



Performance
Built.



The Standard Horizon RD-4055DMC Die Cutter



Horizon



- Rotary Die Cutter designed to meet the growing demand for short run product, with the durability and production rate for any run length
- Die-cut, kiss cut, crease, perforate, slit, hole punch, emboss/deboss, and round corner in one process for digital and offset printed sheets
- Reduces costly labor steps and increases productivity with flexible dies versus steel rule or mechanical dies
- Quick and easy automatic setup via touchscreen without a skilled operator
- Job memory storage for common formats and repeat applications
- Automatic waste removal
- Increased operator safety



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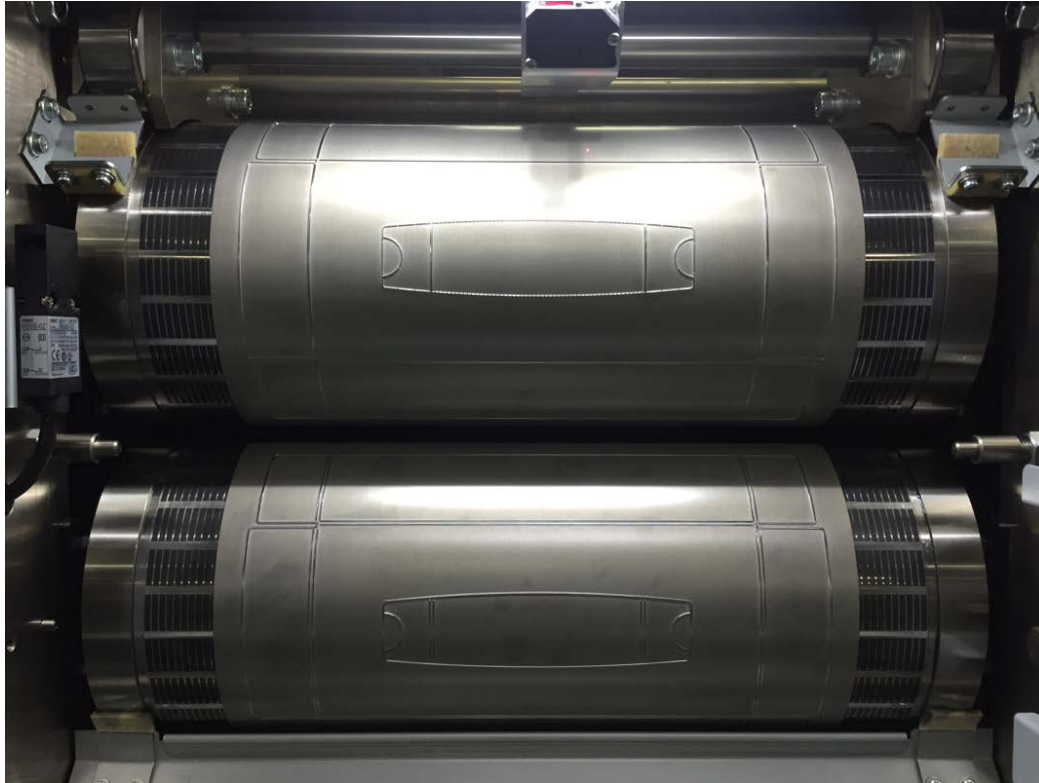


Applications

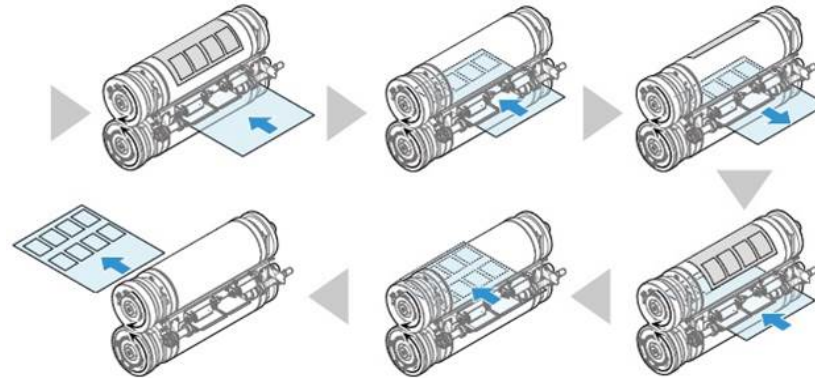


- Greeting/note cards
- Playing cards
- Coasters and place cards
- Door hangers
- Coupons and tickets

