AOPACK
Box making machine

Watch Videos

Box Making Machine

Single Pass – Short Run – On Demand

BM2800-Ultra



1 BM2800-Ultra = 1 SLITTER + 1 SLOTTER + 1 GLUER + 1 PLOTTER + 1 PRINTER

- 1-6s Changeover Time
- E to AAA Flute
- Irregular Shapes Cutting
- 150+ Box Styles
- Single-pass Digital Printing

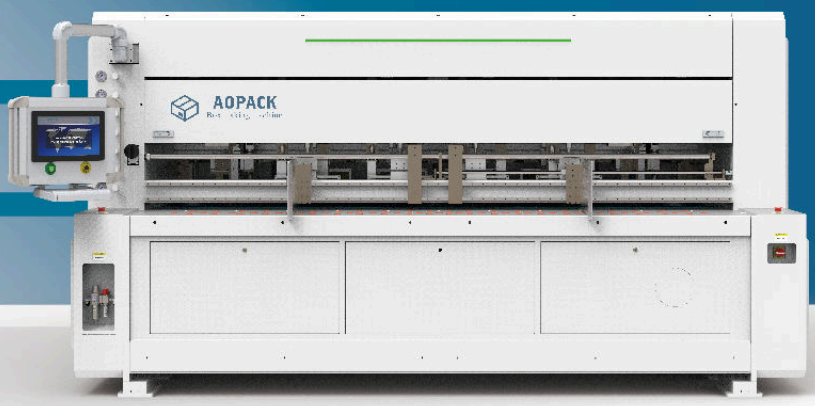
AOPACK LTD.

www.aopackmachine.com

AOPACK
Box making machine

BM2800-Ultra Aopack box making machine

- E to AAA Flute Corrugated Cardboard
- Max. 2800mm cardboard width * Unlimited Length
- Industrial Single-pass digital printing
- Male-female Double Sided Creasing



1200+ AOPACK Machine Installed in 60+ Countries

- *Cardboard thickness 2mm to 16mm. Up to 2400g/sqm*
- *Vibrating knife cutting slash, curve, irregular shapes, perforation*
- *Glue flap crush & Inconsistent creasing available*

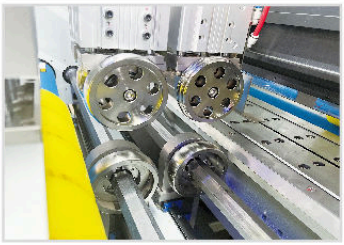


BM2800-ULTRA FEATURES



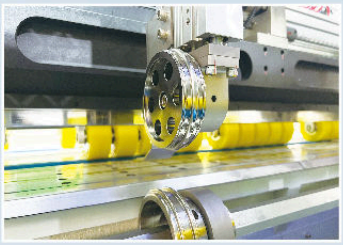
Board Feeding

2800mm super large vacuum suction feeding area, Automatic feeding



Pre-creasing/Creasing

Pre-creasing avoids burst, 2 rows of creasing, Min. Distance 1mm



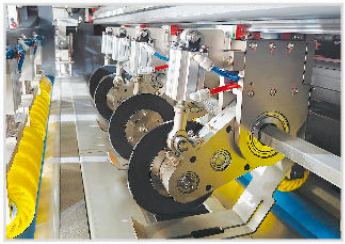
Vertical Creasing

Male-female double sided creasing, inconsistent creasing



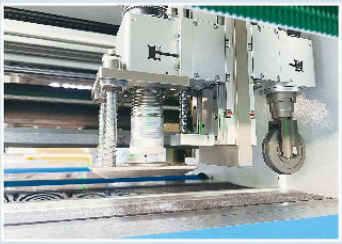
Slotting Knife

Max. Slotting length: 3 times length of slotting knife



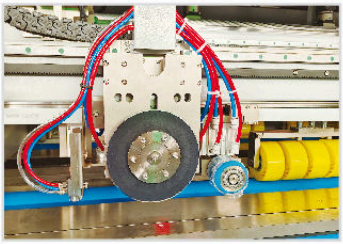
Vertical Slitting

Tungsten steel slitting knives driven by independent motors



Vibrating Knife Cutting / Creasing

Cut and crease irregular shapes without molds



Horizontal Cutting / Gluing

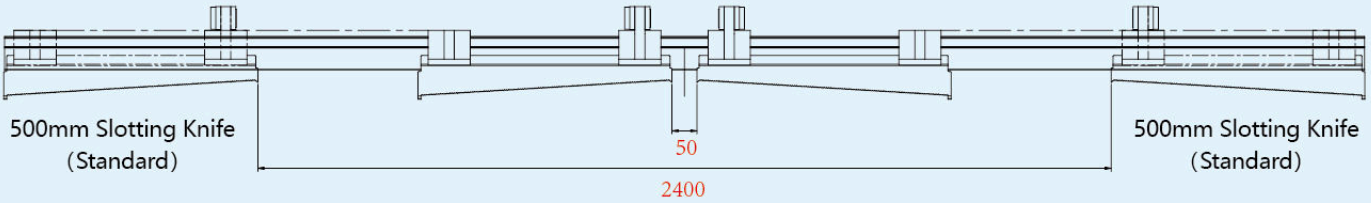
Glue flap crushing function Integrated design



