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

AOPACK LTD.

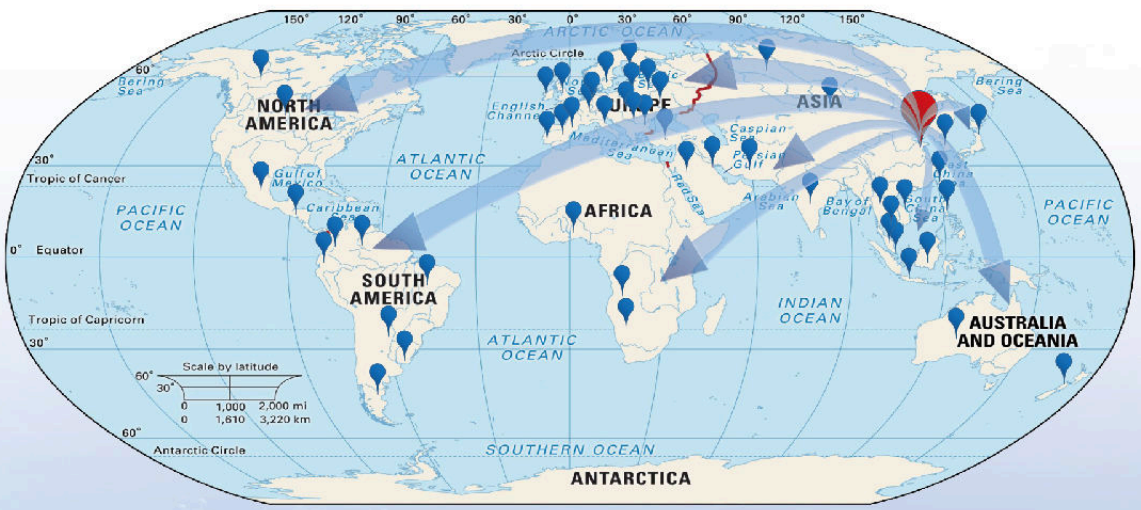
www.aopackmachine.com

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.

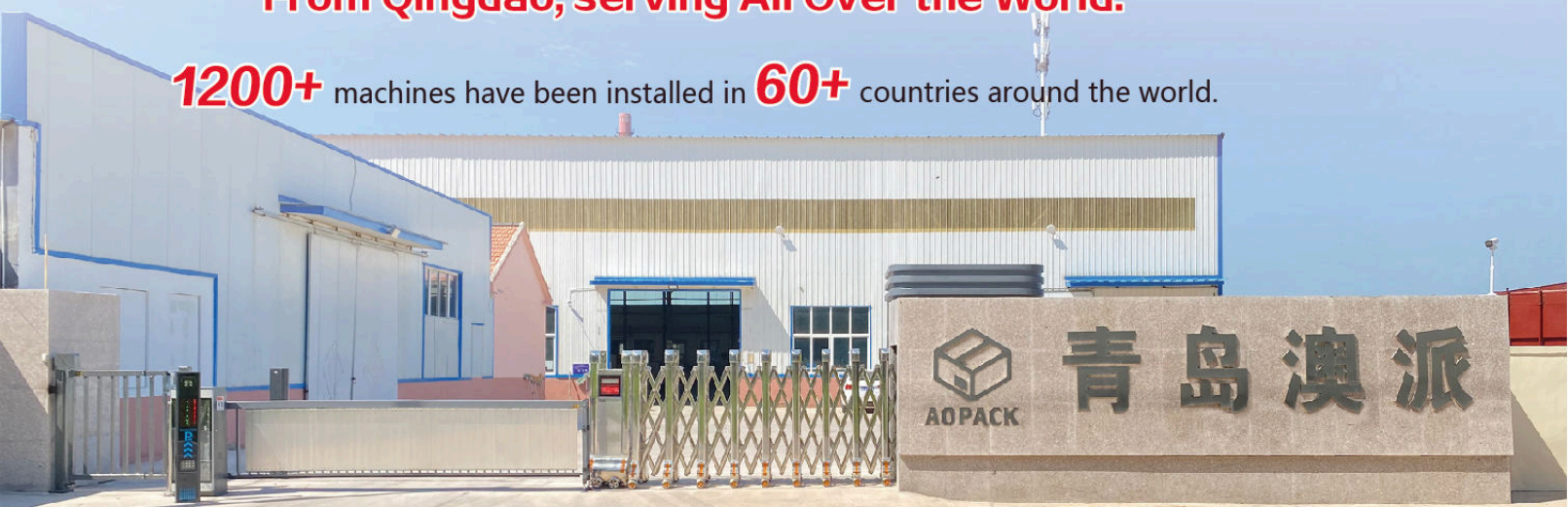
Aopack automatic box making machine can process 150+ box styles, Board feeding, slotting, scoring, creasing, slitting, trimming, handle die-cutting, gluing, printing, processed in one go, saving time and effort. Our machine has passed the European CE certification and obtained multiple invention patents and utility model patents. Aopack provides packaging solutions throughout the world. **1200+** 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 ·



