



**AOPACK**  
Box making machine

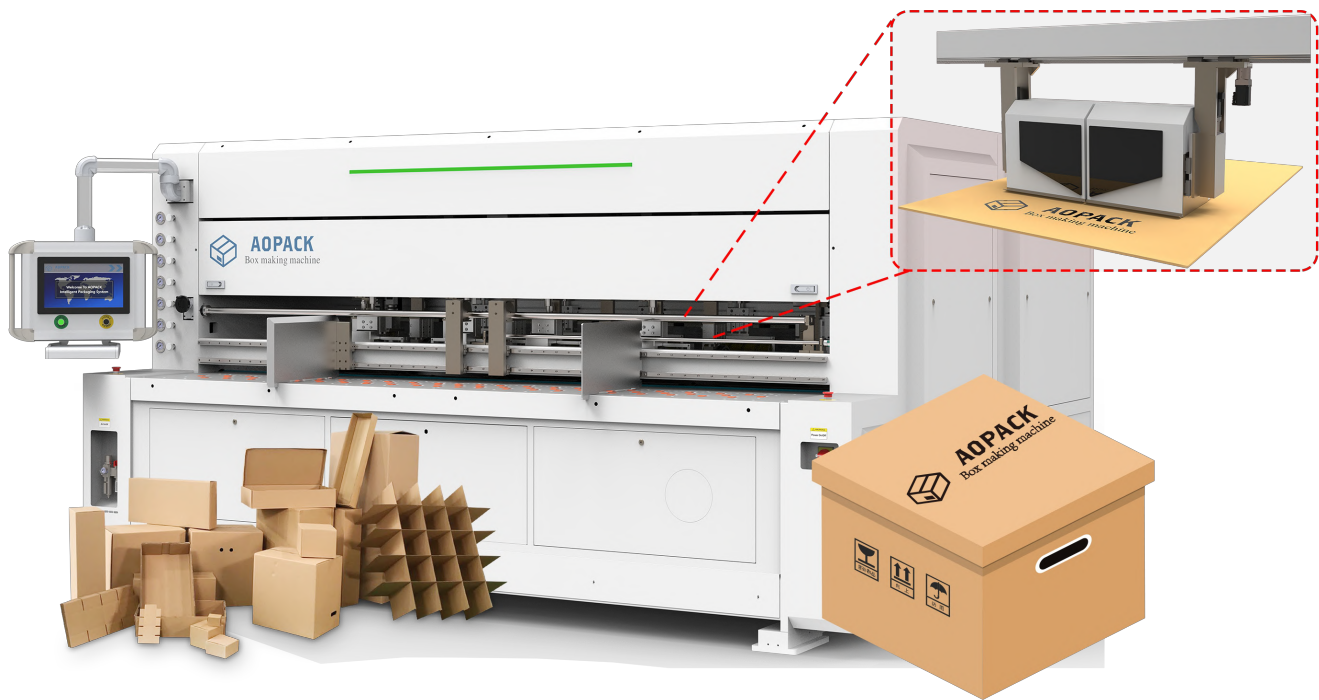


Watch Videos

## Corrugated Box Maker with Digital Printing

# BM2800-Ultra

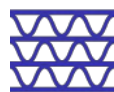
Single Pass - Short Run - On Demand



**1 BM2800-Ultra = 1 Slitter + 1 Slotter + 1 Gluer + 1 Plotter + 1 Printer**



1-6s  
Change Over Time



E to AAA  
Corrugated Flute



Irregular  
Shapes Cutting



150+ Box  
Styles



Single-pass  
Digital Printing

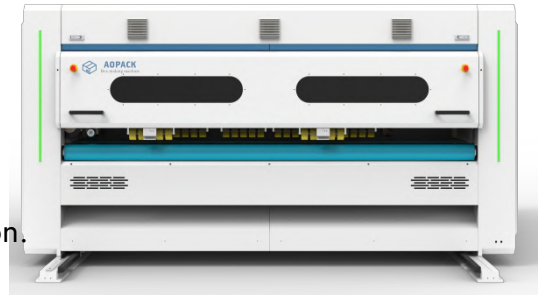
# BM2800-Ultra Aopack Corrugated Box Maker

