







Highcon Euclid III C

The Highcon Euclid III C digital cutting and creasing machine has been specifically engineered to suit the needs of packaging converters working in B1 and B2 format for corrugated and fluted substrates from 1 mm up to 3mm/ 40-120pt.






Not only does the Highcon Euclid III C save on the production and storage of die cutting forms but also adds the flexibility of digital technology which enables JIT production, short runs, customized perforations with cleaner edges and easier opening, and variable data cutting and etching for customization or personalization down to the level of serial numbers.

Box Compression Tests that have been performed by comparing the digitally produced boxes with conventional ones have proven that boxes produced with the same substrate on the Euclid III C are stronger than those produced on conventional machines – and this enables thickness reduction that saves cost. This also obviously could have a positive impact on the environment.

Benefits

-  Improved responsiveness, short turnaround time
-  Ability to customize size and structure to optimize box size, reducing shipping costs
-  Profitable solution for in-house finishing of short runs at affordable price.
-  Flexibility of digital technology enables JIT production, short runs, customized perforations with cleaner edges
-  Customized perforation capability enables optimized opening mechanisms
-  Box Compression Tests prove that boxes produced with the same substrate on the Euclid are stronger than those produced on conventional machines enabling thickness reduction that saves cost.

Features

-  Flute and microflute range: N, F, G, E & B (single wall, laminated)
-  Up to full B1/ 42 in. format
-  Up to 1,500 sheets/ hour
-  Advanced Registration (optional) printed mark required on top
-  Variable data cutting (optional)

Highcon Euclid IIC Specification

	parameter	metric	in
Substrate and performance	Max format	760 x 1060 mm. portrait	30 x 42
	Min format	500 x 700 mm. portrait	19.7 x 27.6
	Flute and Microflute range N+F+G+E+B*	1 – 3 mm.	40 – 120 pt.
	Maximum throughput (s/h)*	1,500 sheets/hour	
Pile data	Height of feeder pile, inc. pallet	1.1 m.	3.6 ft.
	Height of delivery pile, inc. pallet	1 m.	3.3 ft.
Technical data	Net cutting area	740 x 1050 mm.	29 x 41
	Gripper margin (mm)	15 mm.	0.59
Machine dimensions & weight	L x W x H	8.6 x 2.1 x 2.3 m	28 x 7 x 7.5 ft.
	Net weight (tons)	~7 tons	

*Board type – single wall, laminated, curviness range 40mm/1m (4%)

Highcon Euclid IIC Modules

CAD Light Editor	Included
Advanced Registration (mark on top)	Optional add-on
Variable Data Cutting	Optional add-on



Highcon

www.highcon.net

Headquarters: ✉ info@highcon.net | ☎ +972-8-9101705 | 📠 +972-8-9101706

©2018 Highcon Systems Ltd. All rights reserved. No part of this material may be copied in any form without the express written approval of Highcon. Highcon, the Highcon logo, Highcon Euclid and DART are trademarks of Highcon Systems Ltd., which may be registered in certain jurisdictions. All other trademarks are the property of their respective owners. Highcon's machinery, systems, software and methods are patented or patent pending. The information contained herein is subject to change without notice. Highcon shall not be liable for technical or editorial errors or omissions contained herein.