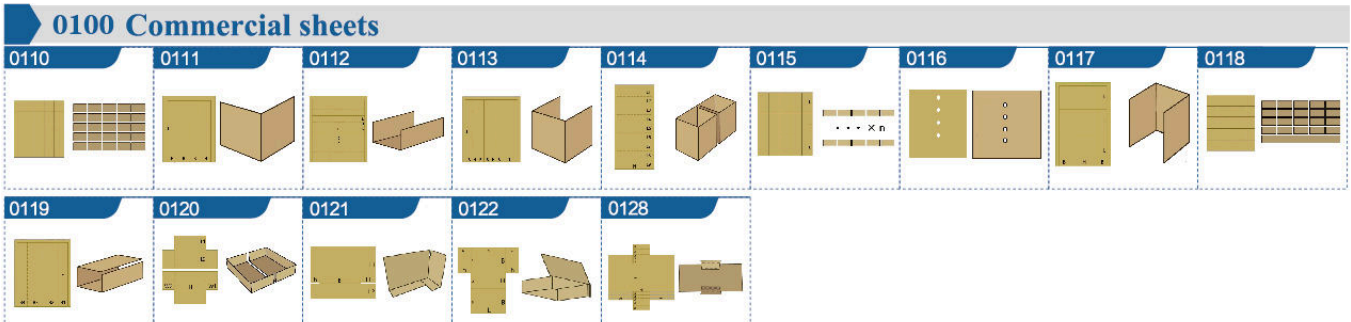
From Qingdao, serving All Over the World.

1200+ machines have been installed in **60+** countries around the world.

