



AOPACK
Box making machine



Watch Videos

Box Making Machine

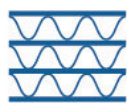
Single Pass - Short Run - On Demand



1 AOPACK MACHINE = 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

KTA-YHTIÖT OY

COMPANY PROFILE

Aopack is a professional automatic box making machine manufacturer, specializing in scattered orders, and low to medium volume box production solutions. Since **2014**, we have developed many fully automatic slotting slitting creasing all in one compact box making machines, like BM1800-Mini, BM2508-Pro, BM2800-Max, BM2800-Ultra, BM3000-Pro, BM3000-HD, FF2800. In the past **10 years**, we have invested over **4 million dollars** in R&D, Aopack factory covers an area of about **10,000 square meters** and now has an annual output of more than **400 units** of box makers.

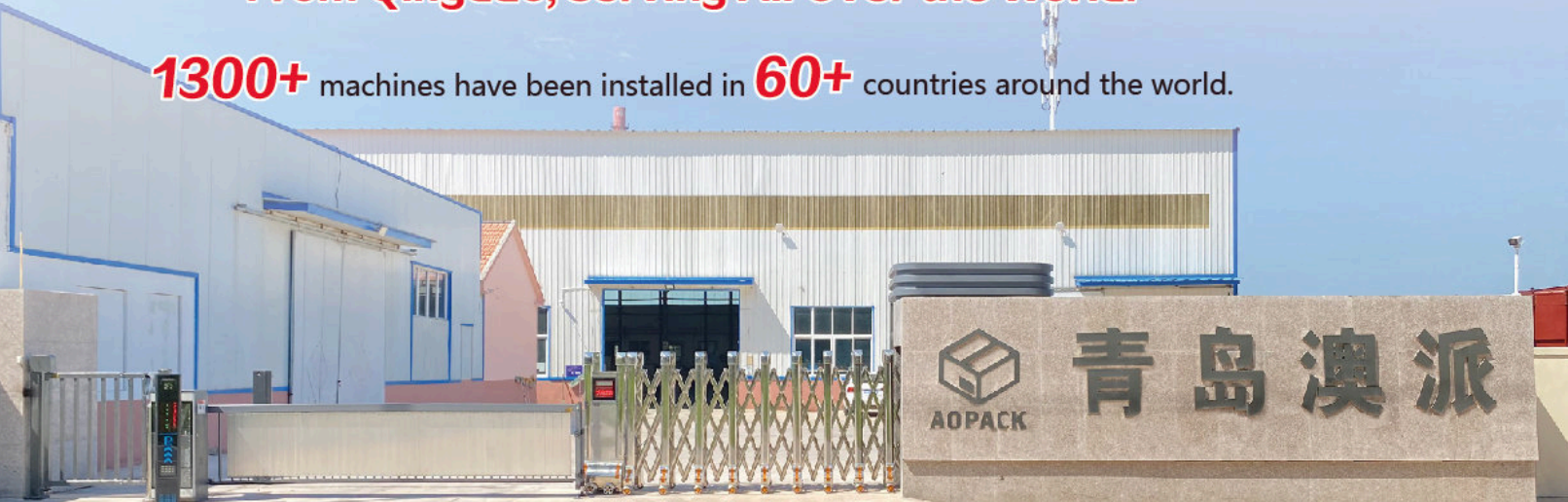
Aopack automatic box making machine can process 150+ box styles, Board feeding, slotting, scoring, creasing, slitting, trimming, handle die-cutting, gluing, printing, processed in one go, saving time and effort. Our machine has passed the European CE certification and obtained multiple invention patents and utility model patents. Aopack provides packaging solutions throughout the world. **1300+** machines have been installed in **60+** countries around the world, like China, Japan, the UK, America, Germany, Switzerland, Italy, Spain, Russia, Australia, and so on. Both machine performance and service have received tons of excellent reviews from our partners and customers.

• GLOBAL INSTALLATION •

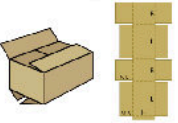
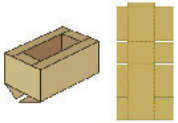
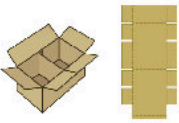
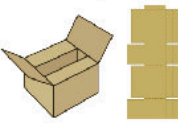
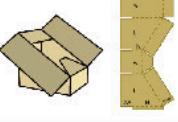
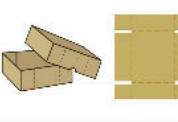
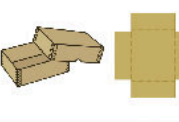
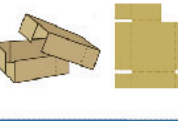
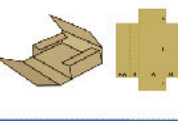
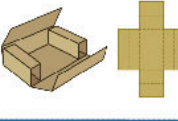
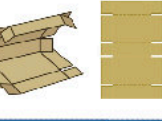
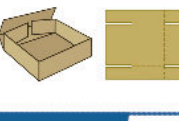
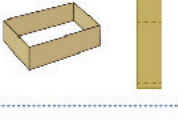
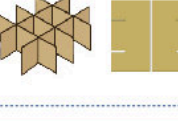
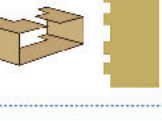


From Qingdao, serving All Over the World.

