



## FDC-600

# Web-Fed Flatbed Die Cutting For Cartons

Do you want to eliminate your work in progress, reduce number of operators, waste, power and give an unrivalled delivery time to potential customers?

The FDC-600 gives you the efficiency of a reel fed system and the benefits of flatbed die technology & versatility

1

Edale's in-line Flatbed Die-Cutter (FDC) can fit on the end of any narrow web press up to 600mm wide and opens up the carton market to traditional narrow web label printers.

2

True single pass carton production reduces work in progress, number of operators, waste, power and gives unrivalled delivery times to potential customers.

3

In addition and to maximise production, Edale can also offer a stand-alone Jumbo Unwind. This unit sits in front of your existing press and allows for 1.5m jumbo reels of carton board to be run through your press.

## FDC - Key Features

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- Quick die changeover (15 mins new die/5 mins repeat job)
- Traditional wooden based dies are typically 5% of the cost comparable solid rotary dies
- Traditional wooden dies replicate exactly the industry-standard cut and crease required
- 165 tons pressure cuts, creases, embosses with braille within one tool
- High Speed - 13,000 impressions per hour
- Carton stripped and placed on a diverging shingling conveyor for easy packing
- Waste automatically chopped and discharged

**To find out more  
contact: [info@edale.com](mailto:info@edale.com)  
or call: +44 (0) 1489 569230**

## Jumbo Unwind - Key Features

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- 1500mm | 60" roll diameter means 100% longer run between changes compared to standard 1000mm unwinds
- 12" mechanical mandrel reduces curl and prevents slippage
- Hydraulic roll lift
- Optional pre-tension and pre-conditioning tension guarantees register
- Optional contact and non-contact web cleaning
- Optional pre-heater
- Conditions material before printing

## FDC – Technical Specifications

Max. web width

Maximum cut width

Maximum cut length

Height of cutting blades

Maximum cutting force

Maximum diverging card delivery

Maximum performance

Maximum mechanical speed

Substrate range\*

\*Substrate range is subject to machine configuration. Actual performance will be subject to trial.

## Performance & Technology

300-600mm | 24"

580mm | 22.83"

711.2mm | 28"

23.8mm

165 tons

4 across

13,000 impressions per hour  
depending on the job spec

Up to 100 m/min

Up to 600 microns



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