- E to AAA Flute Corrugated Cardboard
- Industrial Single-pass Digital Printing
- Male-female Double Sided Creasing
- Max. 2800mm Cardboard Width \* Unlimited Length





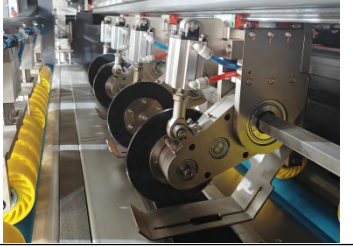

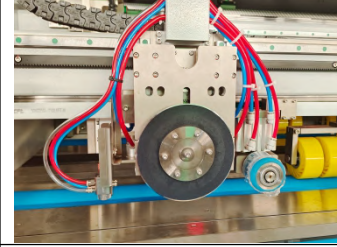



## 1200+ AOPACK Machines Installed in 60+ Countries

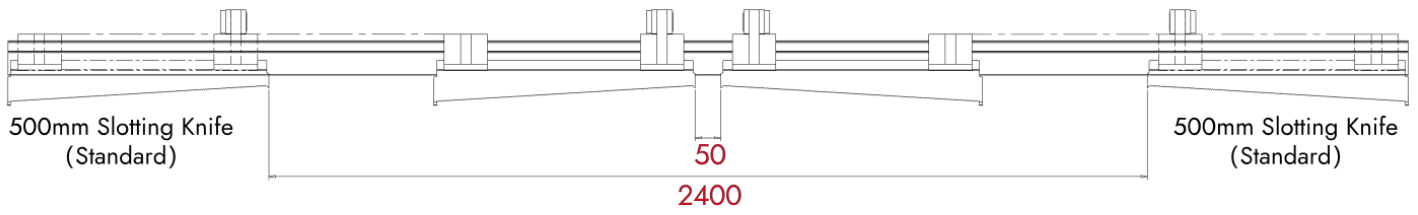
- Cardboard thickness 2mm to 16mm. Up to 2400g/sqm
- Glue Flap Crush & Inconsistent Creasing Available
- Vibrating Knife Cutting Slash, Curve, Irregular Shapes, Perforation.



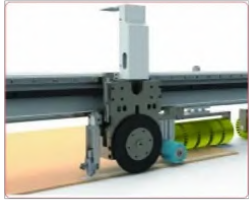
### BM2800-Ultra Features

			
<p><b>Cardboard Feeding</b> 2800mm super large vacuum suction feeding area, Automatic feeding.</p>	<p><b>Pre-creasing / Creasing</b> Pre-creasing avoids burst, 2 rows of creasing, Min. Distance 1mm.</p>	<p><b>Vertical Creasing</b> Male-female double sided creasing, inconsistent creasing</p>	<p><b>Slotting Knife</b> Max. Slotting length: 3 times length of slotting knife</p>
			
<p><b>Vertical Slitting</b> Tungsten steel knives, driven by independent motors</p>	<p><b>Vibrating Knife System</b> Cut and crease irregular shapes without molds</p>	<p><b>Horizontal Cutting/Gluing</b> Glue flap crushing function integrated design</p>	<p><b>Digital Printing</b> Single-pass Printing, Epson single color print head.</p>

# One Stop Solution



• With optional 250mm slotting knife, the max. scoring length (box height) is 2800mm