- Boxes and packaging
- Stickers:
(pressure sensitive, gum back, static)
- Bottle and merchandise labels
- Pocket folders
- Unique mailers



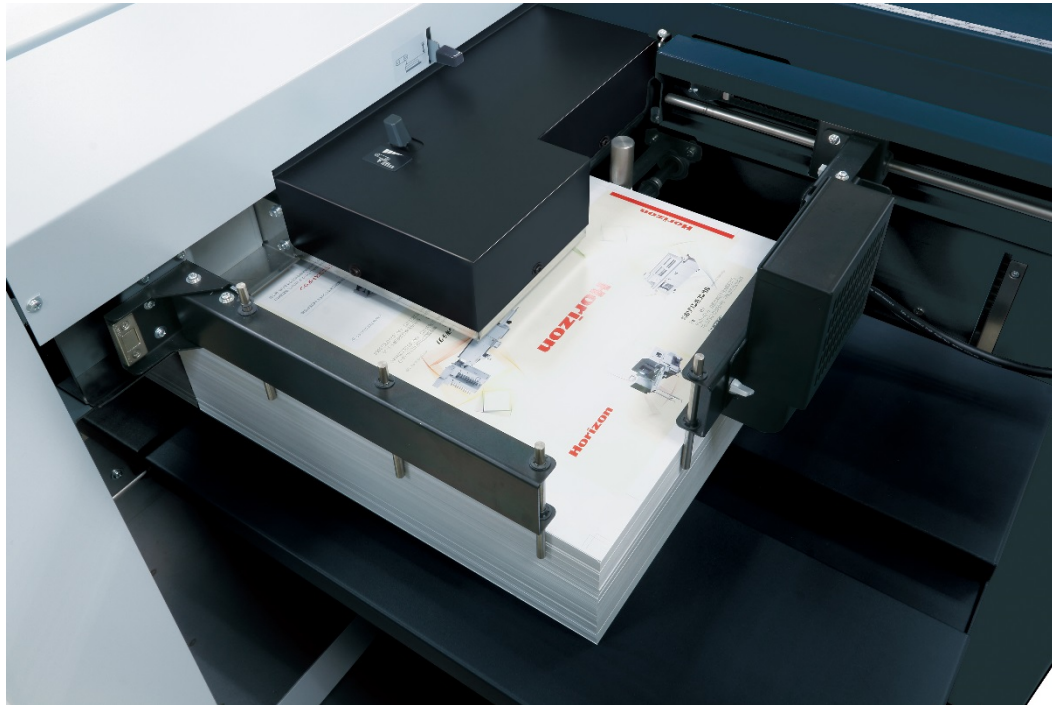
- Dual Magnetic Cylinder handles light packaging applications with ease
- Male and female dies for high quality creasing, embossing, and debossing
- Quick mount flexible dies with pin register and magnetic cylinders



