

Aopack Boxmaker Series - Similarities and differences

1. PROFILE

QINGDAO AOPACK ON DEMAND PACKAGING CO.,LTD. is a manufacturing & trading combo in China. We have been focusing on corrugated box making solution for more than 8 years, and has developed a series of box making machines with our own Patents. Currently, main products include BM2508-Plus, BM2508-SE, and BM3000.

Up till now, we totally installed more than 150 machines to 35+ countries/areas. Most of machines are installed in Europe, North and South America. There are also some cases in Asia, Australia and Africa.

	BM2508-Plus	BM2508-SE	BM3000
Appearance			
Dimension & Net Weight	4000*2100*2000mm 3500KGS	3560*1840*2050mm 2800KGS	3800*2000*2090mm 3500KGS
Brief Introduction	BM2508-Plus is the most advanced single-pass automatic box making machine, which effectively solve the problem of scattered orders production.	BM2508-SE model is an economic version machine. It is equipped with a 900mm lead edge feeder, 2 vertical creasing wheels, and removed handhole die cutting module.	On the basis of the BM2508-Plus machine, BM3000's maximum cardboard width has been extended to 3 meters, and the production efficiency has increased by 20%.

2. SIMILARITIES

2.1 Highlights of Aopack Machine

Single pass fully automatic box making machine, specialized in low to medium volume boxes production.




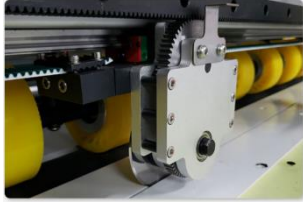
- ✧ One operator is enough
- ✧ Competitive price
- ✧ Multifunctional machine
- ✧ Changeover time 1-40 seconds
- ✧ Quick installation and commissioning
- ✧ Operation training to users



BM2508-Plus

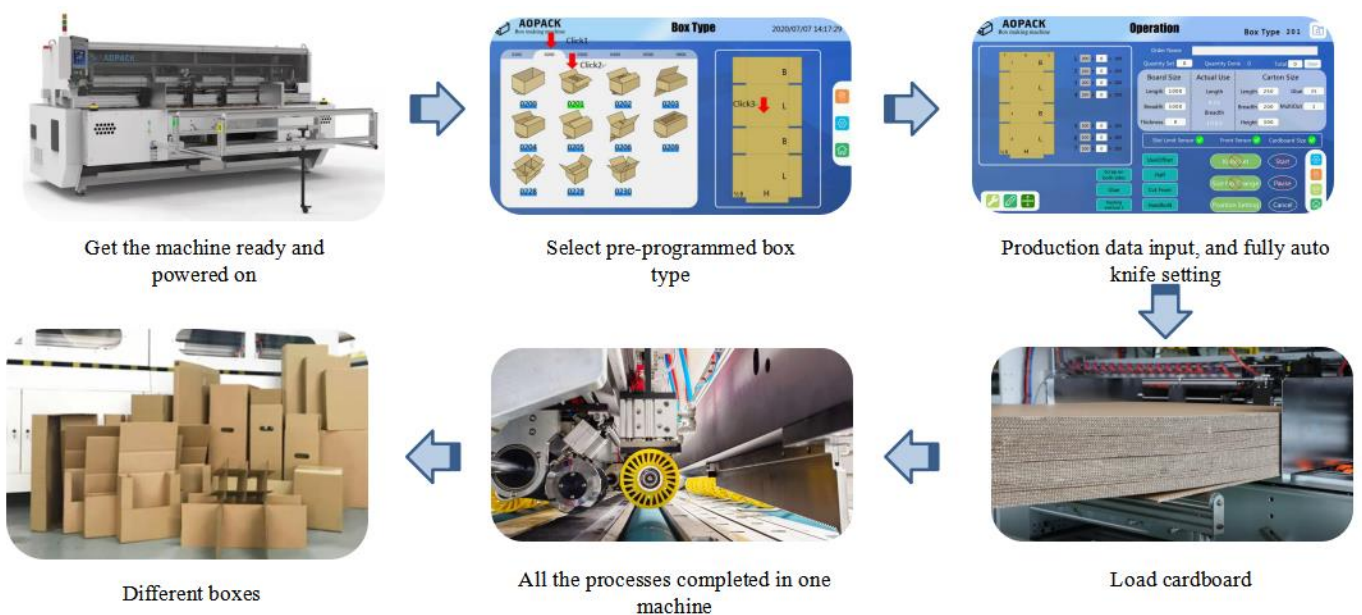
2.2 Main Function of Our Machine

Our machine is multifunctional, which integrates auto feeding, slotting, scoring, slitting, cutting, trimming all in one compact machine. No need another slitter scorer machine anymore.

	<p>Cardboard Feeding</p> <ul style="list-style-type: none"> (1) 20-50 sheets can be loaded (2) Through vacuum suction, even reasonably warped sheets move through the machine with ease. 		<p>Vertical Scoring & Slitting</p> <ul style="list-style-type: none"> (1) 4 motor-driven cutting knives (2) 4 vertical creasing wheels
	<p>Horizontal Slotting & Scoring</p> <ul style="list-style-type: none"> (1) 2500mm symmetrical slotting knives (2) Slotting knife and creasing beam integrated design 		<p>Cross Cutting System</p> <ul style="list-style-type: none"> (1) Driven by gear (2) Cut off extra cardboard without an additional paper separator

2.3 Simple Box making Process

In traditional mode of production, an order used to take lots of times, but now, it can finish the process within one minute, and only need 4 steps with our fully automatic machine, which effectively solve the problem of scattered orders, and high labor cost.



