

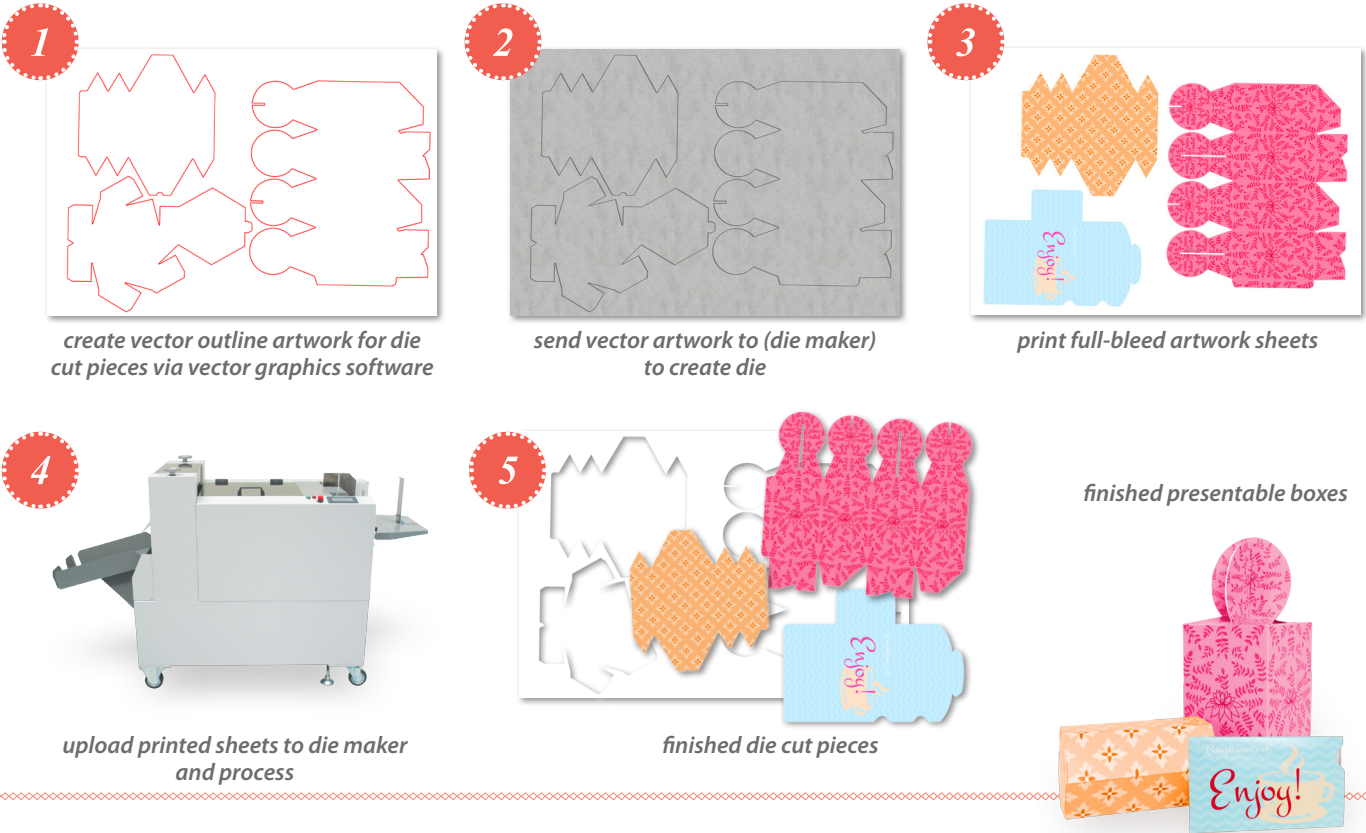
UD-300 Die Cutter

SPECIFICATIONS

SYSTEM TYPE	Rotary Magnetic Cylinder Die Cutter
PAPER SIZE (WxL)	Minimum: 8.267" x 11.693" (219 x 297 mm) Maximum: 14.33" x 20.275" (364 x 515 mm)
PAPER THICKNESS	Minimum: 28 lb. bond/6 point/0.0058"/t0.15 mm/106 gsm Maximum: 130 lb. cover/16 point/0.015"/t0.4 mm/350 gsm
SPEED	3,000 sheets per hour (any size)
FEED SYSTEM	Air-suction belt feeder
PAPER LOADING CAPACITY	Up to 7.875" (200 mm)
POWER	AC 110-115V 50/60 Hz. 5 Amps
DIMENSIONS	81.10"x 27.17" x 46.85" (2,060 x 690 x 1,190 mm)

Production rates are based upon optimal conditions and may vary depending on stock and environmental conditions.
As part of our continuous product improvement program, specifications and descriptions are subject to change without notice.