Inline Gluing



Pre-creasing / Creasing



Horizontal Slotting/Scoring



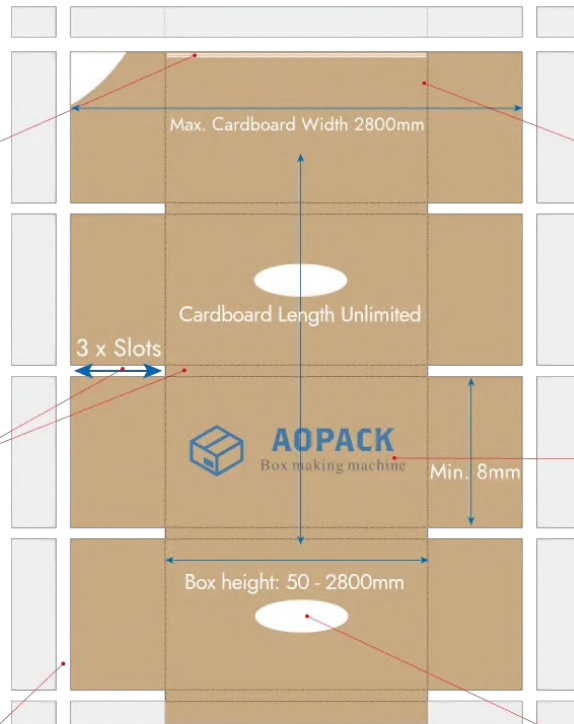
Digital Printing



Vertical Slitting Knife

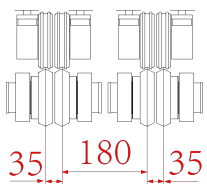


Vibrating Knife Cutting/Creasing

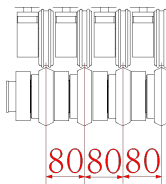


## Pre-creasing / Creasing Installation

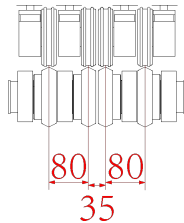
Standard



Option 1

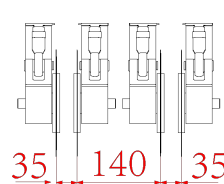


Option 2

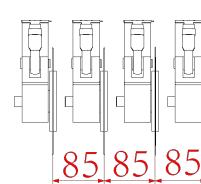


## Slitting Knives Installation

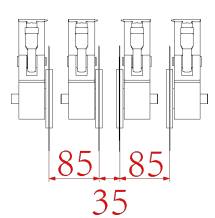
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Option 1