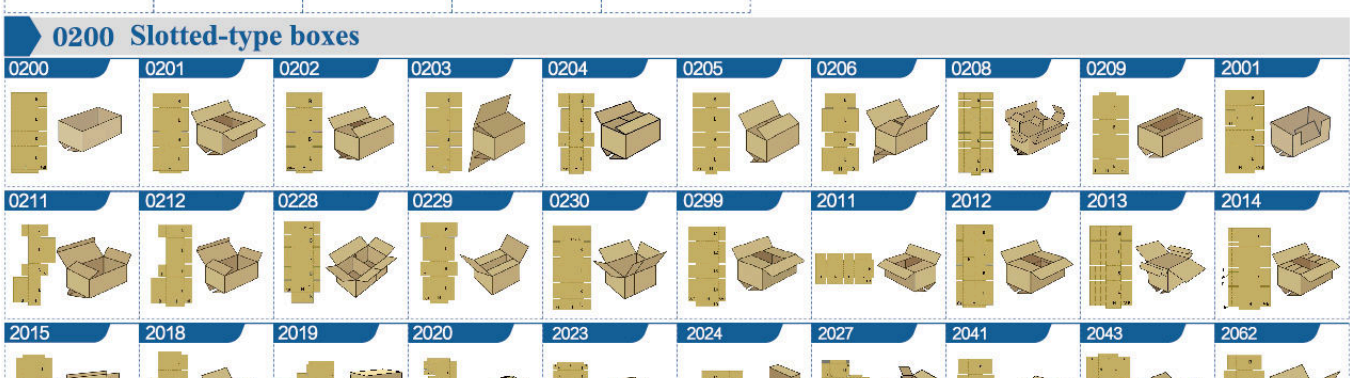


BASIC BOX STYLES

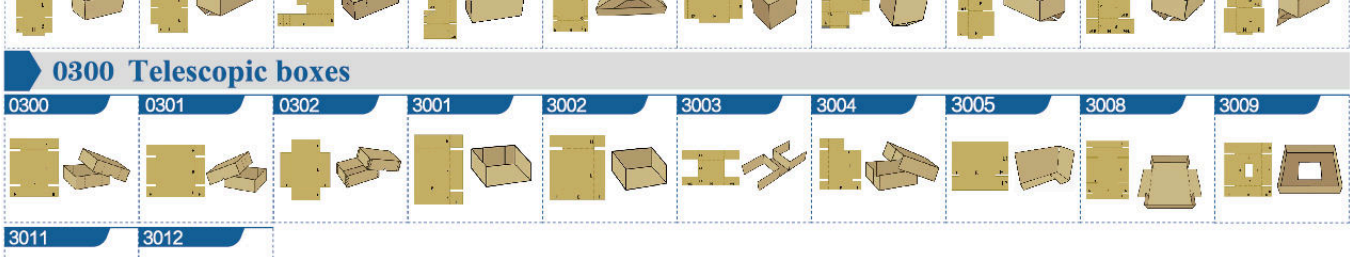
0100 Commercial sheets



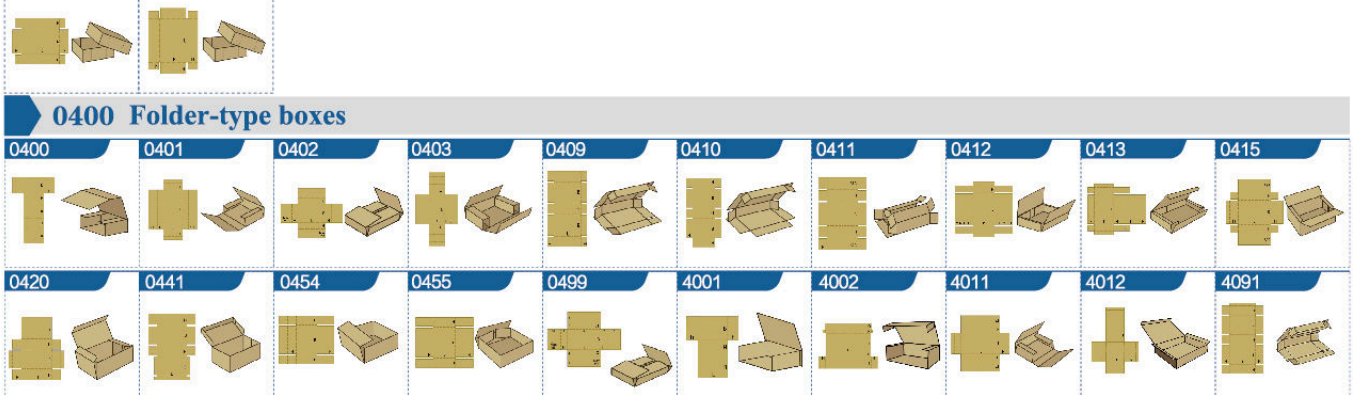
0200 Slotted-type boxes



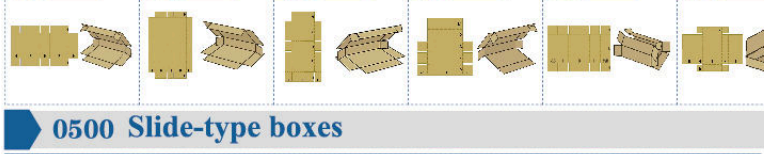
0300 Telescopic boxes



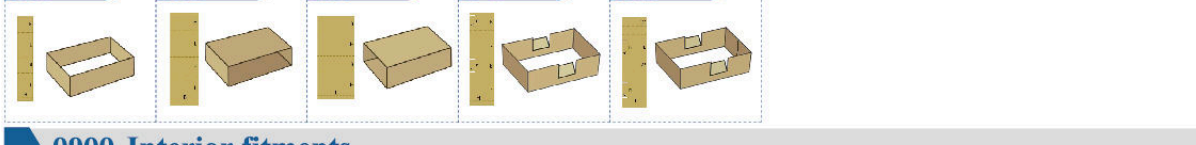
0400 Folder-type boxes



0500 Slide-type boxes



0900 Interior fitments

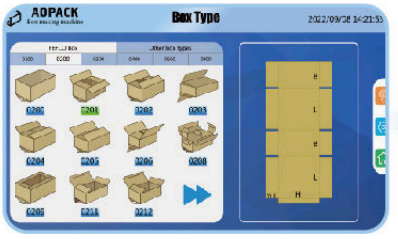


Free Style System: Design your own box types

BOX MAKING PROCESS



Get the machine ready and powered on.



Input production data.



All the units set automatically.



Load cardboard.

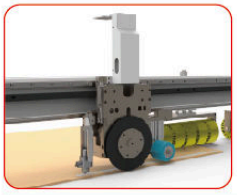


All the processes completed in one machine.

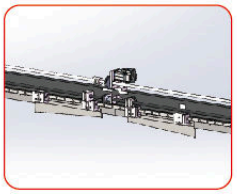


Different boxes.