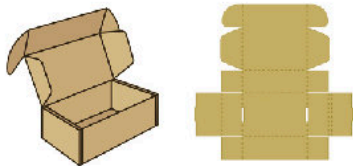
1300+ machines have been installed in **60+** countries around the world.



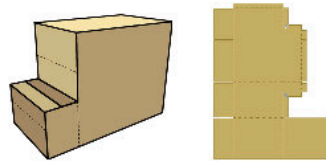
BASIC BOX STYLES

0110 	0114 	0119 	0125 	0200 	0201 
0204 	0209 	0211 	0228 	0229 	2020 
2038 	2043 	0300 	0302 	3002 	3003 
3004 	0400 	0401 	0402 	0403 	0409 
0411 	0412 	0454 	0455 	4103 	4121 
4411 	0501 	5011 	5014 	0933 	9071 

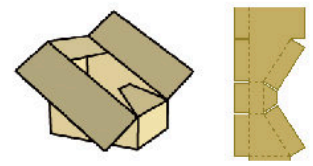
Fefco 0427 Self Locking Mailer Box



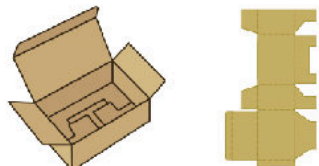
#2019 Toilet Pack Box



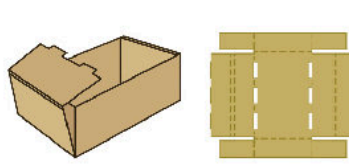
#2038 Trapezoidal Shelf Box



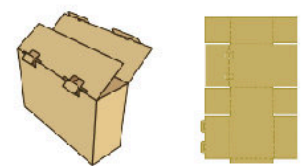
Fefco 0215 Snap Lock Bottom Box



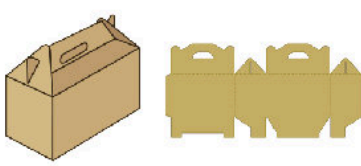
Fefco 0422 Self Locking Lid and Base Box



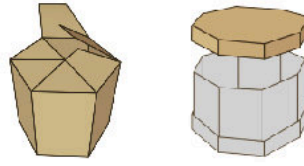
#2155 Self Locking Full Overlap Box



FEFCO 0217 Carry Handle Box



Octagonal pallet box



Perforation Cutting



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

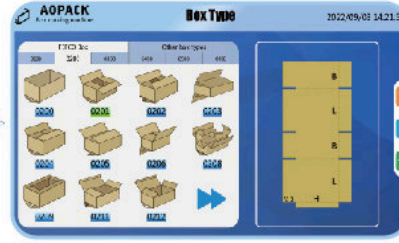
• **CAD File Add dxf/dwg**
file to the machine

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

BOX MAKING PROCESS



Get the machine ready and powered on.



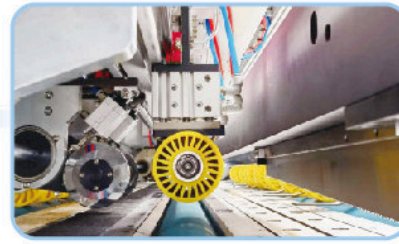
Input production data.



All the units set automatically.



Different boxes.

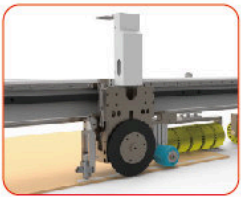


All the processes completed in one machine.

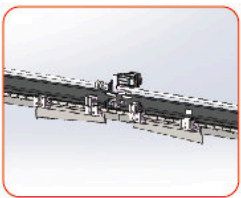


Load cardboard.

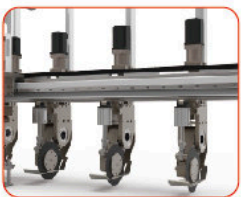
ONE STOP SOLUTION



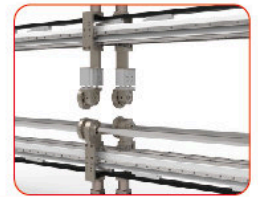
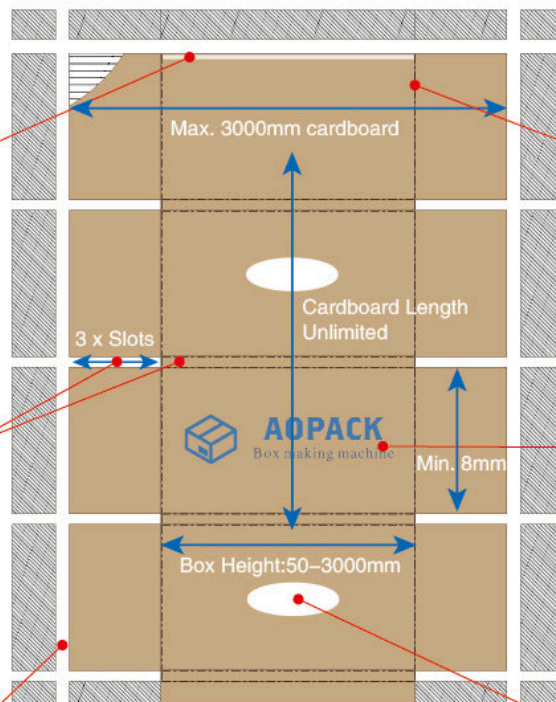
Inline Gluing (Optional)



