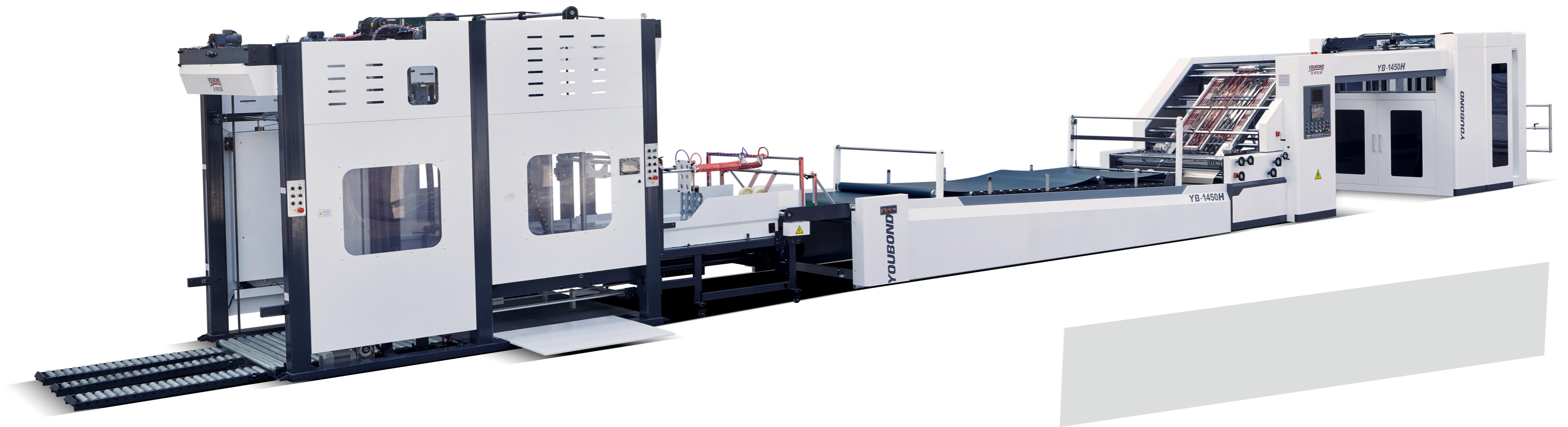




WENZHOU YOUNBOND MACHINERY CO.,LTD.



High-speed, servo-set flute laminator with pile turning



WENZHOU YOUNBOND MACHINERY CO.,LTD.