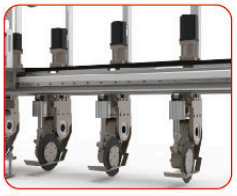
ONE STOP SOLUTION



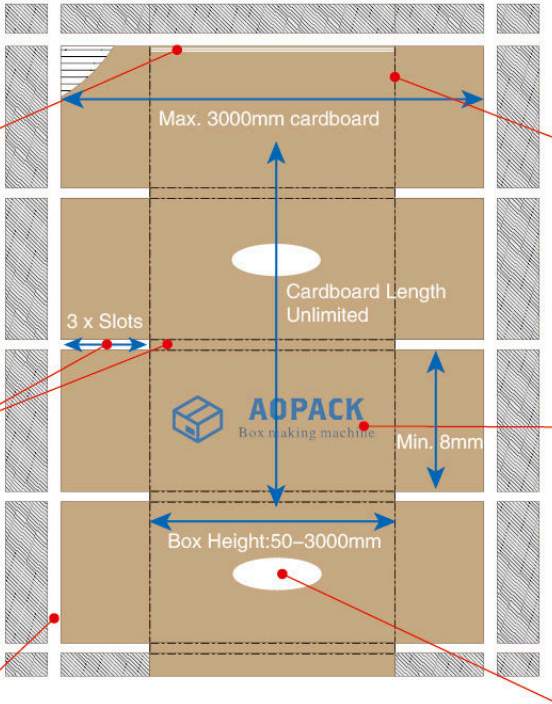
Inline Gluing (Optional)

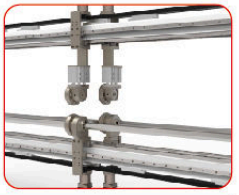


Horizontal Slotting And Scoring



Vertical Slitting

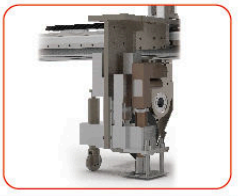




Vertical Creasing



Digital Printing (Optional)



Vibrating Knife Cutting (Optional)

MAJOR FUNCTIONS

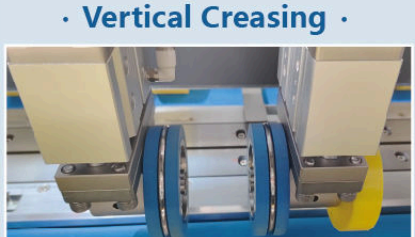
· Cardboard Feeding ·



·Horizontal Slotting & Scoring·



· Vertical Creasing ·



· Vertical Slitting ·



· Horizontal Cutting ·



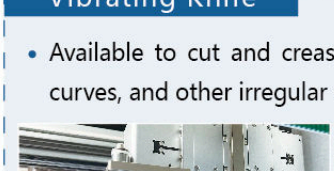
· Handle Die Cutting System ·

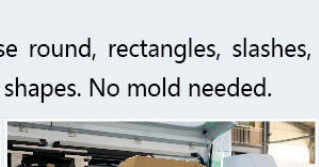


OPTIONAL FUNCTION

Vibrating Knife

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

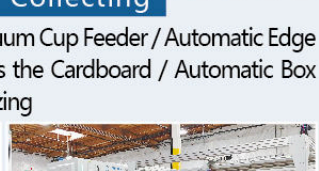




Auto Feeding & Box Collecting

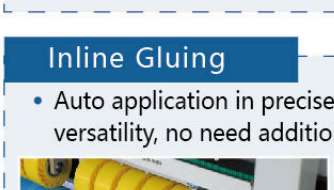
- Cardboard Lift Platform / Vacuum Cup Feeder / Automatic Edge Guiding / Vibration Separates the Cardboard / Automatic Box Collecting / Automatic Palletizing

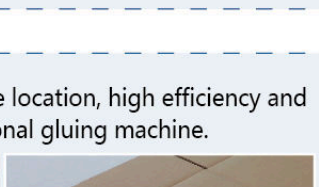




Inline Gluing

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

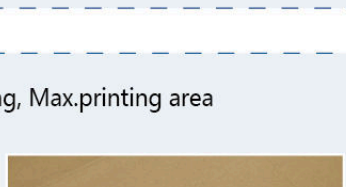




Flexo Printing

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

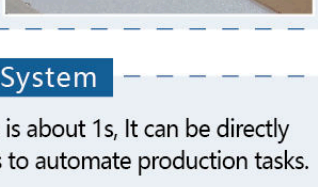




Order Management System

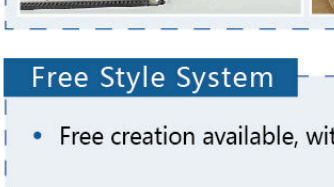
- The fastest changeover time is about 1s, It can be directly interfaced with ERP systems to automate production tasks.





Free Style System

- Free creation available, with unlimited box styles.





