



Highcon

Digital Finishing
for **AGILE**
PRODUCTION



Euclid 5

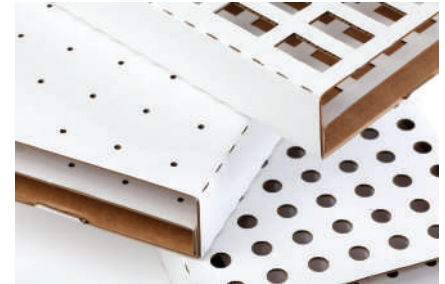
Euclid 5C

Beam 2C

Beam 2



Highcon Euclid 5C



DIGITAL CUTTING & CREASING FOR CORRUGATED BOARD

- Dual purpose packaging for shipping and for the shelf
- Ability to adapt size and structure to optimize box size, reducing shipping costs
- Non-crush digital creasing technology maintains box integrity
- Customized perforation enables optimized opening mechanisms with cleaner edges



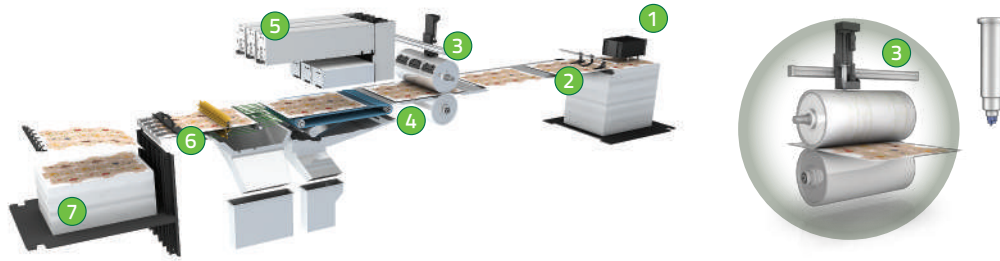
Highcon Beam 2C



The Highcon Beam 2C brings all the advantages of the flagship Beam 2 machine to the corrugated market for packaging and display. This solution is available in two configurations: standard, and nonstop feeding, stacking and waste removal. The nonstop feeder and stacker is an optional module for the standard machine, is field upgradable and delivers enhanced productivity.

- Up to 4,000 B1 sheets/hour
- Rapid turnaround of corrugated applications
- For packaging, POS, display components and inserts

Highcon Digital Cutting and Creasing Process



- 1 Feeding system
- 2 Registration (mechanical)
- 3 DART station (creasing)
- 4 Advanced registration*
- 5 Laser system (cutting)
- 6 Digital stripping*
- 7 Stacking system

	BEAM 2C	EUCLID 5C	BEAM 2	EUCLID 5	EUCLID 5S
Beverage carriers	■	■			
Dividers / Inserts	■	■			
Counter displays	■	■			
Secondary packaging	■	■			
POS - display components (corrugated)	■	■			
Versioning / customization	■	■	■	■	■
E-commerce packaging	■	■	■	■	■
Blister cards / hanging cards			■	■	■
Folding carton packaging			■	■	■
Greeting cards			■	■	■
Pocket folders			■	■	■
POS wobblers, shelf-talkers, tags on the shelf			■	■	■
Collateral (brochures, flyers, invitations, business cards)					

*Optional Module



Highcon Euclid 5

FOR FOLDING CARTON CONVERTERS, COMMERCIAL PRINTERS AND TRADE FINISHERS WORKING IN B1/B2 FORMAT

Proven digital cutting and creasing technology for short to medium runs at an affordable price answering the market trends.

- Applications: short and medium runs, commodity and luxury packaging, sleeves, blister cards, greeting cards, brochures, calendars, invitations



Highcon Beam 2

DIGITAL CUTTING AND CREASING PRODUCTION FOR FOLDING CARTON AND COMMERCIAL APPLICATIONS AT UP TO 5,000 B1 SHEETS/HOUR

For mid-large folding carton converters, large commercial printers (B1) and large trade finishers. A robust profitable solution. Improves supply chain by eliminating tooling and streamlining setup. Wide substrate gamut - up to E-flute.

Analog to digital conversion - also frees up analog equipment for very long runs.