Horizontal Slotting And Scoring



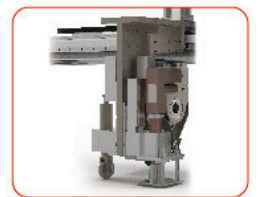
Vertical Slitting



Vertical Creasing



Digital Printing (Optional)



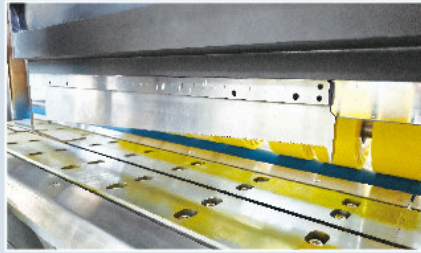
Vibrating Knife Cutting (Optional)

MAJOR FUNCTIONS

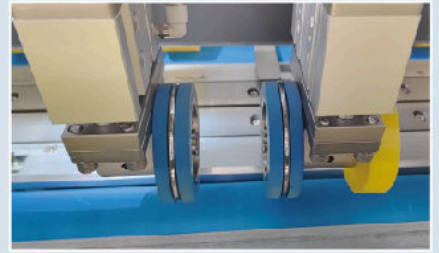
· Cardboard Feeding ·



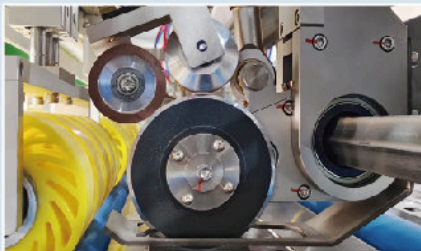
· Horizontal Slotting & Scoring ·



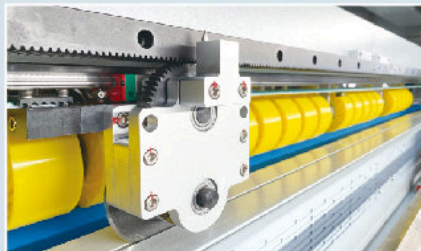
· Vertical Creasing ·



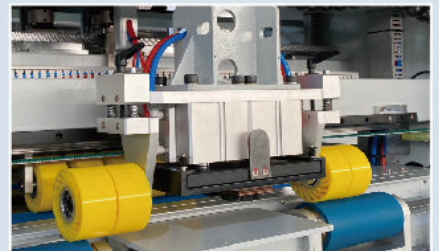
· Vertical Slitting ·



· Horizontal Cutting ·



· Handle Die Cutting System ·



OPTIONAL FUNCTION

Vibrating Knife

- Available to cut and crease round, rectangles, slashes, curves, and other irregular shapes. No mold needed.



Auto Feeding & Box Collecting

- Cardboard Lift Platform / Vacuum Cup Feeder / Automatic Edge Guiding / Vibration Separates the Cardboard / Automatic Box Collecting / Automatic Palletizing



Inline Gluing

- Auto application in precise location, high efficiency and versatility, no need additional gluing machine.



Flexo Printing

- Single color flexo printing, Max. printing area 500*300mm(L*W).



Order Management System

- The fastest changeover time is about 1s, It can be directly interfaced with ERP systems to automate production tasks.



Free Style System

- Free creation available, with unlimited box styles.



AOPACK BOX MAKING MACHINE

BM2800-Ultra



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

TECHNICAL DATA

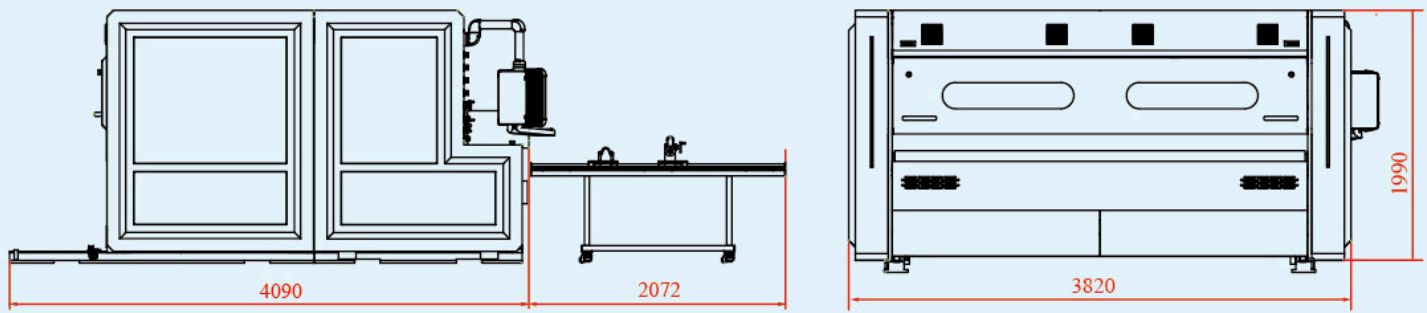
Cardboard	Cardboard Type	Single/Double/Triple Wall (AAA Heavy Duty Cardboard)	Creasing	Pre-creasing Wheel	4
	Thickness	2-16mm		Creasing Wheel	4
	Weight	≤2400g/m ²		Double Sided Creasing	√
	Min. Size	300×900mm		Creasing Distance	35/180mm
Finished Box	Max. Size	2800mm× Unlimited Length	Vertical Slitting	Vertical Slitting Knife	4
	Min. Box Height (Min. scoring length)	50mm		Slitting Distance	35/140mm
	Max. Box Height (Max. Scoring length)	2400mm		Cutting Knife	1
	Thinnest Box (Min. Creasing Distance)	35mm		Gluing Function	√
Machine	Power	380V±10%,Max20kW,50/60Hz	Horizontal Cutting	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 Qty	2
	Weight	8720kg		Creasing Wheel for Vibrating Knife	Optional