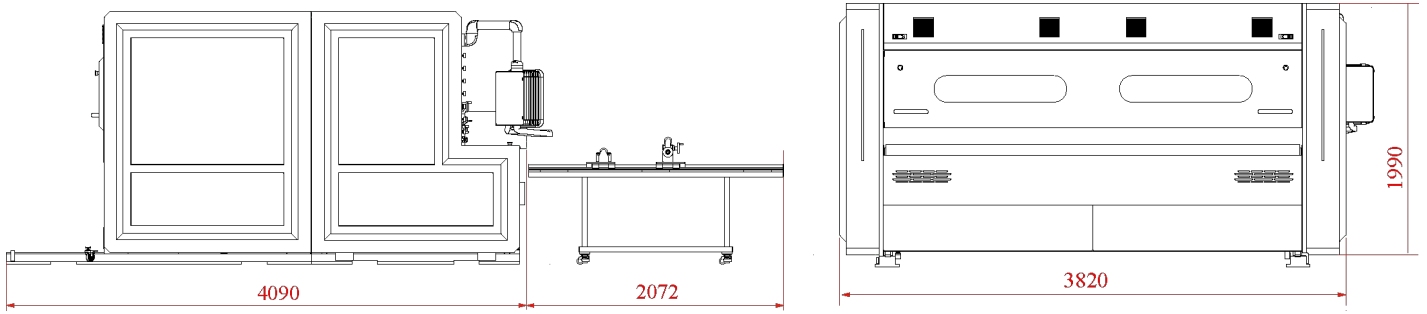
Option 2



## Auto Feeding & Auto Box Collecting System (Optional)



## BM2800-Ultra Machine Layout

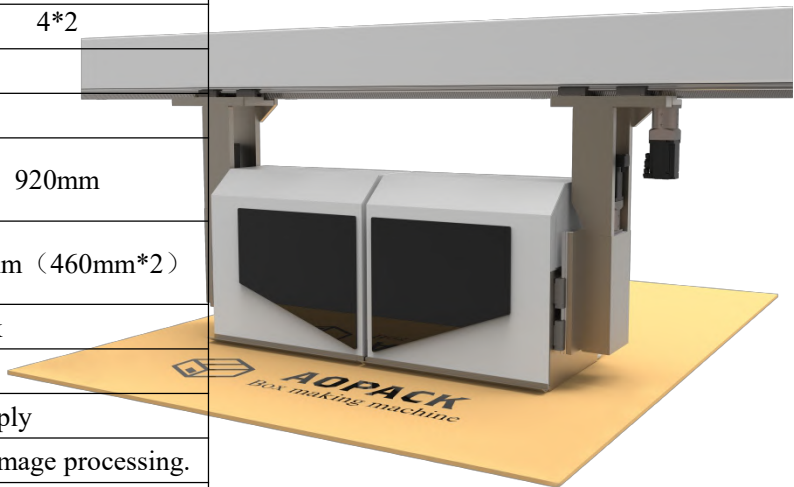


## Machine Technical Data

Cardboard	Cardboard Type	Single / Double / Triple Wall (AAA Cardboard)	Creasing	Pre-creasing Wheel	4
	Thickness	2~16 (30) mm		Creasing Wheel	4
	Weight	≤2400g/m <sup>2</sup>		Double Sided Creasing	√
	Min. Size	300×900mm		Creasing Distance	35/180mm
	Max. Size	2800mm× Unlimited Length		Vertical Slitting Knife	4
Finished Box	Min. Box Height	50mm	Vertical Slitting	Slitting Distance	35/140mm
	Max. Box Height	2400mm	Horizontal Cutting	Cutting Knife	1
	Thinnest Box	35mm		Gluing Function	√
Machine	Power	380V±10%, Max20kW, 50/60Hz	Slotting	Glue Flap Crushing	√
	Compressed Air	100L/min		Slotting Knife	2
	Box Styles	150+		Slotting Knife Length	500mm
	Size	3820(L)*4090(W)*1990mm(H)	Vibrating Knife	Vibrating Knife Qty	2
	Weight	8720kg		Creasing Wheel for Vibrating Knife	Optional

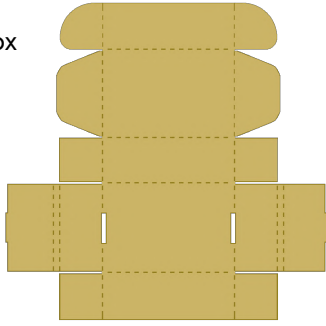
## Digital Printing Technical Data

Printing Head Type	Epson Industrial Printing Head	
Printing Head Qty	2*2	4*2
Print Resolution	600*600dpi	
Print Speed	Up to 45 m/min	
Max. Printing Width (Merge)	460mm	920mm
Max. Printing Width (Split)	2300mm (230mm*2)	2300mm (460mm*2)
Ink Type	Water -based ink	
Ink Color	Single Color	
Ink Supply	Circulating ink supply	
RIP Software	Built-in RIP eliminates separate image processing.	
System Configuration (Min. Requirements)	i7 12th processor, 16GB memory, 512GB solid-state drive	
Working Environment	Temperature 15-25°C, humidity:35%-65%	

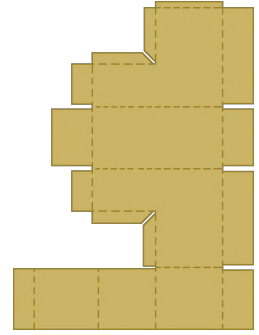
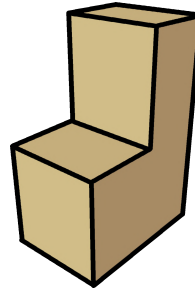


## Basic Box Styles

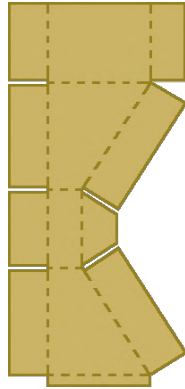
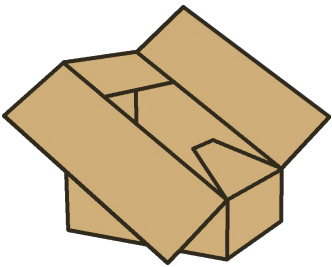
Self Locking Mailer Box



