



Highcon

Digital Finishing  
for **AGILE**  
PRODUCTION



Euclid 5

Euclid 5C

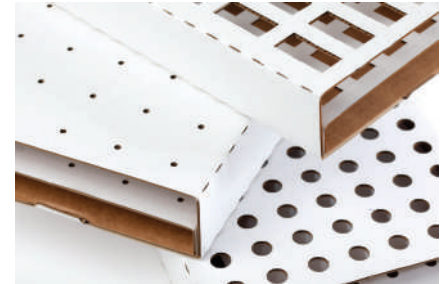


Beam 2C

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



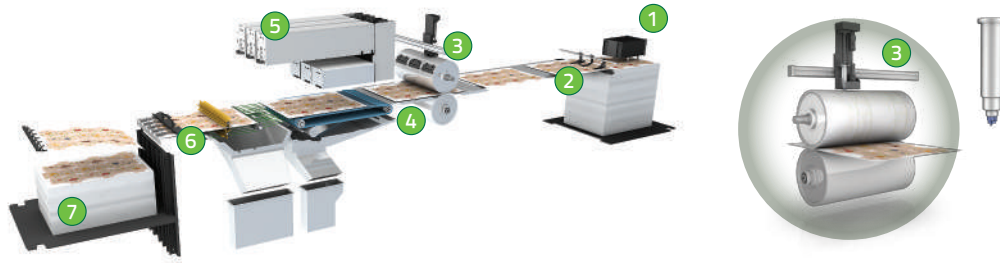
## Highcon Beam 2C



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)
<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>

\* 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**
<b>OPTIONAL MODULES</b>		
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	<b>included</b>	<b>included</b>

\* 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



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