AOPACK
Box making machine

AOPACK BOX MAKING MACHINE
BM2800-Ultra



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

TECHNICAL DATA

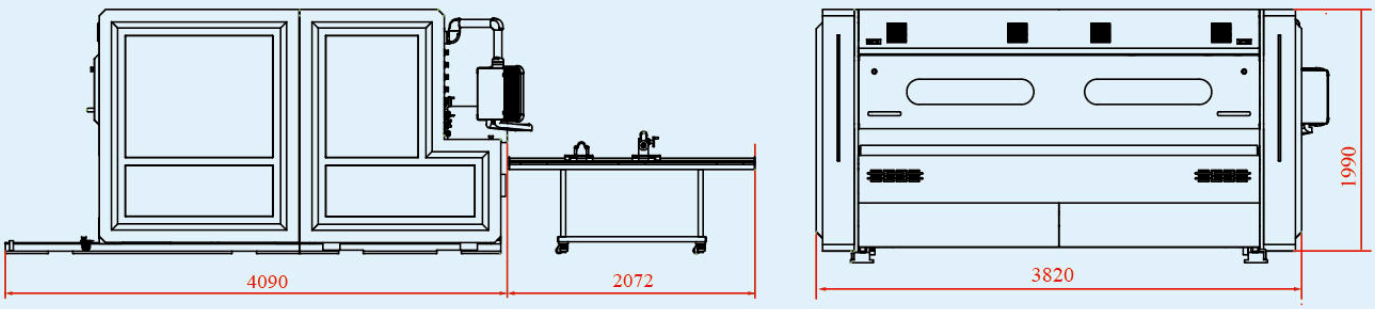
Cardboard	Cardboard Type	Single/Double/Triple Wall (AAA Heavy Duty Cardboard)	Creasing	Pre-creasing Wheel	4
	Thickness	2-16mm		Creasing Wheel	4
	Weight	≤2400g/m²		Double Sided Creasing	√
	Min. Size	300×900mm		Creasing Distance	35/180mm
	Max. Size	2800mm× Unlimited Length	Vertical Slitting	Vertical Slitting Knife	4
Finished Box	Min. Box Height (Min. scoring length)	50mm		Slitting Distance	35/140mm
	Max. Box Height (Min. scoring length)	2400mm	Horizontal Cutting	Cutting Knife	1
	Thinnest Box (Min. Creasing Distance)	35mm		Gluing Function	√
Machine	Power	380V±10%,Max20kW,50/60Hz		Glue Flap Crushing	√
	Compressed Air	100L/min	Slotting	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		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. Requirments)	i7 12th processor, 16GB memory, 512GB solid-state drive
Max. Printing Width (Split)	2300mm(230mm*2)	2300mm(460mm*2)	Working Environment	Temperature 15-25℃, humidity:35%-65%