Digital Printing Technical Data

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

The above parameters are for reference only.And the final right of interpretation belongs to Aopack Ltd.

MACHINE LAYOUT



MAJOR FUNCTIONS



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



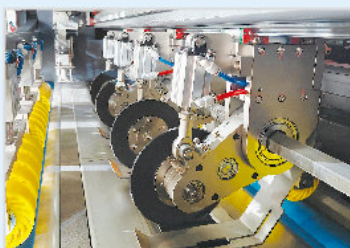
Vertical Creasing

Male-female double sided creasing, inconsistent creasing



Slotting Knife

Max. Slotting length: 3 times length of slotting knife



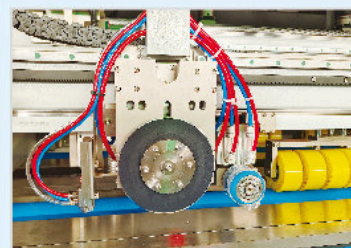
Vertical Slitting

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

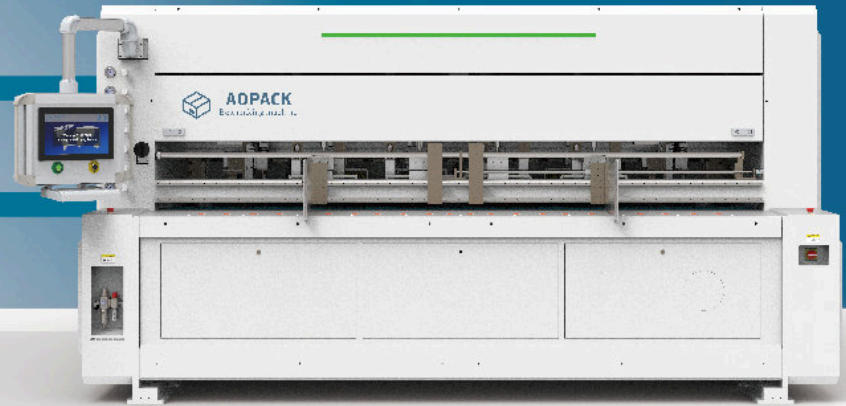
BM2800-Ultra Aopack box making machine

E to AAA Flute Corrugated Cardboard

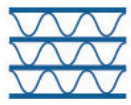
Max. 2800mm cardboard width * Unlimited Length

Industrial Single-pass digital printing

Male-female Double Sided Creasing



1-6s
Changeover Time



E to AAA
Flute



Irregular
Shapes Cutting



150+ Box
Styles

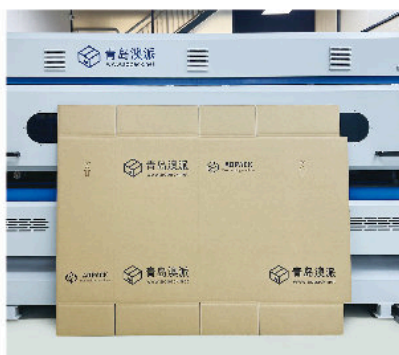


Single-pass
Digital Printing

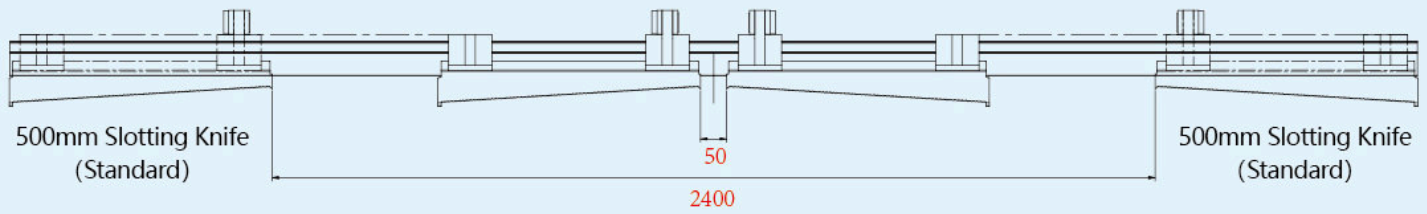
- Cardboard thickness 2mm to 16mm. Up to 2400g/sqm
- Vibrating knife cutting slash, curve, irregular shapes, perforation
- Glue flap crush & Inconsistent creasing available



