



AOPACK
Box making machine



Watch Videos

Heavy Duty Box Maker

Single Pass – Short Run – On Demand

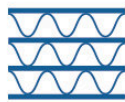
BM3000-HD



1 BM3000-HD = 1 SLITTER + 1 SLOTTER + 1 GLUER + 1 PLOTTER



1-6s
Changeover Time



E to AAA
Flute



Irregular
Shapes Cutting



150+ Box Styles

KTA-YHTIÖT OY

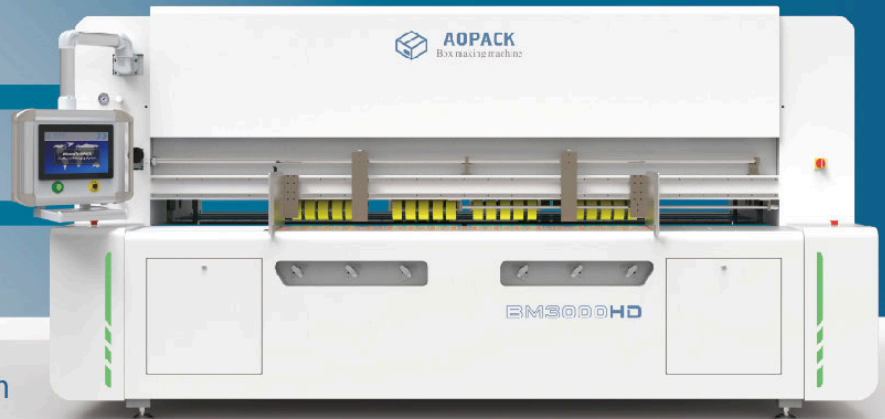
BM3000-HD Heavy Duty Box Maker

E to AAA Flute Corrugated Cardboard

Max. 3000mm Width x Unlimited Length

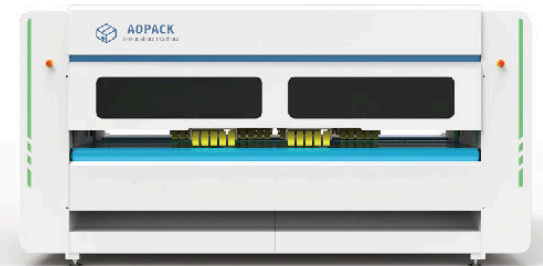
Male-Female Double Sided Creasing

Max. Scoring Length(Box Height) 3000mm



1200+ Aopack Machine Installed in 60+ Countries

- Cardboard thickness from 2mm to 16mm. Up to 2400g/sqm
- Vibrating knife cutting slash, curve, irregular shapes, Perforation
- Glue Flap Crush & Inconsistent Creasing Available



BM3000-HD FEATURES



Board Feeding

Automatic vacuum suction feeding for multiple cardboard sheets



Pre-creasing / Creasing

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



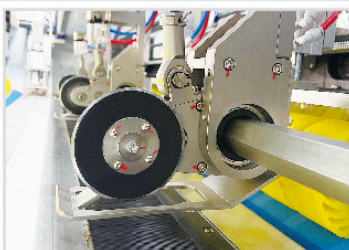
Vertical Creasing

Male-female double sided creasing & Inconsistent Creasing



Slotting Knife

Max. Slotting length: 3 times length of slotting knife



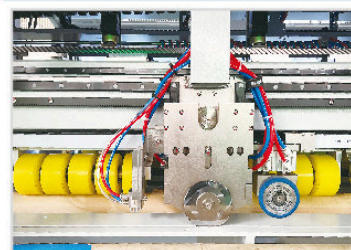
Vertical Slitting

Tungsten steel slitting knives driven by independent motors



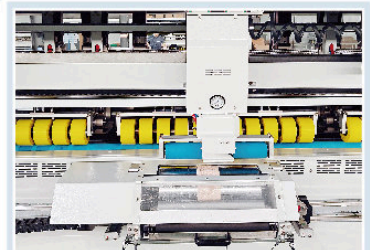
Vibrating Knife / Creasing Wheel

Cut and crease irregular shapes without mould



Horizontal Cutting / Gluing

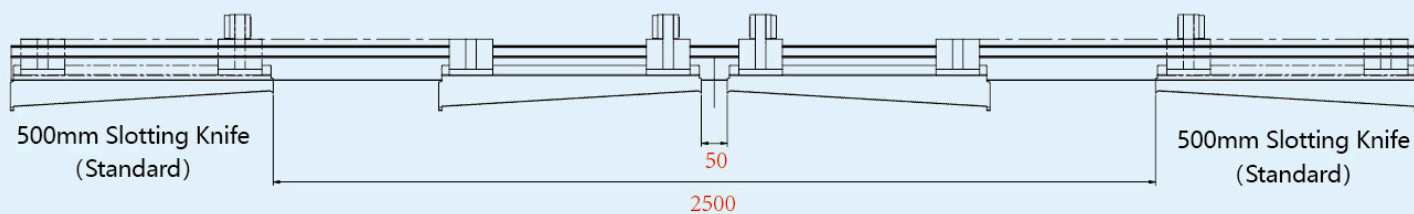
Integrated Design, Glue flap crushing function