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

MACHINE LAYOUT

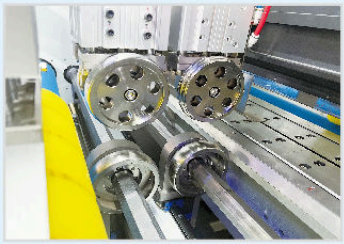


MAJOR FUNCTIONS



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



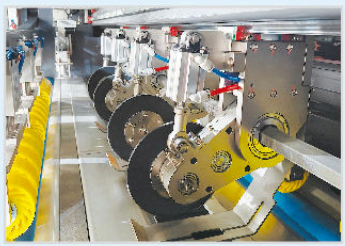
Vertical Creasing

Male-female double sided creasing, inconsistent creasing



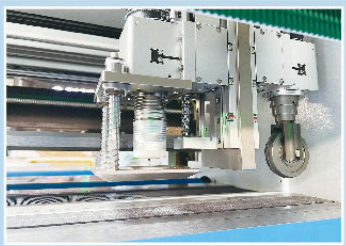
Slotting Knife

Max. Slotting length: 3 times length of slotting knife



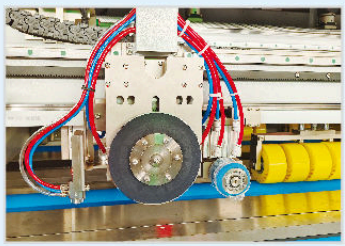
Vertical Slitting

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



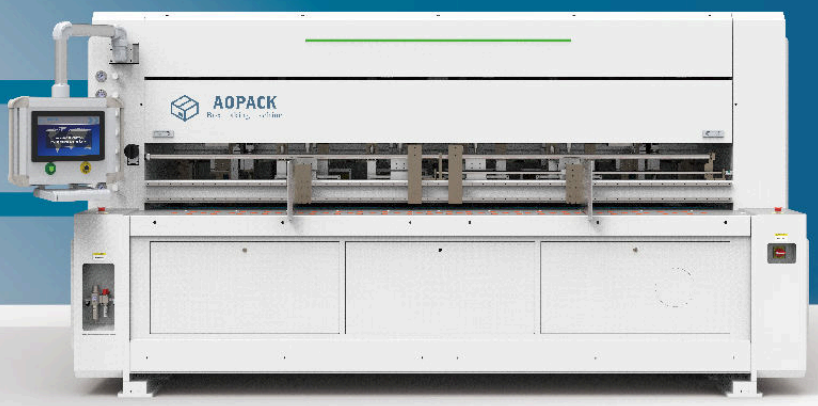
Digital Printing

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

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



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

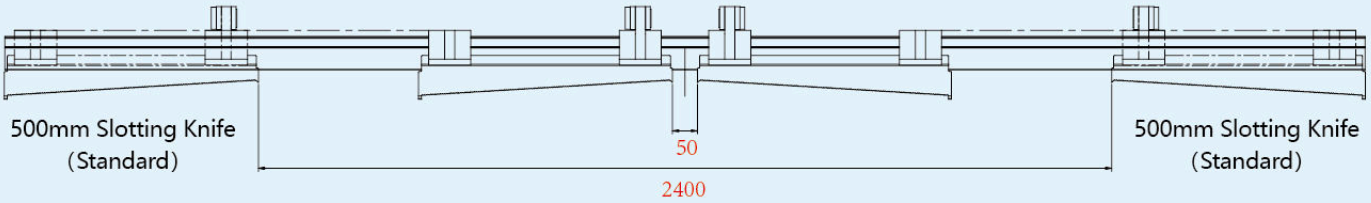




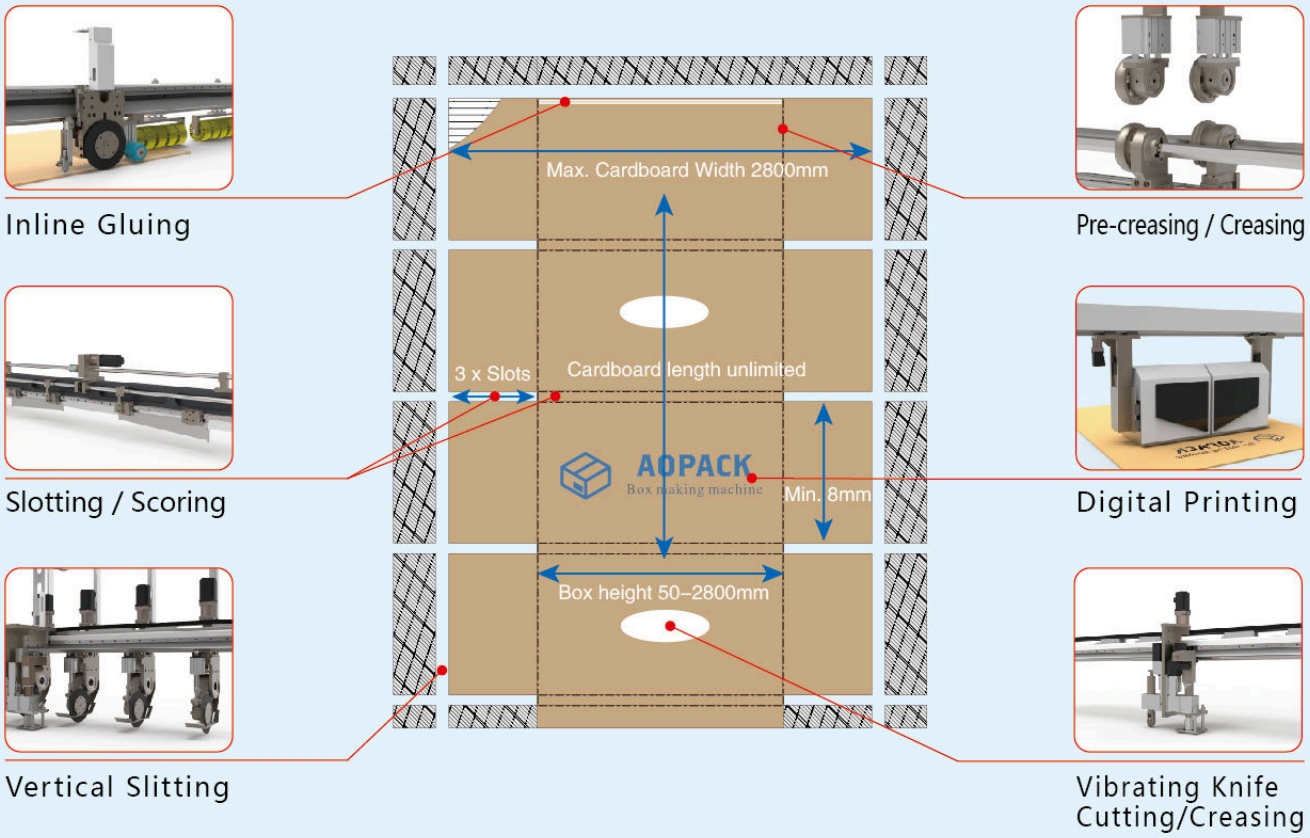




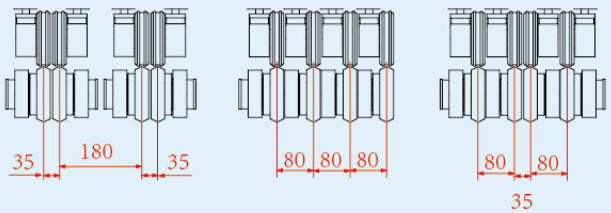
工作原理



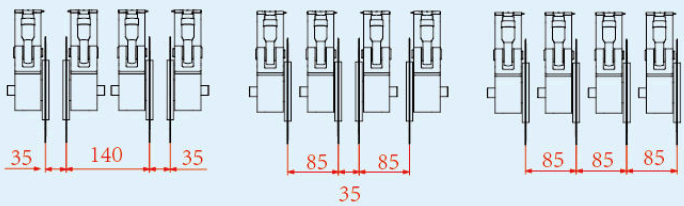