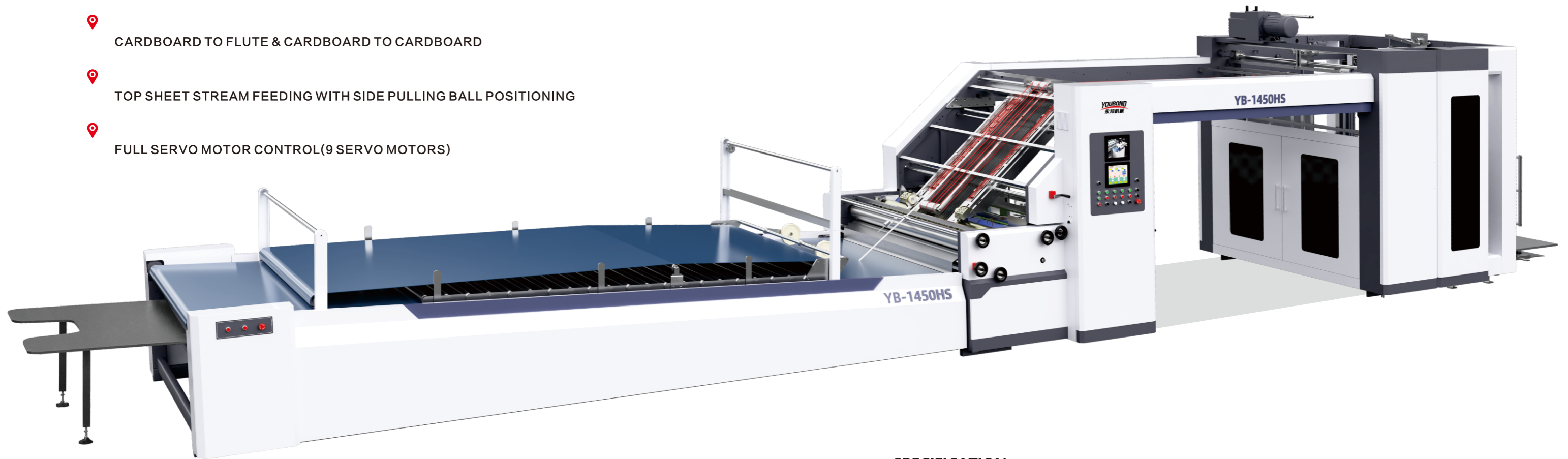
# YB-1450HG/1700HG

## SERVO LAMINATING MACHINE(HEAVY-DUTY)



- 📍 AUTO PRESSURE ADJUSTMENT、 AUTO GLUE ADJUSTMENT
- 📍 **200M/MIN**  
MAX SPEED 200M/MIN
- 📍 CASTING FRAME,LARGE DIAMETER ROLLER TRANSMISSION
- 📍 CARDBOARD TO FLUTE & CARDBOARD TO CARDBOARD
- 📍 TOP SHEET STREAM FEEDING WITH SIDE PULLING BALL POSITIONING
- 📍 FULL SERVO MOTOR CONTROL(9 SERVO MOTORS)

### Sixth Generation Heavy-Duty Laminating Machine



#### INTRODUCTION

This machine adopts the motion control system and servo correction device perfect combination, the use of multiple sets of photoelectric sensor at bottom sheets relative position, control top sheets on both sides of the servo motor to do independent compensation action, so that accurate positioning of top paper and the bottom paper. Servo laminating machine is simple for operation, just enter the paper size, machine can automatically finish adjustment.

#### SPECIFICATION

MODEL	YB-1450HG	YB-1700HG
Max Sheet Size	1450×1450mm (57"×57")	1700×1700mm (67"×67")
Min Sheet Size	380×350mm (15"×14")	380×350mm (15"×14")
Top Sheet Thickness	120-500g	120-500g
Bottom Sheet Thickness	A, B, C, E, F (Corrugated paper)	(four ply corrugated paper) 300g (cardboard above 300GSM)
Fitting Precision	±1mm	±1mm
Air Consumption	0.2m³/min	0.2m³/min
Measurement	15.5×2.4×2.4M	15.7×2.6×2.4M
Machine Power	22KW	25KW
Glue Application	White glue、	Starch glue

Design and specification are subject to change without notice.

# YB-1450HG/1700HG

## SERVO LAMINATING MACHINE(HEAVY-DUTY)

### CONFIGURATION LIST

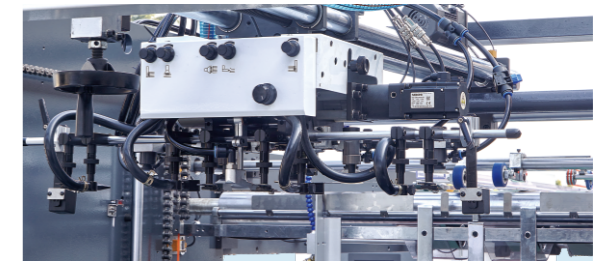
	<p><b>PLC</b></p> <p>Germany</p> <p>SIEMENS</p>		<p><b>Top Paper Driver</b></p> <p>Japan</p> <p>YASKAWAN</p>
	<p><b>Top Paper Servo</b></p> <p>Japan</p> <p>YASKAWA</p>		<p><b>Frequency Converter</b></p> <p>Germany</p> <p>SIEMENS</p>
	<p><b>Air Pump</b></p> <p>Germany</p> <p>BECKER</p>		<p><b>Main Motor</b></p> <p>Germany</p> <p>SIEMENS</p>
	<p><b>Bearing</b></p> <p>Japan</p> <p>NSK</p>		<p><b>Synchronous Belt</b></p> <p>Germany</p> <p>CONTINETAL</p>
	<p><b>Contactor</b></p> <p>France</p> <p>Schneider</p>		<p><b>Suction Belt</b></p> <p>Japan</p> <p>NITTA</p>
	<p><b>Push Button</b></p> <p>France</p> <p>Schneider</p>		<p><b>Clutch</b></p> <p>Taiwan</p> <p>YAN</p>
	<p><b>Spring</b></p> <p>Japan</p> <p>DAIDO</p>		<p><b>Solenoid valve</b></p> <p>Japan</p> <p>SMC</p>
	<p><b>PU Round belt</b></p> <p>Israel</p> <p>VOLTA</p>		<p><b>Low Voltage</b></p> <p>France</p> <p>Schneider</p>

