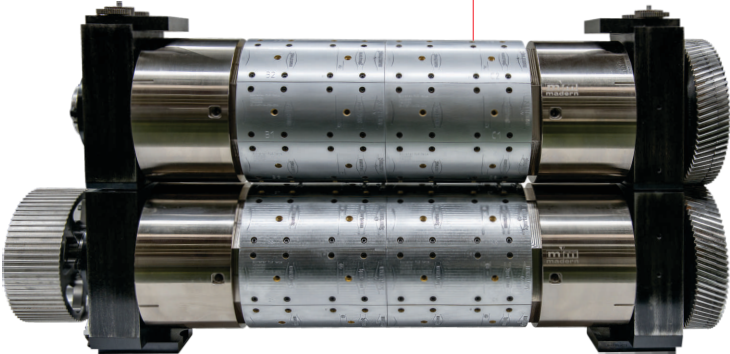
COMBINED EMBOSSING AND CREASING TOOL

APPLICATIONS

- TOBACCO PACKAGING
- LIQUID PACKAGING
- GENERAL FOLDING PACKAGING



[2½D EMBOSSING TECHNOLOGY]



SEGMENTED EMBOSSING TOOL

[INTERCHANGEABLE SEGMENTS PROFITABILITY]

TECHNICAL SPECIFICATIONS EMBOSSING TOOLS

DIAMETERS	UP TO 400 MM [15.7"]
WEB WIDTH	520 MM [20.5 "] 1020 MM [40.2"]
WEB SPEED	UP TO 400 M/MIN [1310 FT/MIN]
AVAILABLE DESIGN	2-D, 2½D, 3D EMBOSSING OR DE-BOSSING
CHARACTERISTICS	EMBOSsing SHARP SQUARE DESIGNS WITH THE MADERN 2½D EMBOSSING TECHNOLOGY
MATERIAL	STEEL [COPPER, ALUMINUM, BRASS OR SYNTHETIC WHEN NEEDED]
OPTIONS	<ul style="list-style-type: none">COMBINED CREASING AND EMBOSsing ON THE SAME CYLINDER SETSEGMENTSFRAMES AND DRIVES

FINAL SPECIFICATIONS MAY VARY FROM THE LIST ABOVE, DUE TO DIFFERENT CHARACTERISTICS OF USED MACHINES, BOARD, VOLUMES, APPLICATIONS & DEVELOPMENTS.