- Applications: medium runs, commodity and luxury packaging, sleeves, blister cards, greeting cards, brochures, calendars, invitations, beverage packaging, dividers/inserts, counter displays



Parameter	Euclid 5S	Euclid 5	Beam 2
Max format (portrait)	530 x 750 mm (21 x 30")	760 x 1060 mm (30 x 42")	760 x 1060 mm (30 x 42")
Min format (portrait)	320 x 457 mm (12.5 x 18")	320 x 457 mm (12.5 x 18")	500 x 700 mm (19.7 x 27.5")
Thickness	200-600 μ (8-24 pt.)	200-600 μ (8-24 pt.)	200-900 μ (8-36 pt.)
Corrugated (portrait)	-	-	Flute types NFGE / Up to 2 mm 0.08"
Max throughput*	2,750 sph	2,250 B1 sph / 2,750 B2 sph	5,000 B1 sph
Height of feeder pile (including pallet)	1.1 m (3.6 ft)	1.1 m (3.6 ft)	1.1 m (3.6 ft)
Height of delivery pile (including pallet)	1 m (3.3 ft)	1 m (3.3 ft)	1 m (3.3 ft)
Net cutting area	510 x 740 (20.1 x 29")	740 x 1050 mm (29 x 41")	740 x 1050 mm (29 x 41")
Gripper margin	15 mm (0.59")	15 mm (0.59")	15 mm (0.59")
LxWxH	8.6 x 2.1 x 2.3 m (28 x 7 x 7.5 ft)	8.6 x 2.1 x 2.3 m (28 x 7 x 7.5 ft)	8.8 x 2.15 x 2.1 m (28.9 x 7 x 6.7 ft)
Net weight	6,000 kg (13,228 lb)	6,500 kg (14,330 lb)	8,000 kg (17,637 lb)
OPTIONAL MODULES			
HIDS, Highcon Integrated Digital Stripping	Option	Option	Option
Advanced Registration	Option	Option	Option
Variable Data Cutting	Option	Option	Option
CAD Light Editor	included	included	included

* Depending on layout and substrate thickness

Parameter	Euclid 5C	Beam 2C
Max format (portrait)	760 x 1060 mm (30 x 42")	760 x 1060 mm (30 x 42")
Min format (portrait)	500 x 700 mm (19.7 x 27.5")	500 x 700 mm (19.7 x 27.5")
Corrugated (portrait)	Flute types N F G E B / 1-3 mm 0.03 - 0.11"	Flute types NFGEBC & double wall 1-4mm 0.03-0.15"
Max throughput*	2,250 B1 sph	4,000 B1 sph
Height of feeder pile (including pallet)	1.1 m (3.6 ft)	1.1 m (3.6 ft **)
Height of delivery pile (including pallet)	1 m (3.3 ft)	1 m (3.3 ft) / 1.4m (4.5 ft***)
Net cutting area	740 x 1050 mm (29 x 41")	740 x 1050 mm (29 x 41")
Gripper margin	15 mm (0.59")	15 mm (0.59")
LxWxH	8.6 x 2.1 x 2.3 m (28 x 7 x 7.5 ft)	8.8 x 2.15 x 2.1 m 15.1 x 2.3 x 2.7 m** 28.9 x 7 x 6.7 ft 49.5 x 7.5 x 9 ft**
Net weight	6,500 kg (14,330 lb)	8,000 kg 13,000 kg** / 17,637 lb 28,660 lb**
OPTIONAL MODULES		
HIDS, Highcon Integrated Digital Stripping	Option	Option
Advanced Registration	Option (from top)	Option
Variable Data Cutting	Option	Option
Extractor	Option	Option
Nonstop feeder, stacker, waste removal	-	Option
CAD Light Editor	included	included

* Depending on layout and substrate thickness

** Bottom feeder in nonstop configuration

*** Nonstop configuration



Speed
to Market

- Customers expect rapid turnaround, between 24-48 hours
- Digital process enables Agile Production
- No need to order or wait for die cutting or stripping tools – saves time & costs
- Reduced setup time
- Last minute changes



Profitable
Short Runs

- No more Minimum Order Quantities
- Free up analog equipment
- Limited editions, special campaigns, small manufacturers



Customization/
Personalization

- Consumers demanding relevance
- Multiple versions
- Products tailored to local markets
- Seasonal launches
- Event marketing
- Variable data cutting/etching



Online

- Customization of size and structure
- Dual purpose packaging for shipping and brand engagement
- Rightsizing and light-weighting of online packages



Sustainability

- Circular packaging economy
- No die (wood, metal, rubber)
- No transport or storage
- Lean supply chain
- Reduced over-packaging



Highcon

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