### BRANCH INTRODUCTION



#### BOTTOM PAPER FEEDING

Use imported Servo motor electric controlling system, with Japan NITTA suction belt to make suction power inverter, and belt cleaned by water roller; Patented technology to ensure corrugate and cardboard goes out smoothly and simple operation.



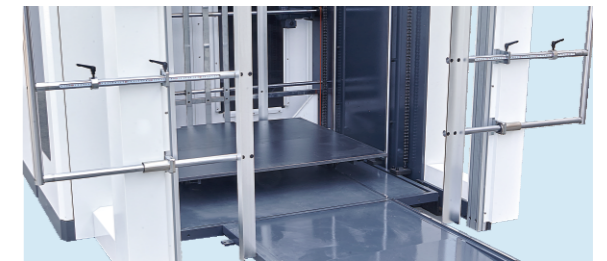
#### TOP SHEET FEEDING MECHANISM

Equipped with high speed auto dedicated feeder, both paper lifting and feeding nozzle can freely adjust angle to the paper, to ensure that whether thick or thin paper can be delivered rapidly and smoothly.



#### ELECTRICAL SYSTEM

Designed in the accordance with European CE requirement, ensure machine stability, high efficiency and low failure. Using man-machine interface and PLC combination, display all the information, such as warning, error detect, failures, and operating speed, etc on the screen at a glance.



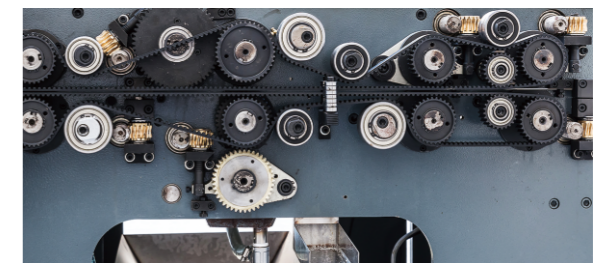
#### PRE-STACK PART

Pre-stack pile of paper under the condition of non-stop, improve efficiency. The special design of the pre stack paper frame, save time and effort.



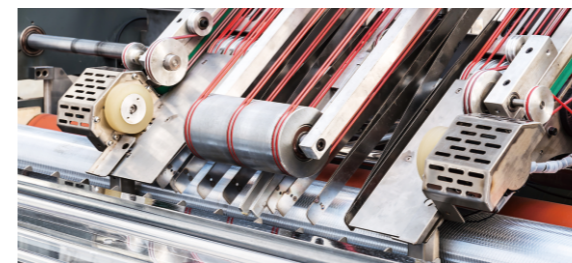
#### GLUE ROLLER

Stainless steel roller, never rust, after narrowly grinding, guaranteed the minimum amount glue coated evenly. Down roller be cleaned by water roller.



#### TRANSMISSION

With imported double teeth belt drive and Switzerland ROSTA tension device ensure the drive accurate, stable and low noisy.



#### POSITIONING SYSTEM

The use of multiple sets of photoelectric sensor at bottom sheets relative position, control top sheets on both sides of the servo motor to do independent compensation action, so that accurate positioning of top paper and the bottom paper.






#### LEADING EDGE FEEDING SYSTEM (OPTION)

This system is for option, more suitable for large size and thick bottom sheets.

# YB-1450S/1700S

## AUTOMATIC PILE TURNER AND STACKING MACHINE



-  AUTO COLLECTING
-  FRONT AND BACK PLACED STACKING
-  ONE KEY OPERATION



### INTRODUCTION

Automatic pile turner and stacking machine is an automatic equipment that arranges the laminated sheets into stocks according to the set-up quantity, integrating the functions of collection, stack, flip and stock.