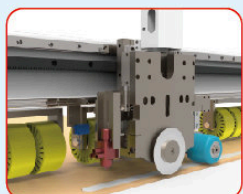
Flexo Printing

Max. 500*300mm(L*W) single color printing area

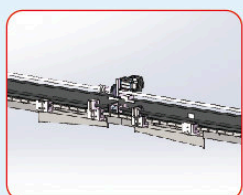
ONE STOP SOLUTION



◉ With optional 250mm slotting knife, the max. scoring length (box height) is 3000mm



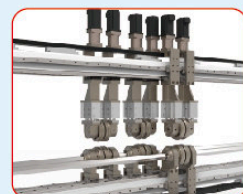
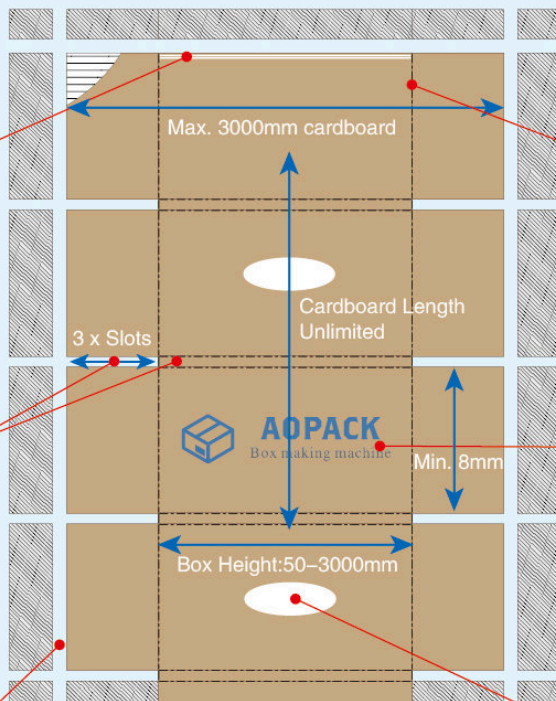
Inline Gluing



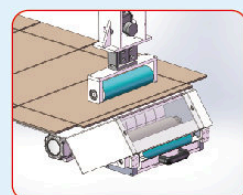
Horizontal Slotting And Scoring



Vertical Slitting



Vertical Creasing

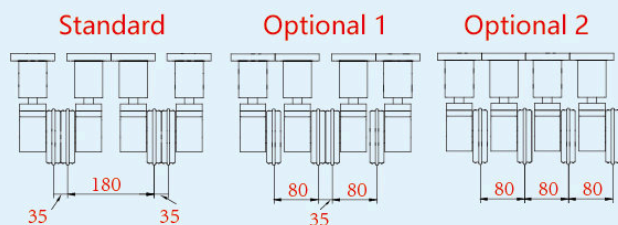


Flexo Printing (Optional)

