

# UD-M300 Hand Feed Die Cutter

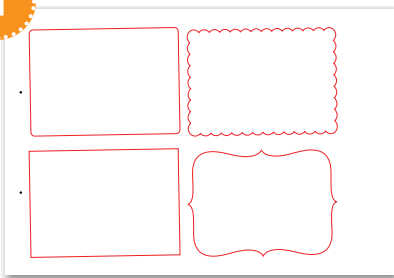
## SPECIFICATIONS

<b>SYSTEM TYPE</b>	Rotary Magnetic Cylinder Die Cutter
<b>PAPER SIZE (WxL)</b>	Minimum: 8.267" x 11.693" (219 x 297 mm) Maximum: 14.33" x 20.275" (364 x 515 mm)
<b>PAPER THICKNESS</b>	Minimum: 106 gsm Maximum: 400 gsm With Separator (optional): Minimum: 200 gsm
<b>FEED SYSTEM</b>	Hand feed with in tray start switch and foot pad
<b>POWER</b>	AC 110-115V 50/60 Hz. 5 Amps
<b>DIMENSIONS (LxWxH)</b>	40" x 27.17" x 46.85" (1,016 x 690 x 1,190 mm) with conveyor: 127" x 27.17" x 46.85" (3,226 mm x 690 mm x 1,190 mm)
<b>SUBSTRATES</b>	Normal paper, coated paper, adhesive label

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.