### SPECIFICATION

MODEL	YB-1450S	YB-1700S
Max Sheet	1450×1450mm	1700×1650mm
Min Sheet	400×400mm	400×400mm
Measurement	8×2.4×3M	8×2.6×3M
Machine Power	12KW/380V	13KW/380V

# YB-1207BK/1210BK INTELLIGENT CARDBOARD LAMINATING MACHINE

**YOUBOND**

- INTELLIGENT ONE-KEY SET UP
- HIGH ACCURACY,HIGH SPEED
- MOTION TRACING GAUGE POSITIONING



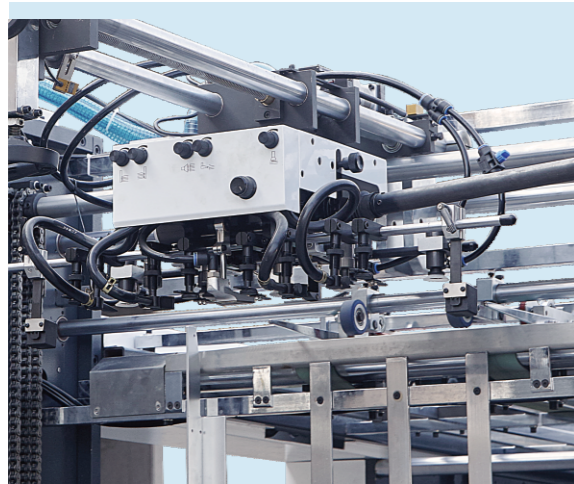
## INTRODUCTION

This machine adopts the special motion tracing position system that makes the two sheets get aligned accurately. For sheet-to-sheet laminating of cardboard, glossy paper and gray-board, performing a high accuracy. The machine is widely used in the production of wine boxes, tags, puzzle games and gift boxes, etc.

# YB-1207BK/1210BK INTELLIGENT CARDBOARD LAMINATING MACHINE



## BRANCH INTRODUCTION



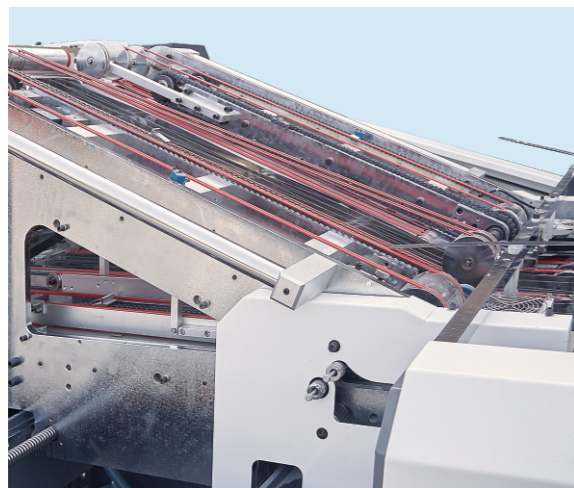
### Feeder system

equipped with high speed dedicated feeder, feeding nozzle can freely adjust the angle to the paper; Feeder position adjusts automatically.



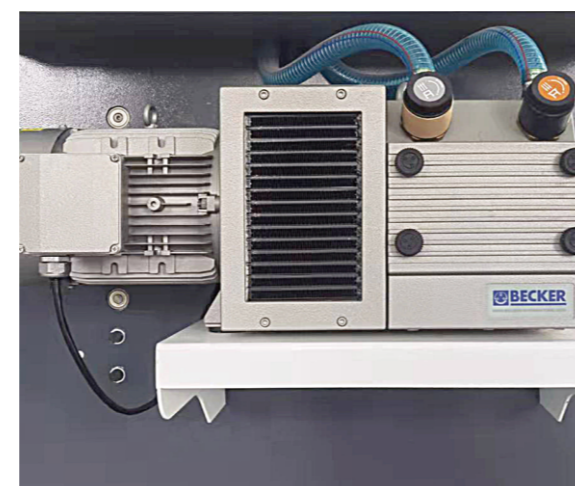
### Electrical system

Intelligent one-key set up. Designed in the accordance with European CE standard, human-machine interface detects the faults automatically and alarms any abnormal.