With optional 250mm slotting knife, the max. scoring length (box height) is 2800mm



PRE-CREASING / CREASING INSTALLATION OPTION

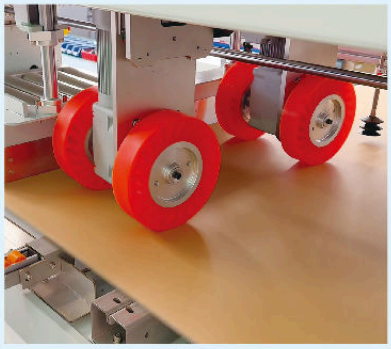


SLITTING KNIVES INSTALLATION OPTION



AUTO FEEDING & BOX COLLECTING SYSTEM (OPTIONAL)









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Box making machine

Aopack Heavy Duty Box Maker
BM3000-HD





FINISHED CARTON DISPLAY

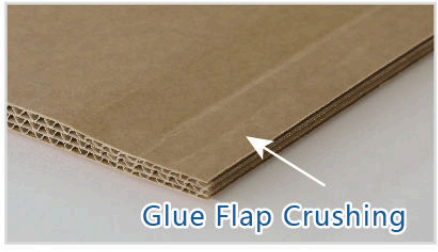

Vibrating Knife Cutting


Super Thin Box


Double Sided Creasing


AAA Cardboard Processing

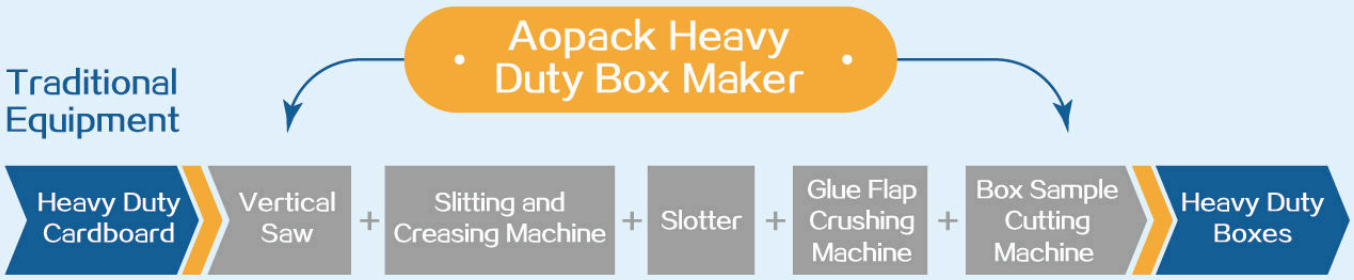

Inconsistent Creasing


Glue Flap Crushing

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/m²	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		Size	2188(L)*3920(W) *2010mm(H)
	Creasing Wheel	4		Weight	6038kg
	Double Sided Creasing	√	Optional Function	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		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