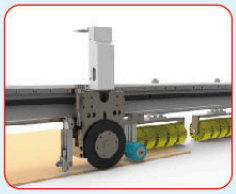
Digital Printing

Single-Pass Digital Printing; Single Color; Epson print head

ONE STOP SOLUTION



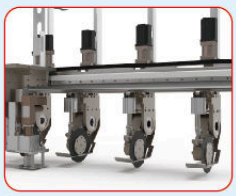
With optional 250mm slotting knife, the max. scoring length (box height) is 2800mm



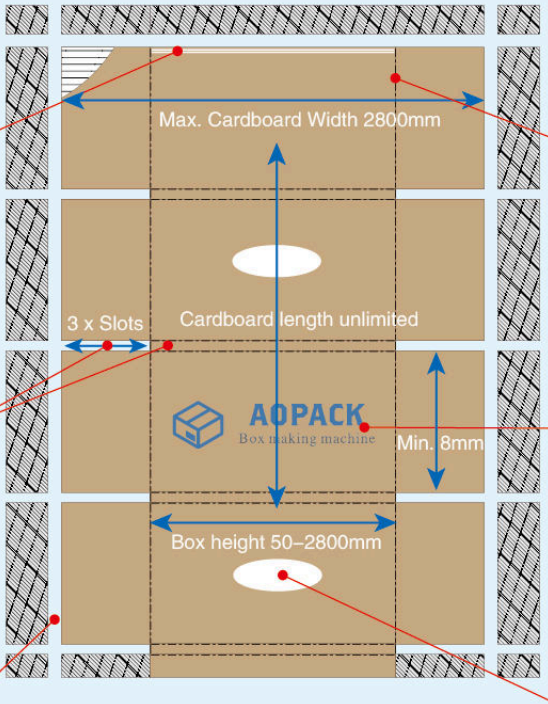
Inline Gluing



Slotting / Scoring



Vertical Slitting





Pre-creasing / Creasing

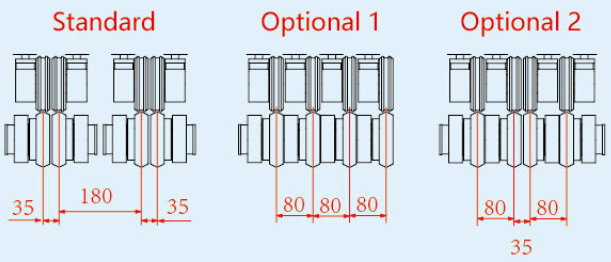


Digital Printing

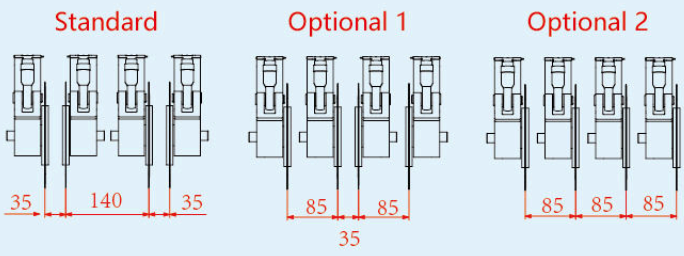


Vibrating Knife
Cutting/Creasing

PRE-CREASING / CREASING INSTALLATION OPTION

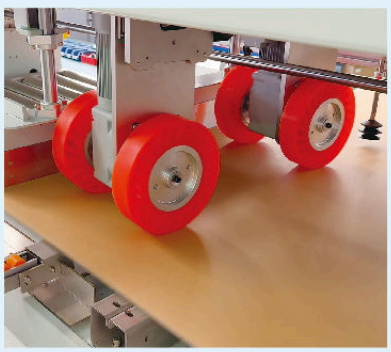


SLITTING KNIVES INSTALLATION OPTION



AUTO FEEDING & BOX COLLECTING SYSTEM (OPTIONAL)