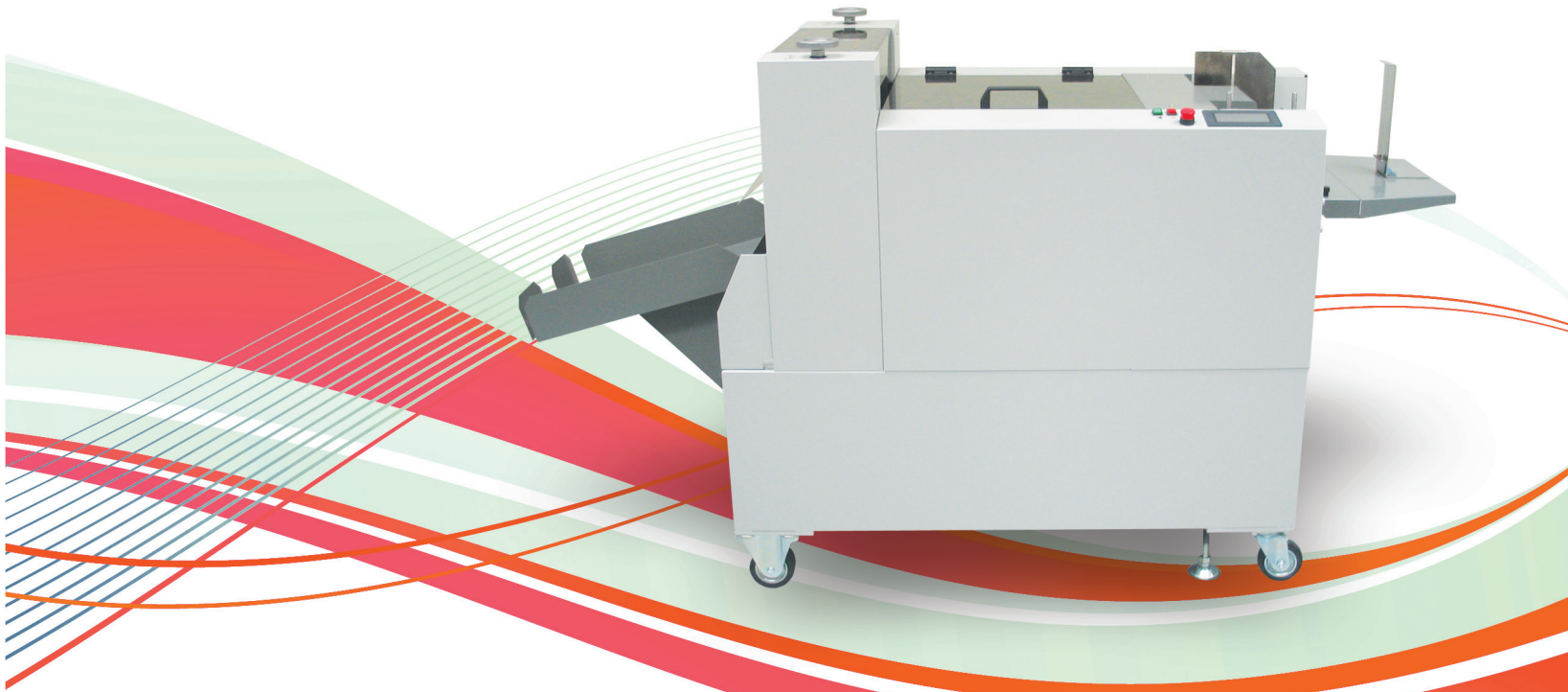
WORKFLOW



Duplo
from print to documents

UD-300

On Demand Die Cutter



Duplo USA Corporation

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On Demand Die Cutting for Endless Possibilities.

Create on-demand die cut products with the UD-300 Die Cutter!