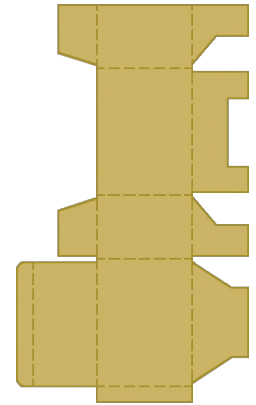
Toilet Pack Box



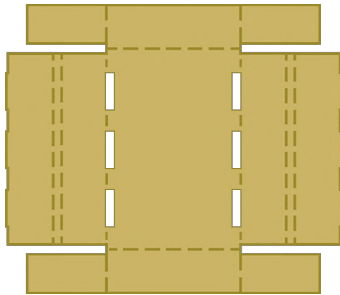
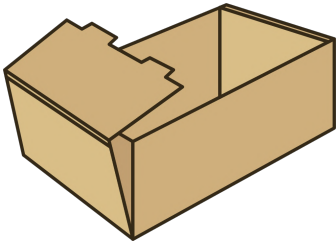
Trapezoidal Shelf Box



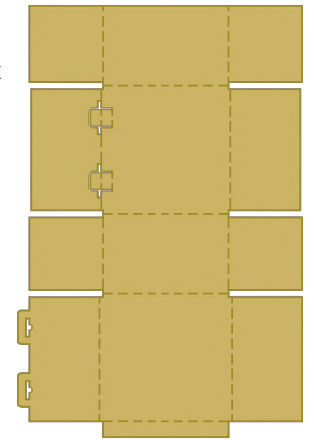
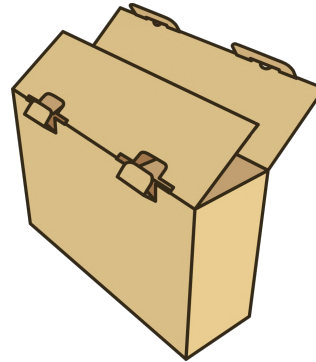
Snap Lock Bottom Box



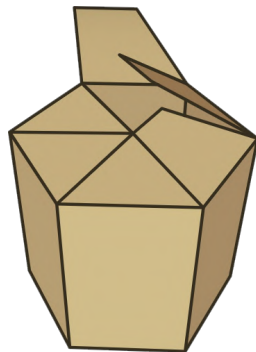
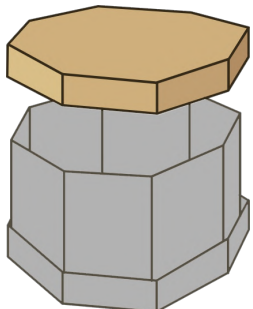
Self Locking Lid and Base Box



Self Locking Full Overlap Box



Octagonal pallet box



Perforation Cutting



More Fefco Code Box Types Available:

111, 112, 112, 113, 115, 117, 118, 202, 203, 205,

**150+** Box Types  
Pre-programmed

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**Free Style System**  
Design your own box types

**CAD File Add dxf/dwg**  
files to the machine

0110 	0114 	0119 	0125 
0200 	0201 	0204 	0209 
0211 	0228 	0229 	0300 
0302 	0400 	0401 	0409 

## Box Making Machine with Digital Printing

The [BM2800-Ultra corrugated box maker](#) is our latest innovation and flagship model, engineered to redefine efficiency in corrugated box production. This advanced system integrates digital printing, slotting, slitting, creasing, vibrating knife cutting, and glue spraying into a single compact machine. To further enhance automation, the BM2800-Ultra corrugated box maker digital printer can be equipped with an automatic feeding system and an automatic box collecting system, enabling a fully automated workflow from corrugated board input to finished box output. Designed for maximum flexibility, the machine requires no molds and no highly skilled operators. Its intelligent system automatically adjusts module positions based on box size and design, significantly reducing labor costs while improving production efficiency.

As a result, the BM2800-Ultra is a world-leading solution for handling short-run, on-demand, multi-size, and multi-style corrugated box orders, making it ideal for modern packaging businesses seeking flexibility and speed.

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