WEB FED FLATBED DIE CUTTING MACHINE

COMBINE PRINT, CUT, CREASE, BRAILLE EMBOSSED AND WASTE REMOVAL

FLEXIBLE > LOW WASTE > SHORT RUN > COST EFFECTIVE
FDC510 - WEB-FED FLATBED DIE CUTTER

The FDC-510 is an ideal solution for converting conventional or digitally printed products which require cutting, creasing and braille embossing, combining the best of sheet fed flatbed die cutting technology with a cutting edge servo driven constant tension web transport system.

With a maximum speed of 10,000 impressions per hour, the ability to nest products up to five across and the benefit of being able to reconfigure the machine for a wide range of carton sizes and forms without specialist tooling ensures that downtime and substrate wastage is kept to a minimum.
WHY EDALE?

SOFTWARE DEVELOPED IN-HOUSE (PLC, Motion control and HMI)

60,000 sq ft. factory

15 Mechanical & Software Engineers

60 YEARS Experience

AFTERCARE (Service, Support, Spares)

FLEXIBLE APPROACH

HYBRID TECHNOLOGY

PACKAGING EXPERTS

INTEGRATION

FDC 510
**FDC 510**

**PERFORMANCE & TECHNOLOGY**

<table>
<thead>
<tr>
<th>MAX WEB WIDTH</th>
<th>MAX CUT WIDTH</th>
<th>MIN/MAX CARTON SIZE</th>
<th>MAX CARTON DELIVERY</th>
<th>STD. REPEAT RANGE</th>
<th>MAX SUBSTRATE</th>
</tr>
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<tbody>
<tr>
<td>510mm</td>
<td>510mm</td>
<td>(L)150mm x (W)100mm / (L)609.6mm x (W)510mm</td>
<td>5 across</td>
<td>254mm - 609.6mm</td>
<td>600 micron</td>
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- Pre-register system accurately positions print to cut, minimising waste during setup.
- Repeat tool changes achieved in less than five minutes and new jobs setup in under ten minutes.
- Constant tension servo assisted infeed converts continuous web feed to intermittent.
- Independent control system means the FDC-510 can run either in-line or as an offline system.
- Electronic cut pressure adjustment.
- Up to 10,000 impressions per hour enables web speeds up to 90 m/min.
- Die cutting head technology is provided by KAMA, a highly respected company with over 100 years cutting experience.

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Job storage system stores die cutter data to be recalled at a later date

Adjustable waste stripping section caters for a wide range of formats

Under 15 mins
90% cheaper than solid rotary tooling
Ideal for short runs from 1000-100,000 units
Up to 10,000 impressions per hour
Reconfigure machine for a wide range of carton formats
Accurately positions print to cut, minimising waste during setup