AOPACK BOX MAKING MACHINE
BM2508-Pro

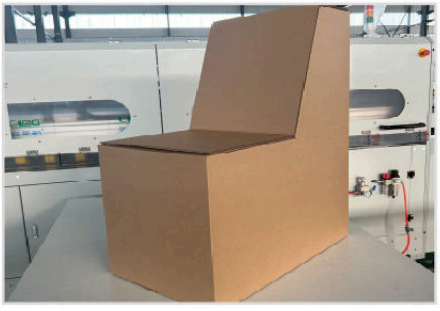


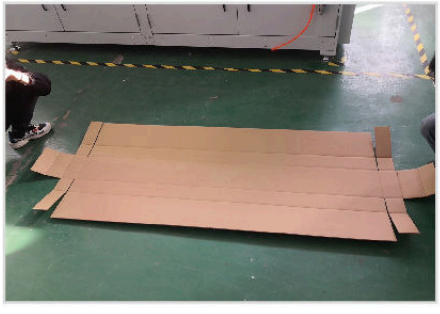
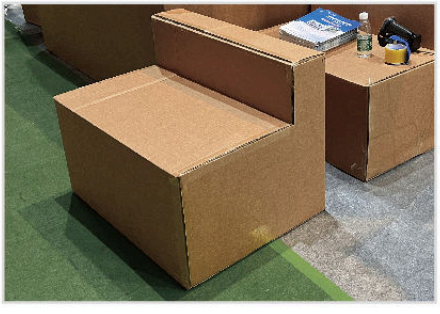
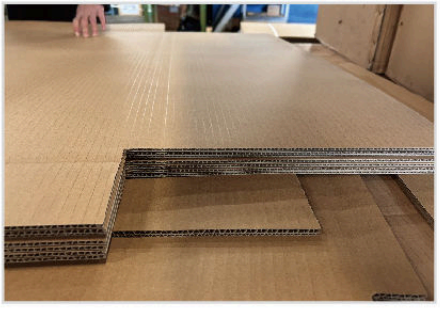
1 Aopack Machine = 4 Machines

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	≤1200g/m²	Power	380V±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+

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

AOPACK
Box making machine

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



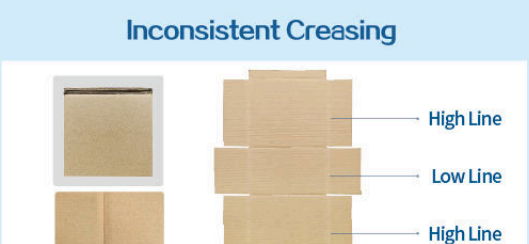
Vibrating Knife Cutting Hinged Lid Box



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	Slitting/ Creasing	Vertical Slitting Knife Qty	6
	Cardboard Weight	⩽1200g/m²		Creasing Wheel Qty	6
Finished Box	Min. Slitting Size	60mm x 50mm		Min. Slitting Distance	25mm
	Min. Box Size	50mm(W)*50mm(L)* 110mm(H)		Min. Creasing Distance	25mm
	Min. Creasing Distance (Thinnest Box)	25mm	Special Creasing	Inconsistent Creasing	Available
	Min. Box Height (Min. Slotting Distance)	110mm		Male & Female Creasing	Available
	Max. Box Height (Max. Slotting Distance)	2500mm	Special Cutting	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				

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AOPACK
Box making machine

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	2-12mm		Minimum Distance	25mm (Or 20mm)
Cardboard Weight	≤1400g/m²		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			
Power	380V±10%, Max 7kW	Cross Cutting	Cutting Knife Quantity	1
Dimension	Appr. 2500mm(W)*1500mm (L)*2030mm(H)	Machine Weight	Appr.1848kg	

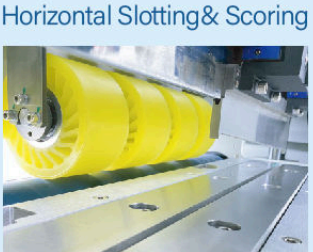
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MAJOR FUNCTIONS

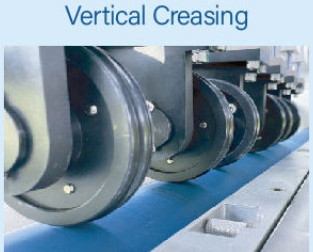
Cardboard Feeding



Horizontal Slotting& Scoring



Vertical Creasing



Vertical Slitting



Horizontal Cutting



Inline Gluing (optional)



Vibrating Knife Cutting (Option)



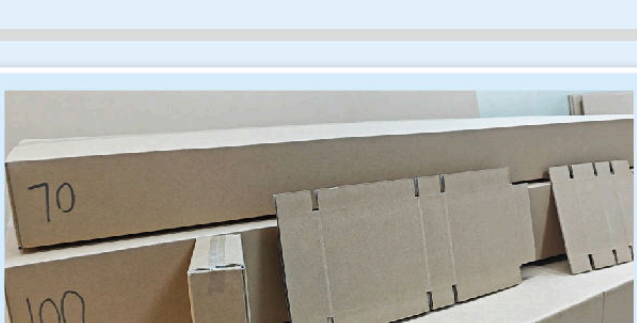
Handle Die-cutting (Option)



FINISHED CARTON DISPLAY



Thinnest Box 25mm



Min. Box Size: 50*50*100mm



Inconsistent Creasing



Cardboard Thickness: 2-12mm

AOPACK
Box making machine

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/m²	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

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





FINISHED CARTON DISPLAY

- Lower shipping costs
- Optimize warehousing
- Boost productivity
- Reduce labor and more efficiency
- Enhance protection
- Improve customer satisfaction
- Environmentally friendly

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		2-12mm	2-12mm	2-16mm
Cardboard Weight		1400g/m²	1200g/m²	2400g/m²
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

YouTube TikTok WhatsApp WeChat

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