The UD-300 Die Cutter produces a variety of digital print and packaging products such as custom-shaped brochures and direct mailers, stationery, retail packages, labels, and folded boxes in quantities as low as one. Designed for use with flexible dies, the UD-300 performs multiple cuts, slits, slit-scores, kiss cuts, perforations, and window punches for single or multiple-up pieces on a wide range of paper stock up to 14" x 20" at 3,000 sheets per hour.

Compact in size and easy to use, the UD-300 Die Cutter provides a cost-efficient solution with fast die changeover and set up times – making it a great solution for the graphic arts and packaging market!

FLEXIBLE DIES

Flexible dies are both more economical to manufacture and faster to deliver compared to steel rule or solid rotary dies. Ideal for today's short-run and on demand needs, flexible dies are custom-made and can be delivered in as soon as a week, depending on application specifications. Flexible dies are etched and made of magnetic steel to handle most type of digital print applications. Thin in size, flexible dies require minimal space to store.

FAST DIE CHANGEOVER AND SET UP TIME

The UD-300 Die Cutter has been designed to minimize set up times and reduce make-readies. Job changeovers are quick and easy. Without any experience required, operators can easily change over a die in less than a minute. The flexible die is wrapped around a rotary magnetic cylinder, which holds the die in complete registration.

Job programming and adjustments are all made through the user-friendly touchscreen panel with individual buttons to start and stop the operation. Adjustments can be made in 0.1mm increments for both the width and length direction of the sheet. Once the job is set, the registration guides adjust automatically. Sheets are loaded into the feeder and paper guides ensure sheets are centered and fixed in position. The UD-300 Die Cutter features a top feed, air suction feed system and fine tune adjustments for air paper separation conveniently located next to the tray.

In addition, the compact size of the UD-300 Die Cutter makes it easy to place and operate in any on demand environment compared to traditional flatbed die cutters and other rotary die cutting solutions.

Ideal for digital print providers in need of a short-run die cutting solution, the UD-300 Die Cutter provides a cost-efficient solution for producing custom-shaped pieces with faster die turnaround and minimal set up times.



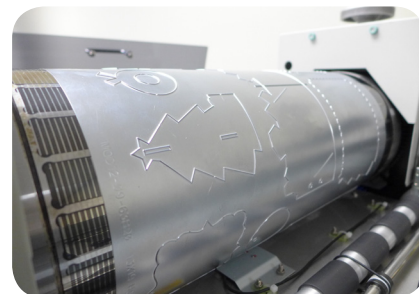
CONTROL PANEL

The UD-300 minimizes set up times and reduces make-readies. Job programming and adjustments are all made through the user-friendly control panel. Adjustments can be made in 0.1mm increments for the width and length direction of the sheet.



FEEDER

The UD-300 features a top, air-suction feed system and fine tune adjustments for air paper separation conveniently located next to the tray.



MAGNETIC CYLINDER DIE

Flexible dies are both more economical to manufacture and faster to deliver. The flexible die is wrapped around a rotary magnetic cylinder and can be changed over in less than a minute.

APPLICATION SAMPLES

The UD-300 Die Cutter adds value to digitally printed pieces such as brochures, direct mailers, and menus! Intricately-shaped pieces can also be created for stationery and invitations to add a personalized touch.



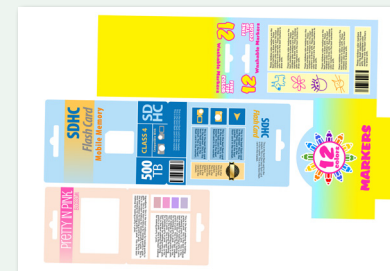
13" x 19" printed sheet



die cut pieces

Stationery

Expand your product line by offering on demand packaging products! Create pieces for clamshell packaging, add window punches to neatly display products and apply retail hooks to makes it easy for stores to hang.



13" x 19" printed sheet



die cut pieces



with retail products



finished & display-ready

Retail Product Packaging

Produce custom-shaped boxes to display or package products! Create personalized, short-run boxes for items such as baked goods, favors, and much more.



13" x 19" printed sheet



die cut pieces



finished and gift-ready

Product & Promotional Packaging

With the ability to perform kiss cuts, the UD-300 Die Cutter can also create product labels of various shapes and sizes, including irregular or round-corner. Flexible dies can be manufactured to cut the top layer of self-adhesive sheets.



13" x 19" printed sheet



die cut pieces

Adhesives