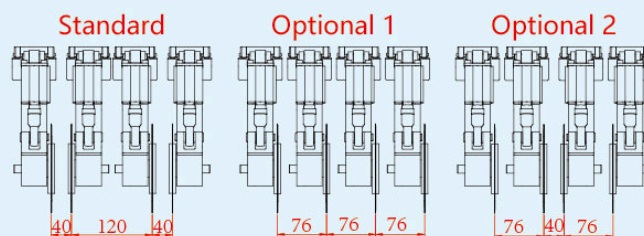


Vibrating Knife Cutting

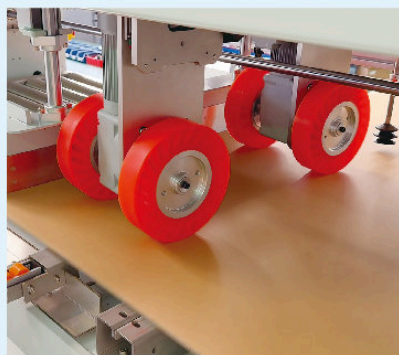
CREASING WHEELS INSTALLATION OPTIONS



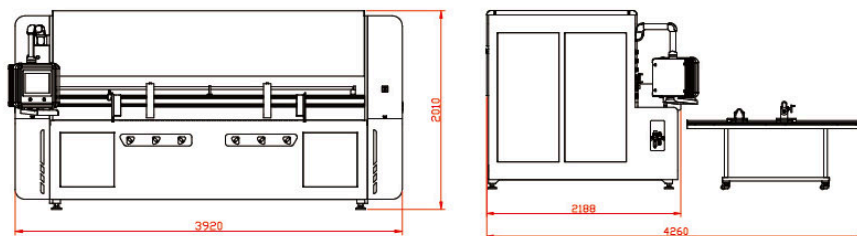
SLITTING KNIVES INSTALLATION OPTIONS



AUTO FEEDING & AUTO BOX COLLECTING SYSTEM OPTIONAL



BM3000-HD MACHINE LAYOUT

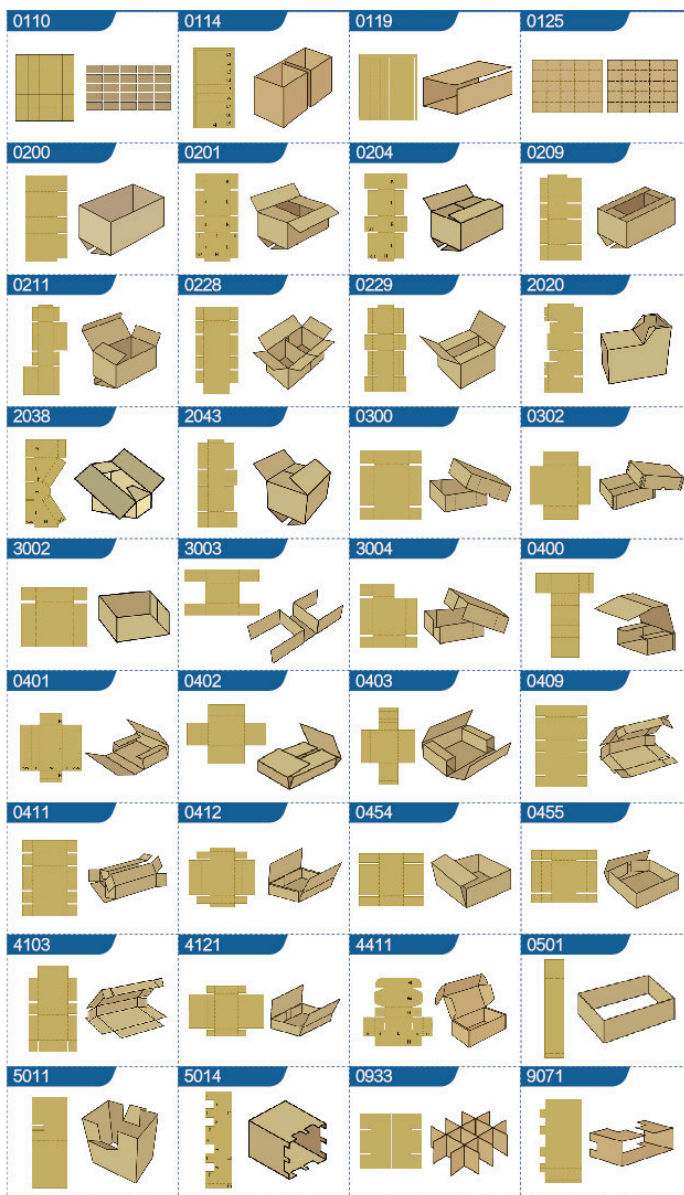


Cardboard	Cardboard Type	Single/Double/Triple Wall (AAA Heavy Duty Cardboard)
	Cardboard Thickness	2-16mm
	Cardboard Weight	≤ 2400g/m²
	Min. Board Size	300mm(W)*660mm(L)
Finished Box	Max. Board Size	3000mm(W)*Unlimited Length
	Min. Box Height (Min. Slotting Distance)	50mm
	Max. Box Height (Max. Slotting Distance)	2500mm
	Thinnest Box (Min. Creasing Distance)	35mm
Creasing	Pre-creasing wheel	2+2
	Creasing Wheel	4
	Double Sided Creasing	✓
	Creasing Distance	35/180mm
Vertical Slitting	Vertical Slitting Knife	4
	Slitting Distance	40/120mm
Horizontal Cutting	Cutting Knife	1
	Glue Flap Crushing	✓
Slotting	Slotting Knife	2
	Slotting Knife Length	500mm
Vibrating Knife	Vibrating Knife Qty	2
Machine	Inline Cold Gluing	✓
	QR Code Scanning	✓
	Order Management System	✓
	Free Style System	✓
	Power	380V ±10%, Max15kW, 50/60Hz
	Compress Air	100L/min
	Size	2188(L)*3920(W)*2010mm(H)
	Weight	6038kg
The parameters are for reference only. Final right of interpretation belongs to Aopack Ltd.		

OPTIONAL FUNCTION

Creasing Tools for Vibrating Knife	Max. 2 sets
Inline Flexo Printing	Max. 2 sets 500*300mm(L*W)
Auto Feeding & Box Collecting	✓
Separate Hot Melt Gluing Machine	✓
Separate Knife Sharpening Machine	✓
3D Scanning Table	✓

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

KTA-Yhtiöt Oy

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