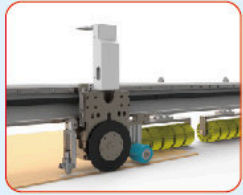
FINISHED BOX DISPLAY



ONE STOP SOLUTION



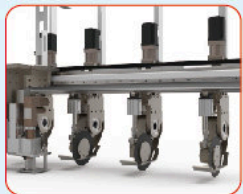
• With optional 250mm slotting knife, the max. scoring length (box height) is 2800mm



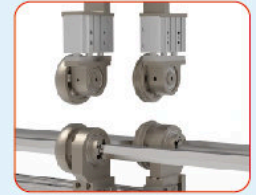
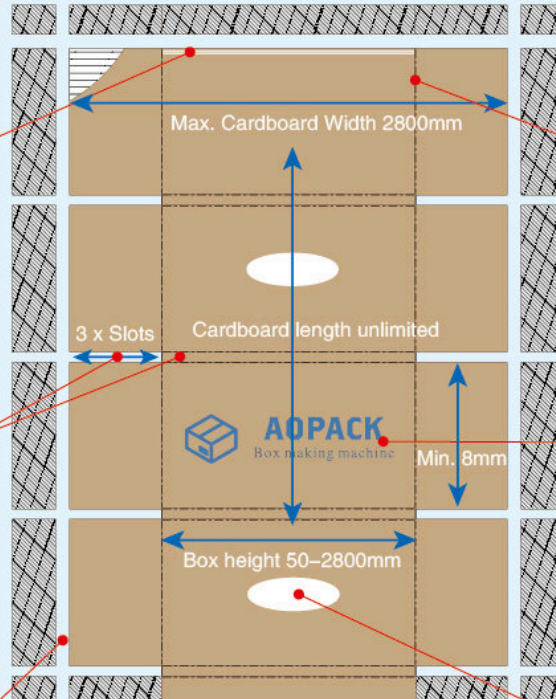
Inline Gluing



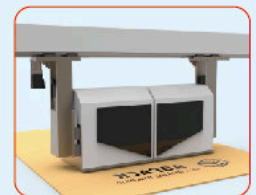
Slotting / Scoring



Vertical Slitting



Pre-creasing / Creasing

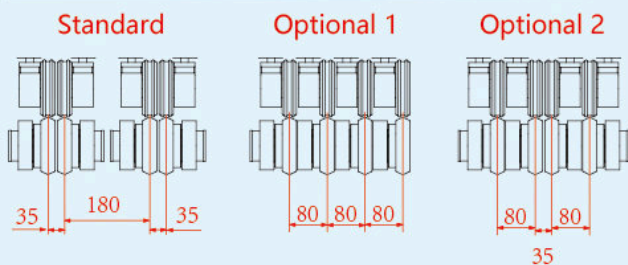


Digital Printing

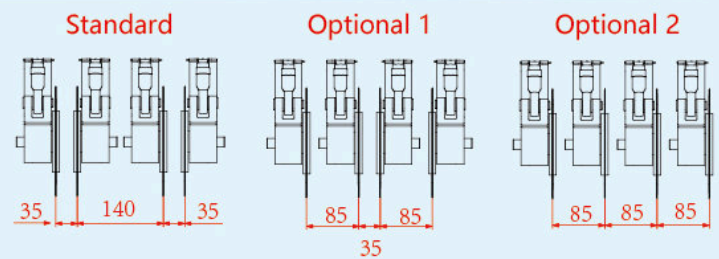


Vibrating Knife Cutting/Creasing

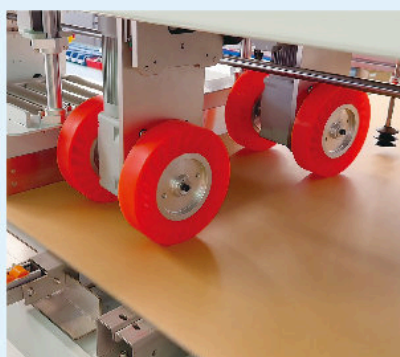
PRE-CREASING / CREASING INSTALLATION OPTION



SLITTING KNIVES INSTALLATION OPTION



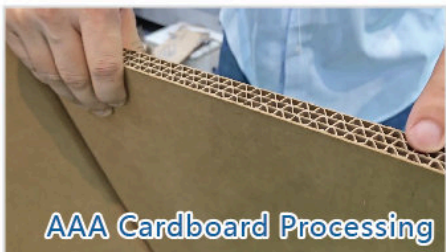
AUTO FEEDING & BOX COLLECTING SYSTEM (OPTIONAL)