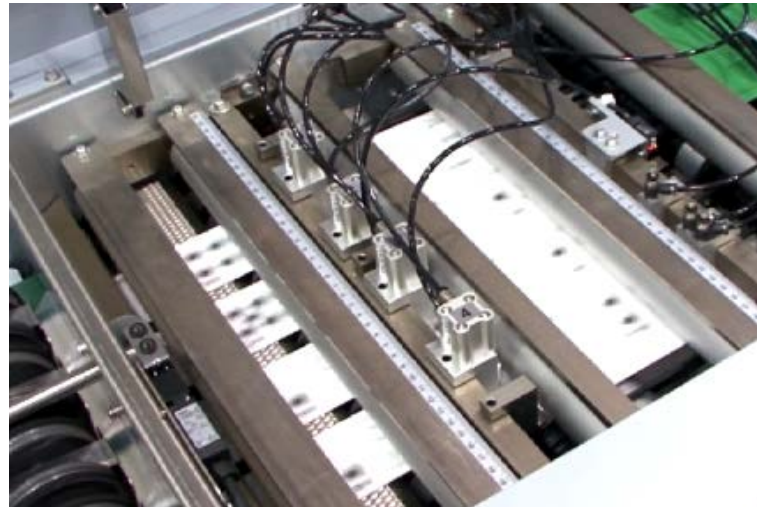
- Offers additional flexibility and reduces die cost
- Multiple-up imposed applications from a single die pattern
- Independent repeat registration for increased accuracy
- Up to 5 repeats in a single pass



- Registers to a print mark instead of the leading edge of the sheet
- Automatically adjusts for digital print image shift or plate stretch from top to bottom of the sheet
- Mark sensor is optional



- Consistent feeding performance with top vacuum belt feed and powerful air separation
- Deep pile feed capacity (19.68")
- Auto size setting for up to 15.74" x 21.65" sheet size
- Easy adjustment to accommodate a wide range of substrates



- Auto trim waste removal is standard
- Three stripping methods:
 - Mechanical – straight through stripping
 - Pneumatic – knock-outs and divert assist
 - Air Blast – small cut-outs
- Only finished product is delivered to shingled conveyor with standard batch separation

- Die-cutting and kiss cutting in single pass, for label sheets
- Compact, small footprint
- Simple set-up and operation via the intuitive touchscreen
- Cut-to-print fine adjustment from the touch screen (up/down, left/right)
- Accurate sheet alignment by means of vacuum register table
- Die usage meter
- Quick and easy die changes



Sheet Feeding System	Vacuum Belt feed
Sheet Size (Before Processing)	Maximum: (W x L) 15.74" x 21.65" Minimum: (W x L) 7.88" x 10.83"
Finished Sheet Size (With Separator)	Maximum: (W x L) 14.8" x 20.8" Minimum: (W x L) 1.97" x 3.15"
Finished Sheet Size (Without Separator, with nicks)	Maximum: (W x L) 15.1" x 20.8" Minimum: Depending on die shape
Processed Material	Normal Paper, Coated Paper, Cardboard
Material Thickness	127.9 to 400 gsm/0.5 mm
Feeder Pile Height	19.68"
Production Speed	Up to 6,000 cycles per hour

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Configurations

RD-4055



Max Sheet Size: 15.74" x 21.65"
Substrates up to .019"
6,000 cycles/hour

RD-3346



Max Sheet Size: 13" x 21.65"
Substrates up to .013"
5,000 cycles/hour

RD-4055DMC



*Dual Magnetic
Cylinder*

Same features as RD-4055 with Dual Magnetic Cylinder for high quality creasing, embossing/debossing and light packaging applications



ST-4055

RD-4055

ST-4055 Stacker

The optional ST-4055 stacks a wide range of substrates and applications such as thinner sheets or complicated shapes which can be difficult to separate. Offset stacking is also possible.

BT-4055 Bucket Receiving Tray

The BT-4055 is a low cost stacking alternative that delivers non-separated die cut sheets.



BT-4055

RD-4055

- Benefits of Flexible, Magnetic Dies
 - Much easier and simpler changeover, suitable for short-run
 - Does not require skilled operator for job set-up
 - Safe operation
 - Less storage space
 - Fast turnaround

- Magnetic Die Manufacturers
 - ✓ Kocher & Beck: <http://kocher-beck.com/company/>
 - ✓ Rotometrics: <http://www.rotometrics.com/>
 - ✓ Electro Optics: <http://en.electro-optic.com/>
 - ✓ Other options available

- Die Preparation
 - ✓ Vector File, including die thickness (0.6mm or 0.8mm), substrate thickness, kind of material

- 1-3 Day Turnaround