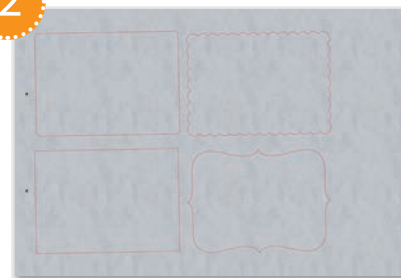
### WORKFLOW

1



create vector outline artwork for die cut pieces via vector graphics software

2



send vector artwork to (die maker) to create die

3



print full-bleed artwork sheets

4



optional separator and conveyor units remove skeleton/waste portions

5



finished die cut pieces

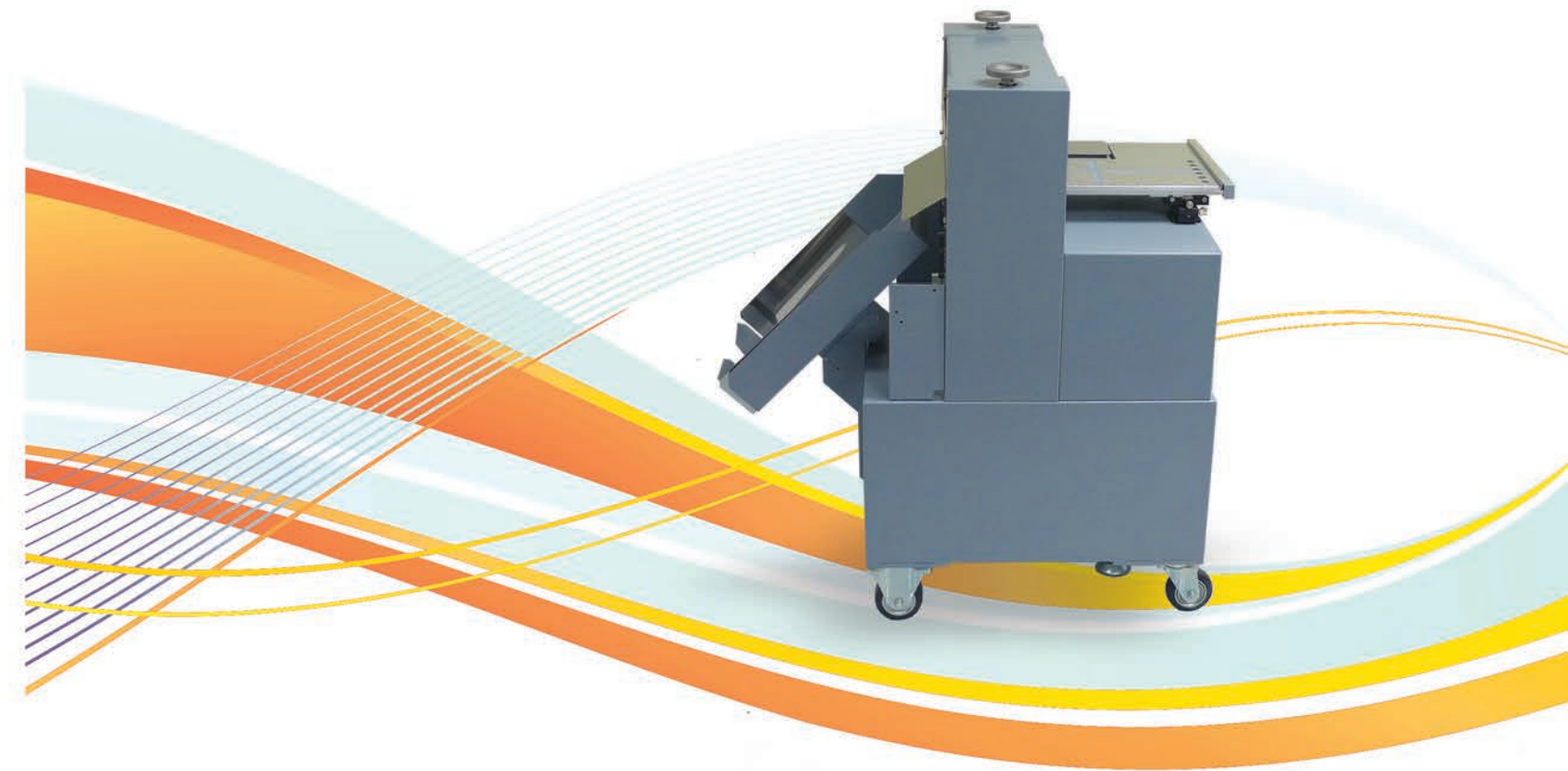
finished round corner playing cards



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# UD-M300

## Hand Feed Die Cutter



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## Short Run Die Cutting for Endless Possibilities.

Create on-demand die cut products with the UD-M300 Hand Feed Die Cutter!

The UD-M300 Hand Feed 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-M300 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" with affordable cost.

The UD-M300 features similar specifications as the UD-300 Die Cutter model plus a hand feed tray and fine tune adjustments for precise and accurate die cut applications. It also comes standard with a receiving tray, however, a separator and conveyor unit is available as an option.

Compact in size for short run demands, the UD-M300 Hand Feed Die Cutter provides a cost-efficient solution – making it a great solution for the graphic arts and on demand print and finishing 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 steel to handle most type of digital print applications. Thin in size, flexible dies require minimal space to store.

### EASY SET UP & QUICK JOB CHANGEOVERS

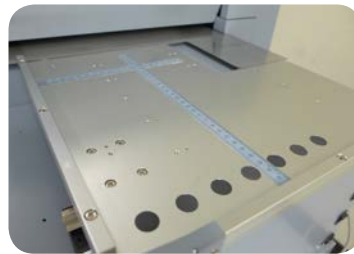
The UD-M300 Hand Feed Die Cutter has been designed to minimize set up times and reduce make-readies. Job changeovers are quick and easy. Without any experience required, operators can easily change over a die in less than a minute. The flexible die is wrapped around a rotary magnetic cylinder, which holds the die in complete registration.

Adjustments can be made in 0.1mm increments for both the width and length direction of the sheet.

### DURABLE, HIGH PRODUCTION EQUIPMENT

Compared to traditional flatbed die cutters and other rotary die cutting solutions, the UD-M300 is compact in size yet highly durable and can easily be placed in any on demand environment.

Ideal for digital print providers in need of a short-run die cutting solution, the UD-M300 Hand Feed Die Cutter provides a cost-efficient solution for producing custom-shaped pieces with faster job turnaround and minimal set up times. Customers are recommended to keep their most popular die plates in-house so when jobs are printed on demand, they can also be finished on demand with no downtime.



### HAND FEED TRAY

The UD-M300 features a hand feed system and fine tune adjustments for precise and accurate diecut applications.



### MAGNETIC CYLINDER AND FLEXIBLE 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.



### RECEIVING TRAY

A receiving tray easily stacks and collects the applications. Optional separator and receiving conveyor is available.

## APPLICATION SAMPLES

With the ability to perform kiss cuts, the UD-M300 Hand Feed 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.



printed sheet



die cut pieces

Adhesives

Create a variety of postcards, from round corner, scallop to bracket postcards.



printed sheet



die cut pieces



finished postcards

Round  
Corner  
Cards

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 make it easy for stores to hang.



printed sheet



die cut pieces



with retail products



finished & display-ready

Retail  
Product  
Packaging