Aopack Heavy Duty Box Maker BM3000-HD



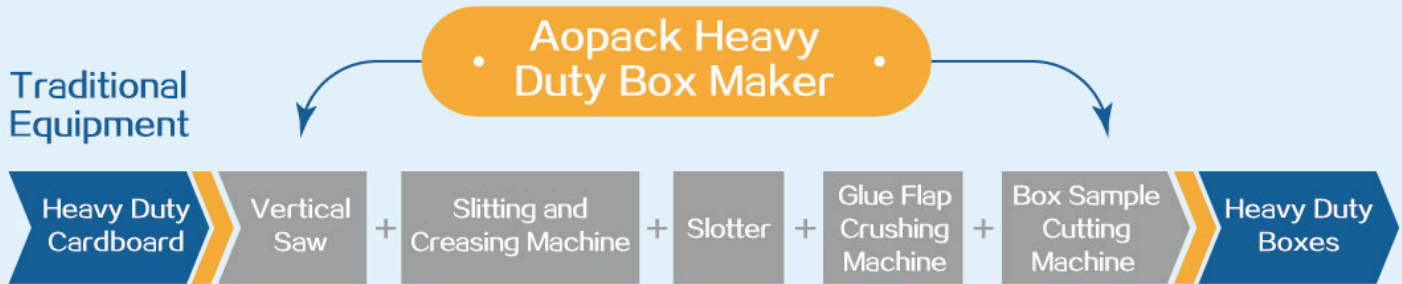
FINISHED CARTON DISPLAY



MACHINE HIGHLIGHTS

- | | | |
|-------------------------------------|---|--|
| 01 Sheets from E flute to AAA flute | 02 Sheets thickness from 2mm to 16mm, up to 2400g/sqm | 03 Sheets width from 300mm to 3000mm |
| 04 Slotting width from 7mm to 21mm | 05 Glue flap crush function | 06 Max. Scoring length (box height) 3000mm |
| 07 Inconsistent creasing available | 08 Over 150 box styles pre-programmed | 09 Vibrating knife cutting slash, curve |

PROCESSING COMPARISON



TECHNICAL SPECIFICATIONS

Cardboard	Cardboard Type	Single/Double/Triple Wall (AAA Heavy Duty Cardboard)	Vibrating Knife	Vibrating Knife Qty	2
	Cardboard Thickness	2-16mm	Glue Flap Crushing		√
	Cardboard Weight	≤2400g/m ²	Gluing Functiong		√
	Min. Board Size	300mm(W)*660mm(L)	Order Management System		√
	Max. Board Size	3000mm(W)*Unlimited Length	Free Style System		√
Finished Box	Min. Box Height (Min. Slotting Distance)	50mm	Machine	Power	380V±10%, Max15kW, 50/60Hz
	Max. Box Height (Max. Slotting Distance)	2500mm		Compress Air	100L/min
	Thinnest Box (Min. Creasing Distance)	35mm		Box Types	150+
Creasing	Pre-creasing wheel	2+2	Optional Function	Size	2188(L)*3920(W) *2010mm(H)
	Creasing Wheel	4		Weight	6038kg
	Double Sided Creasing	√		Creasing tools for vibrating knife	Max. 2 sets
	Creasing Distance	35/180mm		Inline Flexo Printing	Max. 2 sets 500*300mm(L*W)
Vertical Slitting	Vertical Slitting Knife	4	Optional Function	Auto Feeding & Box Collecting	√
	Slitting Distance	40/120mm		Separate Hot Melt Gluing Machine	√
Horizontal Cutting	Cutting Knife	1		Separate Knife Sharpening Machine	√
Slotting	Slotting Knife	2		3D Scanning Table	√
	Slotting Knife Length	500mm			

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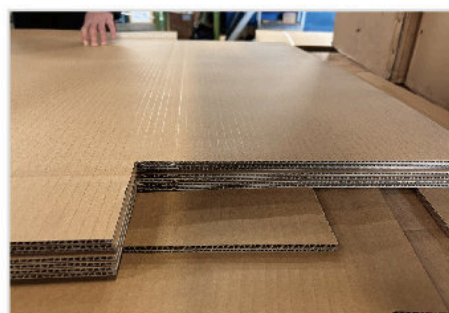
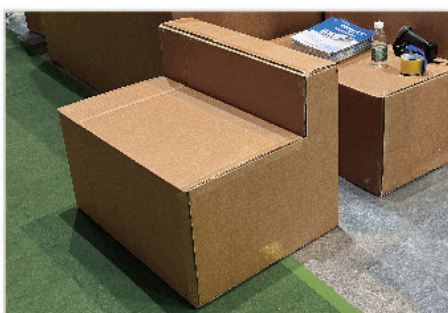
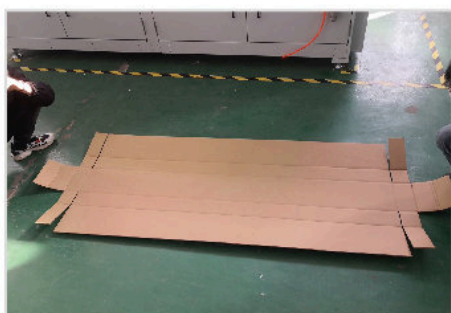
AOPACK BOX MAKING MACHINE BM2508-Pro



1 Aopack Machine = 4 Machines

1 AOPACK MACHINE = 1 SLITTER + 1 SLOTTER + 1 GLUER + 1 PLOTTER, ALL IN ONE COMPACT MACHINE

FINISHED CARTON DISPLAY



Board Feeding, Slotting, Scoring, Creasing, Slitting, Trimming, Handle Die-Cutting, Gluing, Printing, All In One Compact Machine.

