



Manufacturers Of High Quality Rotary, Forged and Solid Steel Die Cutters

Precision engineers, Newart Limited have over 100 years experience in the manufacture of Flat bed and Rotary Die Cutting Tools and Rotary Cutting Systems for all kiss cut, through cut, creasing or embossing applications.

Our Rotary Die Cutting Tools are manufactured to your specification from High Grade Tool and Powdered Steels using state of the art CNC technology.

Our skilled engineers and technical sales staff can advise on the best Rotary Die Cutting Tool for your particular application whether you are cutting Paper, Plastics, Pharmaceutical or any other web stock materials.

Newart can provide Die Cutting Solutions for a wide range of Flat Bed and Rotary Cutting applications with products ranging from Envelopes to Shoes and from Gaskets to Wound Dressings.

Newart's Forged and Solid Die Cutting Tools for the production of Envelopes and Labels have an enviably high reputation worldwide. Traditional hand skills combined with CNC design and production methods enable Newart to engineer the best Forged, Solid and Rotary Die Cutting Tools available.

From the smallest Test Piece Die Cutter to complete Turnkey Rotary Die Cutting production solutions. Newart's fully-trained multi-lingual staff are available to give the best advice to existing and new customers worldwide.

Tel +44 (0) 8707 591 650, Fax +44 (0) 8707 591 651
www.newartltd.com

Rotary Envelope Die Cutting

Profile - Sever - Window

Precision Engineered Die Cutters and Size Change Parts. Manufactured from High Quality Steels and cintered materials.

CNC Engineered to any machine Specification

- Precision Ground
- Diameters 30 - 400mm
- Lengths 25 - 1200mm
- Edge Depths 1 - 20mm



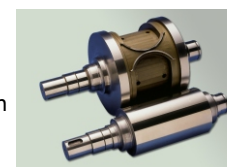
Other Rotary Tooling Applications

- Precision ground from special steels
- Minimum setting times
- Maximum machine life
- Fast reliable deliveries
- Competitive prices



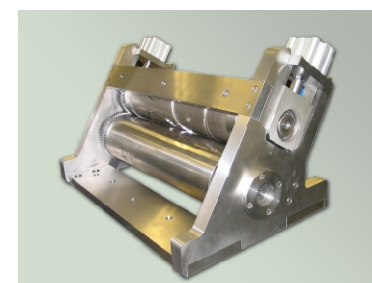
Rotary Tooling for all Industries

Labels - Hygiene Products - Beverages - Wound Management - Incision films and sutures - Non-Woven Fabrics - Woven Fabrics - Self-adhesive electrode mountings - Thermoformed Packaging - Contact Adhesives - Hydro gels - Hydrocolloids - Ostomy Products - Burn Treatment - Foams - Allevyn



Die Cutting Units

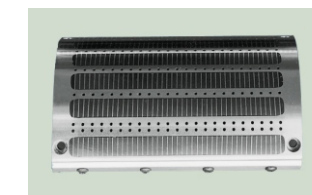
- Cutting solutions for Envelopes, Labels, Packaging, & Medical products
- Designed to Customer spec
- Precision Engineered
- Kiss Cutting
- Through Cutting
- Continuous Cutting
- Web Width 152 - 560mm
- Die Repeat 660.4mm max
- Anvil Hardness 64Rc
- Rapid die change



Magnaflex - Magnetic Cylinders & Flexible Cutting Dies

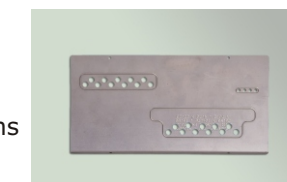
Our patented Magnetic Cutting systems are available for a wide variety of uses and offer cost effective cutting using flexible dies.

- Magnetic Cutting Systems for Envelopes and Labels
- High quality permanent Ferrite Magnets individually polarized for maximum hold
- Precision Ground
- Diameters 30 - 400mm
- Lengths 100 - 1200mm
- Full vacuum-porting allows efficient waste removal



Flexible Dies

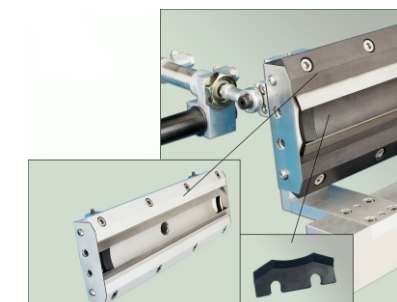
- Thin plate spring Cutting Dies
- Chemically etched and CNC precision
- Hardened for Longer Life
- For all Envelope and Adhesive label systems
- Profile Heights 0.3 - 0.8mm



Chambered Doctor Blade Systems

Systems can be manufactured to enhance most flexo printing presses and envelope machines and are available for a variety of web widths. Our unique pneumatic self-adjusting system automatically compensates for blade wear reducing anilox wear and maintaining seal during production. Systems for UV and water based inks are compatible with peristaltic and impeller pumps. Special non-stick surfaces aid cleaning. Moulded seals for splash-free printing. Lightweight and flex free. Over 700 installations Worldwide.

- Improved print quality
- Reduced ink contamination
- Foaming elimination
- Improved ink transfer to anilox
- Reduced wash-up times
- Efficient ink usage
- Less downtime
- Leak free
- Simple to operate



Forged & Solid Steel Die Cutting

Envelope Die Cutters

- Seed Packets to X-Ray Wallets
- Deckle Edges
- Adjustable Dies
- Special Edge Angles



Label Die Cutters

- High Grade Tool Steels
- Slip Through
- Face Ejection
- Standard / Extended / Long-Life steels available



Test Piece Die Cutters

All Test-Piece Die Cutters are manufactured using CNC Wire Erosion technology ensuring the tight tolerances required for these products are maintained.

Dies can be produced to all British and International Standards and can be fitted with material ejection plates if required.

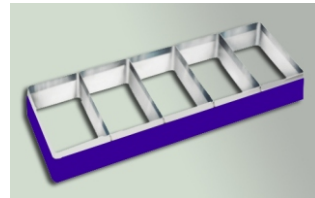
Die Conformity Certificates are also available on request.



Thermoforming Cutting Dies

Special Forged tooling developed for Thermoforming and cutting machines

- OEM Recommended
- High Precision and Quality
- Single and Multi-cavity tools
- A Full re-sharpening facility provided



Newart

Engineered Cutting Solutions

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Newart Distributor



Newart

Engineered Cutting Solutions

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Forged Envelope Tooling

Rotary Envelope Tooling

Size Change Parts

Rotary Pharmaceutical / Label Tooling

Adjustable Rotary Die Stations

Magnetic Cylinders

Flexible Dies

Chambered Doctor Blades

Print Systems

Thermoforming Dies

Label Cutters

Test Piece Cutters

Textile Cutters

Shoe and Leather Cutters

Powder Metallurgy Long Life Cutters

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