



Highcon

# Digital Finishing for **AGILE** PRODUCTION



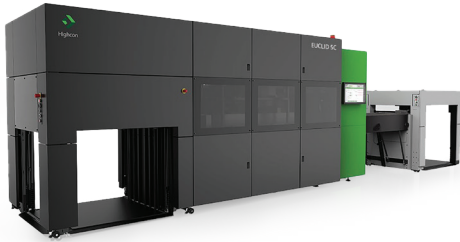
Euclid 5

Euclid 5C

Beam 2C

Beam 2

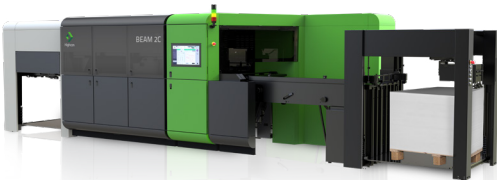
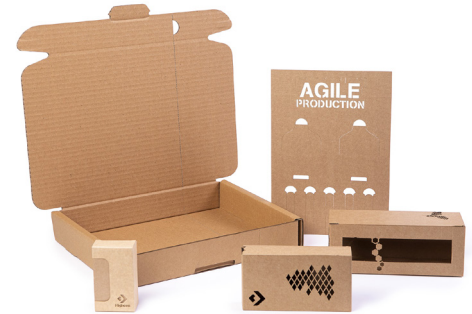
# Corrugated



## 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

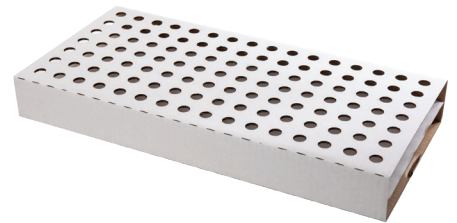


## Highcon Beam 2C

### FOR MEDIUM TO LARGE CORRUGATED MANUFACTURERS

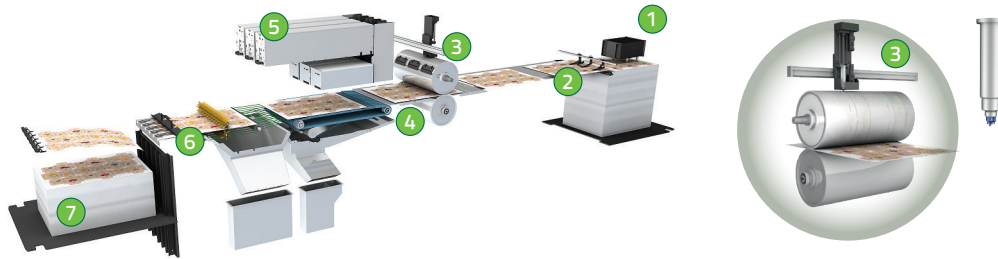
The Highcon Beam 2C brings all the advantages of the flagship Beam 2 machine to the corrugated market for packaging and display. This solution is available in two configurations: pallet-base for short runs, and nonstop feeding, stacking and waste removal version. The nonstop feeder and stacker is an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

- 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

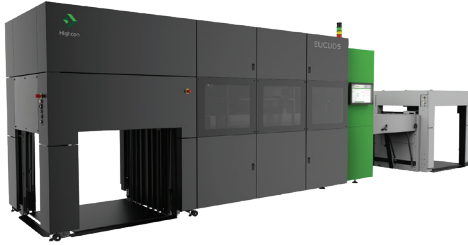


- 1 Feeding system    2 Registration (mechanical)    3 DART station (creasing)    4 Advanced registration\*    5 Laser system (cutting)    6 Digital stripping\*    7 Stacking system

	BEAM 2C	EUCLID 5C	BEAM 2	EUCLID 5	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

# Folding Carton

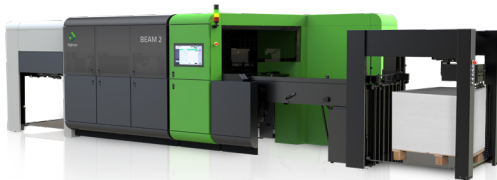


## Highcon Euclid 5

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

FOR MID-LARGE FOLDING CARTON CONVERTERS, LARGE COMMERCIAL PRINTERS (B1) AND LARGE TRADE FINISHERS

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



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 F E / 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)
<b>OPTIONAL MODULES</b>			
HIDS, Highcon Integrated Digital Stripping	Option	Option	Option
Advanced Registration	Option	Option	Option
Variable Data Cutting	Option	Option	Option
CAD Light Editor	<b>included</b>	<b>included</b>	<b>included</b>

Parameter	Euclid 5C	Beam 2C Pallet-base	Beam 2C Nonstop
Max format (portrait)	760 x 1060 mm (30 x 42")	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")	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)
<b>OPTIONAL MODULES</b>			
HIDS, Highcon Integrated Digital Stripping	Option	Option	Option
Advanced Registration	Option (from top)	Option	Option
Variable Data Cutting	Option	Option	Option
Extractor	Option	Option	Option
CAD Light Editor	<b>included</b>	<b>included</b>	<b>included</b>

\* Depending on layout and substrate thickness



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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