MACHINE HIGHLIGHTS

01 Easy operation, Saving labor cost

02 Multifunctional machine, Simplify production process

03 Oversized carton processed in one go

04 Economical&Convenient, No mold needed

05 Low energy consumption

06 Customized packaging, reduce waste

07 Quick installation and commissioning

08 Cardboard feeding, Size precise and stable

09 Excellent cutting performance without any burrs

10 Professional service team

TECHNICAL SPECIFICATIONS

Cardboard Type	Single/Double wall	Creasing Wheel	4
Cardboard Thickness	2-12mm	Crossing Cutting Knife	1
Cardboard Weight	$\leq 1200\text{g/m}^2$	Power	380V $\pm$ 10%, Max 8kW, 50/60Hz
Max. Board Size	2500mm (W) * Unlimit Length	Air Pressure	0.6-0.7Mpa, 75L/min
Min. Board Size	200(W) * 650mm (L)	Machine Size	3610(W) * 2050(L)* 2090*(H)mm
Production Capacity	Appr.500-800pcs/h.Depends on Size and Box Style.	Machine Weight	Appr. 3400kg
Slotting Knife	2pc * 500mm (Length)	Handle Hole on box sides	150mm(L)*200mm(W)
Slitting Knife	4 (with knife sharpening function)	Box Styles	150+

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AOPACK BOX MAKING MACHINE BM2800-Max



All in one compact box making machine

Double-sided Creasing + Irregular Shape Cutting + Oversized Large Box

Machine Highlights

01

Male & Female Double-sided Creasing

Carton flaps Inward and outward folding without burst.

02

Oversized Large Box

RSC box maximum height is 2500mm; Max. cardboard width 2800mm and unlimited length.

03

Quick Changeover Time

Independent motor control, appr. 1-6s quick changeover time.

04

Vibration Knife Cutting (Optional)

Import CAD file, vibrating knife cutting Irregular shape, No mold needed.

05

Multifunctional Machine

Inconsistent creasing, customized box style, commercial pads slitting.

06

Easy for Short Run Boxes Production

Slotting, Slitting, Creasing, Trimming, Vibrating Knife Cutting (Optional), Gluing (Optional).

07

No Experienced Workers Required

Quick installation & commissioning; 100+ box styles, can be directly interfaced with ERP system.

FINISHED CARTON DISPLAY

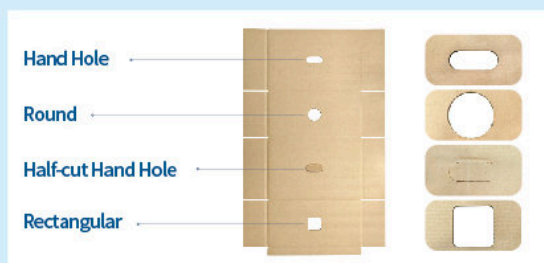
Male-Female Double Sided Creasing



Vibrating Knife Cutting Hinged Lid Box



Vibrating Knife Cutting Hand Hole



Inconsistent Creasing



TECHNICAL SPECIFICATIONS

Cardboard	Min. Size	260 * 680mm	Machine Efficiency	Production Capacity	Appr. 8~15pcs/min
	Max. Size	2800mm * Unlimited Length		Order Changeover Time	Appr. 1 ~ 6s
	Cardboard Thickness	2~10mm		Vertical Slitting Knife Qty	6
	Cardboard Weight	≤ 1200g/m ²		Creasing Wheel Qty	6
Finished Box	Min. Slitting Size	60mm x 50mm	Slitting/Creasing	Min. Slitting Distance	25mm
	Min. Box Size	50mm(W)*50mm(L)*110mm(H)		Min. Creasing Distance	25mm
	Min. Creasing Distance (Thinnest Box)	25mm		Inconsistent Creasing	Available
	Min. Box Height (Min. Slotting Distance)	110mm	Special Creasing	Male & Female Creasing	Available
	Max. Box Height (Max. Slotting Distance)	2500mm		Vibrating Knife	Optional
	Max. Box Length	Unlimited	Machine Data	Weight	Appr. 3200kg
Slotting	Slotting Knife Size	2 * 500mm		Automatic Board Feeding	Leading edge feeding
	Slotting Knife Thickness	7mm		Air Consumption	75L/min
	Slotting Length	20 ~ 1000mm		Power	Appr. 8kW
Machine Size	3760(W)*1700(L)*2030(H)mm				

The above parameters are for reference only. The final right of interpretation belongs to Aopack Ltd.

AOPACK MINI BOX MAKING MACHINE BM1800-Mini



MACHINE HIGHLIGHTS

- 01** Independent motor control, appr. 1-6s quick changeover time.
- 02** Compact design, save more space.
- 03** Max. 1800mm cardboard width with unlimited length.
- 04** Customized box styles, inconsistent creasing, all in one pass.

