



Highcon

Digital Finishing for **AGILE** PRODUCTION



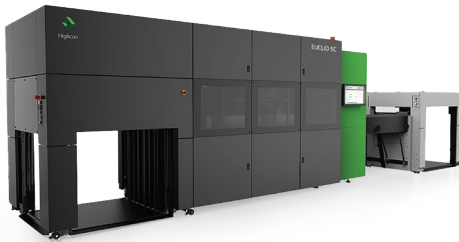
Euclid 5

Euclid 5C

Beam 2C

Beam 2

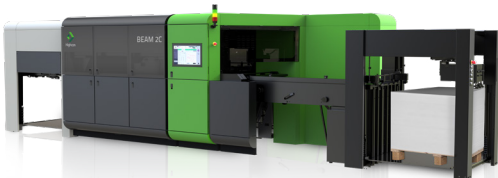
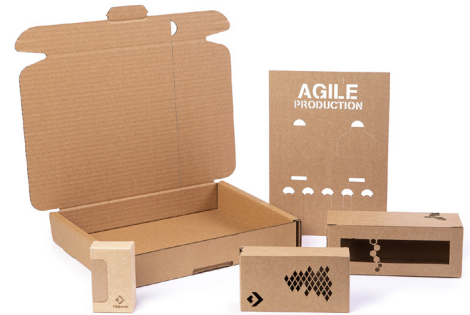
Corrugated



Highcon Euclid 5C

FOR SMALL TO MEDIUM SIZED CORRUGATED MANUFACTURERS

- 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

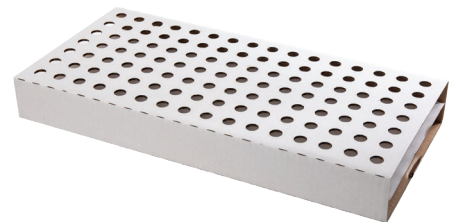


Highcon Beam 2C

FOR MEDIUM TO LARGE CORRUGATED MANUFACTURERS

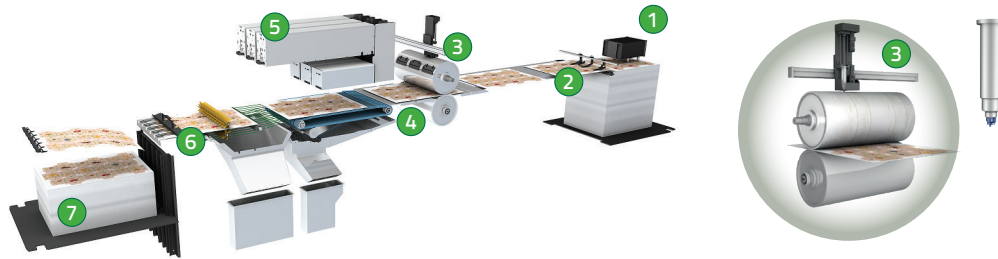
The Highcon Beam 2C brings all the advantages of the flagship Beam 2 machine to the corrugated market for packaging and display. The Beam 2C is available in two versions - a pallet feed standard configuration and a field upgradable non-stop feeding, stacking and waste removal configuration.

- Up to 4,000 B1 sheets/hour
- Rapid turnaround of corrugated applications
- Short to medium run corrugated packaging



Applications: Both the Euclid 5C and the Beam 2C are suitable for packaging, POS, display components and inserts. The Beam 2C supports higher speed and thicker substrates – see specifications.

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
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

Folding Carton



Highcon Euclid 5

FOR FOLDING CARTON CONVERTERS

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

FOR MID-LARGE FOLDING CARTON CONVERTERS

Digital cutting and creasing production for folding carton and commercial applications at up to 5,000 b1 sheets/hour.

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





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

- 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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Parameter	Euclid 5C	Beam 2C Pallet-base	Beam 2C Nonstop
Max format (portrait)	760 x 1060 mm (30 x 41.7")	760 x 1060 mm (30 x 41.7")	760 x 1060 mm (30 x 41.7")
Min format (portrait)	500 x 700 mm (19.7 x 27.5")	500 x 700 mm (19.7 x 27.5")	500 x 700 mm (19.7 x 27.5")
Corrugated (portrait)	Flute types F E B / 1-3 mm 0.03 - 0.11"	Flute types F E B C Double wall EE 1-4 mm 0.03 - 0.15"	Flute types F E B C Double wall EE 1-4 mm 0.03 - 0.15"
Max throughput*	2,250 B1 sph	4,000 B1 sph	4,000 B1 sph
Height of feeder pile (including pallet)	1.1 m (3.6 ft)	1.1 m 3.6 ft	Bottom feeder
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")	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)	8.8 x 2.15 x 2.1 m (28.9 x 7 x 6.7 ft)	18.9 x 2.3 x 2.7 m (62 x 7.5 x 9 ft)
Net weight	6,500 kg (14,330 lb)	8,000 kg (17,637 lb)	17,300 kg (38,139 lb)
OPTIONAL MODULES			
HIDS, Highcon Integrated Digital Stripping	Option	Option	Option
Advanced Registration	Option	Option	Option
Variable Data Cutting	Option	Option	Option
Extractor	Option	Option	Option
CAD Light Editor	included	included	included

Parameter	Euclid 5	Beam 2
Max format (portrait)	760 x 1060 mm (30 x 41.7")	760 x 1060 mm (30 x 41.7")
Min format (portrait)	320 x 457 mm (12.5 x 18")	500 x 700 mm (19.7 x 27.5")
Thickness	200-600 µ (8-24 pt.)	200-900 µ (8-36 pt.)
Corrugated (portrait)	-	Flute types F E / Up to 2 mm 0.08"
Max throughput*	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)
Height of delivery pile (including pallet)	1 m (3.3 ft)	1 m (3.3 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")
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* Depending on layout and substrate thickness