2.4 Inline Gluing system (Optional for all of the Aopack machines)

- Inline cold gluing auto application, no need extra gluing machine.
- Highest efficiency and versatility.



3. DIFFERENCES

3.1 Differences in Standard Configuration

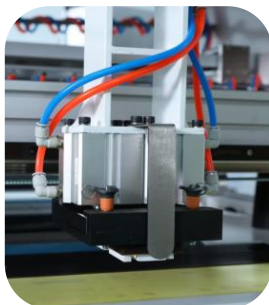
	BM2508-Plus	BM2508-SE	BM3000
Paper feeding bracket	1pcs	1pcs	1pcs
Slotting knives	2pcs	2pcs	2pcs
Horizontal Scoring beam	1pcs	1pcs	1pcs
Vertical cutting knives	4pcs	4pcs	4pcs
Vertical Creasing/ scoring wheels	4pcs	2 (Option 4)	4pcs
Cross cutting knife	1pcs	1pcs	1pcs
Handle die-cutting module	1pcs	None	1pcs

3.2 Die Cutting system

BM2508-Plus and BM3000 models this function, you can make hand holes on both side of your box.

- Hand hole, vent hole, special-shaped rounded corners.
- Cheap module and easy replacement.

But due to different mechanical design, there is no space for BM2508-SE to add this module, while BM2508-Plus and BM3000 can also choose double handhole option.



	BM2508-Plus	BM2508-SE	BM3000
Die cutting system	√	×	√

3.3 Automatic Paper feeding

Aopack's machine uses the most powerful and advanced vacuum suction, even reasonably warped sheets can be fed through the machine easily. Highest accuracy($\pm 1\text{mm}$) and strength.



BM2508-Plus/ BM3000



BM2508-SE

	BM2508-Plus	BM2508-SE	BM3000
Lead Edge Feeder	1400mm	900mm	1400mm

3.4 Operation Touch Screen

All settings can be entered directly from a large touching screen panel within one minute. Additionally, with the different types of touch screen, their memory capacity also differ.

- (1) More box styles and details available for BM2508-Plus and BM3000 operation system.
- (2) As for their order storage function, the max. storage quantity of BM2508-SE in the system is 2000 records, but for BM2508-Plus and BM3000, the max. storage quantity could be 6000 records.



BM2508-SE



BM2508-Plus/BM3000

	BM2508-Plus	BM2508-SE	BM3000
Touching Screen	15.6 inches	10.1 inches	15.6 inches

3.5 Available Box Styles

With different operation touch screen and number of vertical creasing wheels, the available pre-programmed box styles vary depending on each model. We can add your own box design and upload for free. Even after you installed the machine, remote update could be available.

	BM2508 SE (With 2 vertical creasing wheels)	BM2508 SE (With 4 vertical creasing wheels)	BM2508 - Plus	BM3000
Box Styles	About 27	About 36	60+	60+

4. TECHNICAL SPECIFICATIONS COMPARISON

	BM2508-Plus	BM2508-SE	BM3000
Corrugated board type	Sheets Or Fanfold (Single , Double wall)	Sheets (Single , Double wall)	Sheets (Single , Double wall)
Cardboard thickness	2-10mm	2-10mm	2-10mm
Cardboard density range	Up to 1200g/m ²	Up to 1200g/m ²	Up to 1200g/m ²
Max.board size	2500mm width x unlimited length	2500mm width x unlimited length	3000mm width x unlimited length
Min.board size	200mm width x 650mm length	200mm width x 650mm length	300mm width x 650mm length
Production Capacity	Appr.7-10 pcs/minute Depends on size and box style.	Appr.7-10 pcs/minute Depends on size and box style.	Appr.8-12 pcs/minute Depends on size and box style.
Slotting Knife	2 pcs *500mm Length	2 pcs *500mm Length	2 pcs *500mm Length
Vertical Cutting knife	4	4	4
Scoring/Creasing wheel	4	2 (Optional 4)	4
Horizontal Cutting knife	1	1	1
Power supply	380V±10% , Max. 7kW, 50/60 Hz	380V±10% , Max.6.2kW, 50/60 Hz	380V±10% , Max.7.7kW, 50/60 Hz
Air Pressure	0.6-0.7MPa	0.6-0.7MPa	0.6-0.7MPa
Dimension	3540(W) * 2050 (L) * 2090mm(H)	3370(W) * 1800 (L) * 2000mm(H)	3650(W) * 1950 (L) * 2090mm(H)
Gross Weigh	Appr.3500Kg	Appr.2800Kg	Appr.3500Kg
Automatic paper feeding	Lead edge feeder 1400mm	Lead edge feeder 900mm	Lead edge feeder 1400mm
Handhole on box sides	Hand hole module size (120*120mm)	NO	Hand hole module size (120*120mm)
Air Consumption	75L/Min	40L/Min	75L/Min
Box styles	More than 60 Fefco codes	More than 27 (36) Fefco codes	More than 60 Fefco codes
HMI screen size	15.6" touch screen	10.1" touch screen	15.6" touch screen