TECHNICAL SPECIFICATIONS

Cardboard Type	Single/Double wall	Vertical Creasing	Creasing wheel quantity	6
Cardboard Thickness	2-10mm		Minimum Distance	25mm (Or 20mm)
Cardboard Weight	≤1400g/m ²		Inconsistent Creasing	√
Max. Board Size	1800mm(W) * Unlimited Length	Vertical Slitting	Slitting knife Quantity	6
Min. Board Size	140mm(W) * 600mm(L)		Minimum Slitting	25mm (Or 20mm)
Change From Order to Order	Appr. 1-6s	Cross Cutting	Cutting Knife Quantity	1
Power	380V±10%, Max 7kW			
Dimension	Appr. 2500mm(W)*1500mm (L)*2030mm(H)	Machine Weight	Appr.1848kg	

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MAJOR FUNCTIONS

Cardboard Feeding



Horizontal Slotting & Scoring



Vertical Creasing



Vertical Slitting



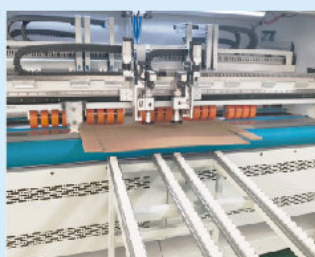
Horizontal Cutting



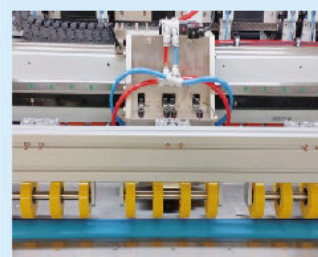
Inline Gluing (optional)



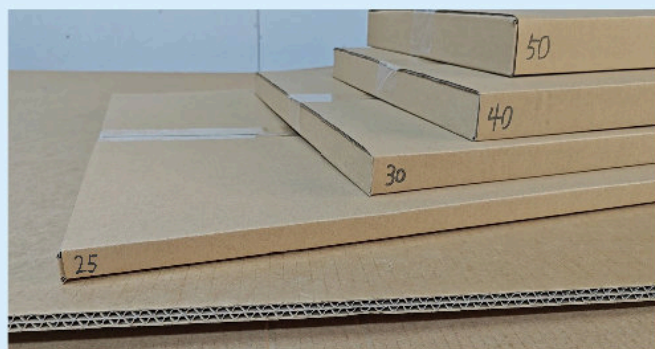
Vibrating Knife Cutting (Option)



Handle Die-cutting (Option)



FINISHED CARTON DISPLAY



Thinnest Box 25mm



Min. Box Size: 50*50*100mm



Inconsistent Creasing



Cardboard Thickness: 2-10mm

FANFOLD CARDBOARD BOX MAKING MACHINE FF2800



On Demand Packaging

On Time Packaging, Size on demand, Quantity on demand

APPLICATION



TECHNICAL SPECIFICATIONS

Cardboard Type	Single wall/Double wall (Only Fanfold)	Cross Cutting Knife	1
Cardboard Thickness	1.5-10mm	Power Supply	380V±10%, Max 5.5kW, 50/60Hz
Cardboard Weight	≤1350g/m ²	Air Pressure	0.6-0.7Mpa, 70L/min
Max. Board Size	2800mm(W) * Unlimited Length	Dimension	3700(W)* 1200(L)* 2030(H)mm
Min. Board Size	500mm(W) * 650mm(L)	Machine Weight	Appr. 4000kg
Vertical Slitting Knife	6	Box Styles	50+
Vertical Creasing Wheel	6	Change From Order to Order	1-6s

The above parameters are for reference only. And the final right of interpretation belongs to Aopack Ltd.

FF2800: Provide one-stop packaging solutions for customized products.



FINISHED CARTON DISPLAY



Lower shipping costs



Boost productivity



Enhance protection



Environmentally friendly



Optimize warehousing



Reduce labor and more efficiency



Improve customer satisfaction

TECHNICAL SPECIFICATIONS

Model		BM1800-Mini	BM2508-Pro	BM3000-HD
Cardboard Type		Single wall/Double wall	Single wall/Double wall	Single/Double/ Triple wall (AAA Heavy Duty Cardboard)
Cardboard Thickness		2-10mm	2-12mm	2-16mm
Cardboard Weight		1400g/m ²	1200g/m ²	2400g/m ²
Max. Board Size		1800mm(W) * Unlimited Length	2500mm(W) * Unlimited Length	3000mm(W) * Unlimited Length
Min. Board Size		140mm(W) * 600mm(L)	200mm(W) * 650mm(L)	300mm(W) * 660mm(L)
Pre-Creasing Wheel		×	×	2+2
Vertical Creasing	Quantity	6	4	4
	Min. Distance	25mm (Or 20mm)	30mm	35mm
	Double-sided Creasing	×	×	√
	Inconsistent Creasing	√	√	√
Vertical Slitting	Quantity	6	4	4
	Min. Distance	25mm (Or 20mm)	40mm	40mm
	Knife Sharpening Function	×	√	×
Cross Cutting	Quantity	1	1	1
	Up and Down	×	×	√
	Glue Flap Crush	×	Optional	√
Independent Motor Control, Quick Changeover Time		√	√	√
Touchscreen		Leadshine	Flexem	Delta
Power		380V±10%, Max 7kW	380V±10%, Max 8kW	380V±10%, Max15kW
Machine Size		2500(W) * 1500(L) * 2030 (H)mm	3610(W) * 2050(L) * 2090 (H)mm	3920(W)*2188(L)*2010 (H)mm
Machine Weight		Appr. 1848kg	Appr. 3400kg	Appr. 6038kg

KTA-Yhtiöt Oy

Kutojantie 6-8, FIN-02630 ESPOO.

(09) 759 071 / tilaus@kta.fi / www.kta.fi