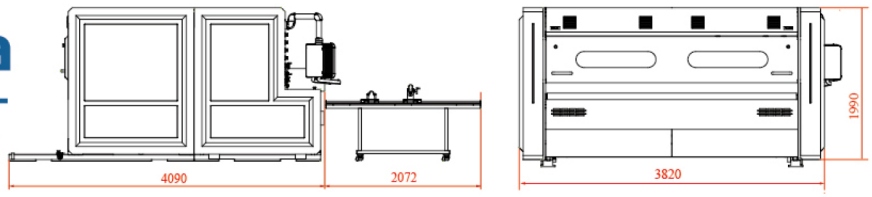








BM2800-Ultra
MACHINE LAYOUT



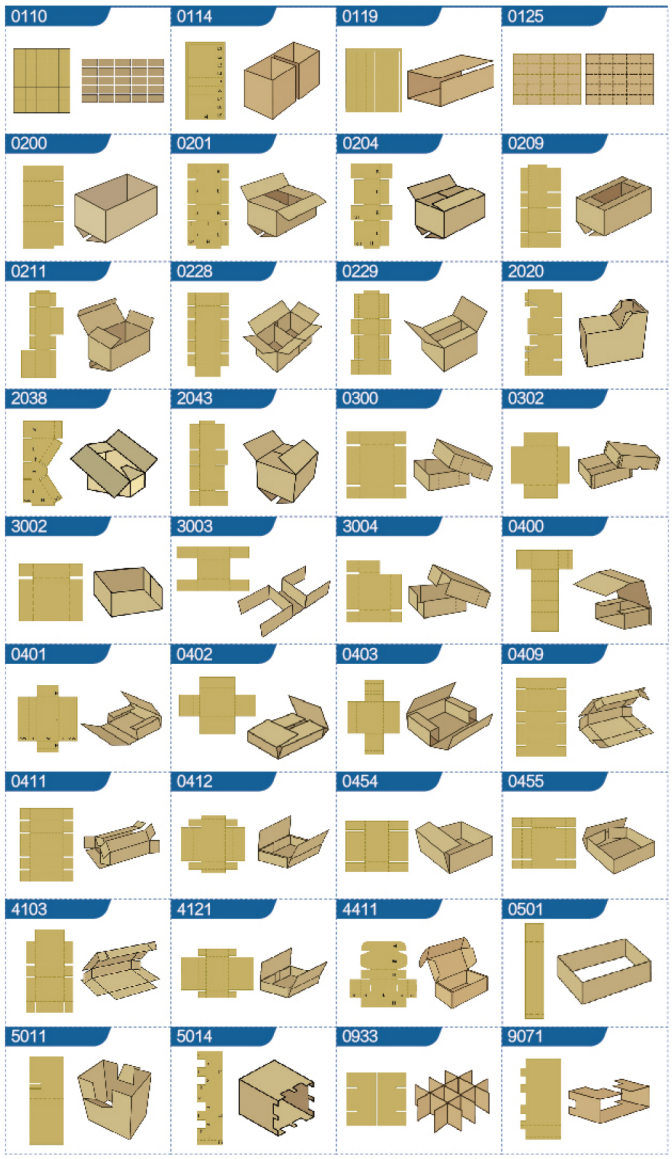
Technical Data

Cardboard	Cardboard Type	Single / Double / Triple Wall (AAA Cardboard)
	Thickness	2~16（30） mm
	Weight	⩽2400g/m²
	Min. Size	300×900mm
	Max. Size	2800mm× Unlimited Length
Finished Box	Min. Box Height (Min. scoring length)	50mm
	Max. Box Height (Max. scoring length)	2400mm
	Thinnest Box (Min. Creasing Distance)	35mm
Creasing	Pre-creasing Wheel	4
	Creasing Wheel	4
	Double Sided Creasing	√
	Creasing Distance	35/180mm
Vertical Slitting	Vertical Slitting Knife	4
	Slitting Distance	35/140mm
Horizontal Cutting	Cutting Knife	1
	Gluing Function	√
	Glue Flap Crushing	√
Slotting	Slotting Knife	2
	Slotting Knife Length	500mm
Vibrating Knife	Vibrating Knife Qty	2
	Creasing Wheel for Vibrating Knife	Optional
Machine	Power	380V±10%,Max20kW,50/60Hz
	Compressed Air	100L/min
	Box Styles	150+
	Size	3820(L)*4090(W)*1990mm(H)
	Weight	8720kg

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. Requirments)	i7 12th processor, 16GB memory, 512GB solid-state drive	
Working Environment	Temperature 15-25°C, humidity:35%-65%	

Basic Box Styles



More Box Types Available:
111,112,113,115,117,118,202,203,205, 206,208,212,230,299,301,402,410,413, 420,454,455,499,502,503,907, etc...

150+ Box Types Pre-programmed

- *Free Style System Design your own box types*
- *CAD File Add dxf/dwg file to the machine*

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Box making machine

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