### Laminating system

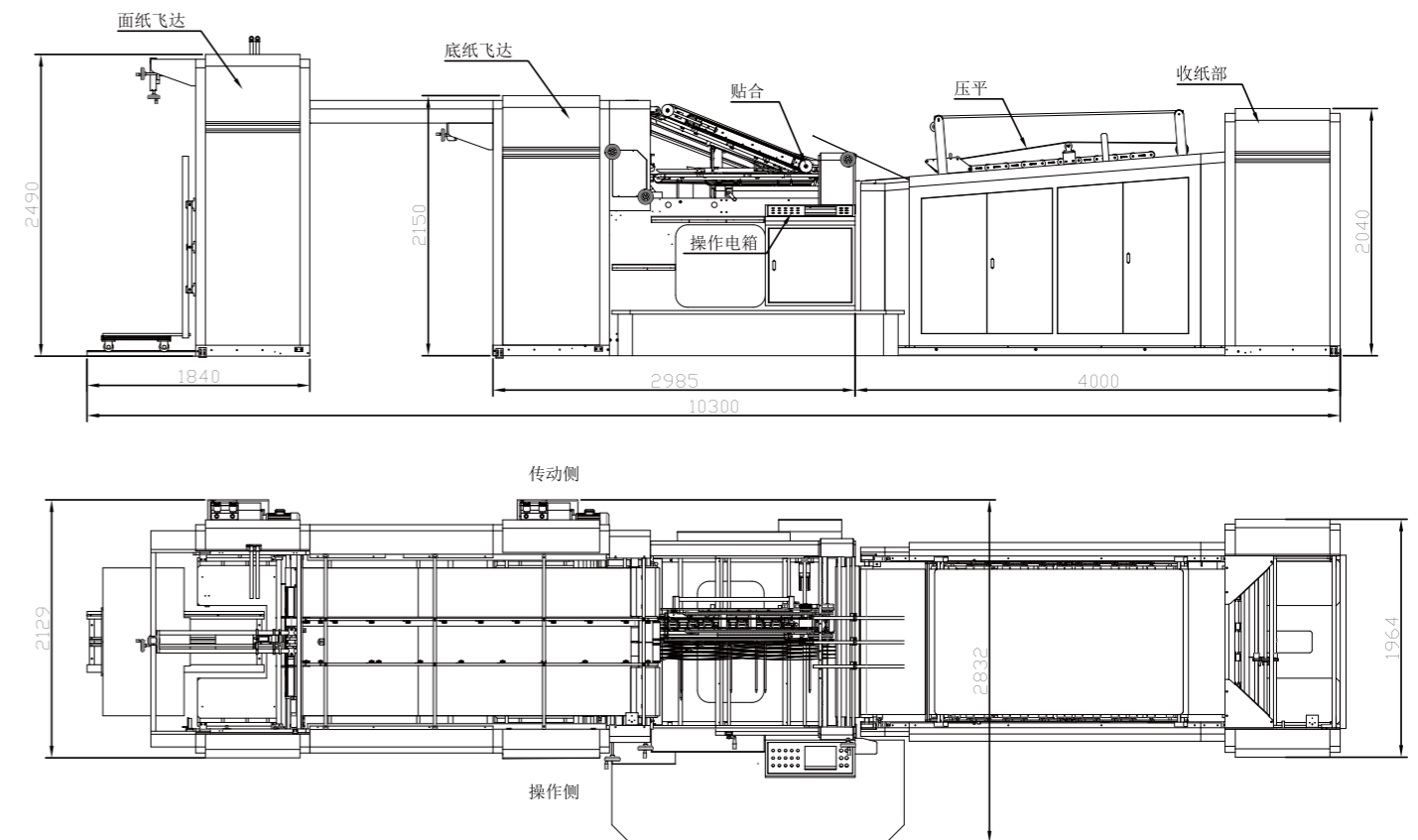
The paper is chased against the gauge by the speed difference between the paper and the motion gauge, performing high accuracy.



### Airing System

Equipped with two Germany Baker pumps that provide the stable airing supply for both up and bottom feeder.

YB-1207BK/1210BK全自动裱卡机示意图



## SPECIFICATION

MODEL	YB-1207BK	YB-1210BK
Max sheet size	1200×720mm	1200×1000mm
Min sheet size	450×280mm	450×280mm
Top paper thickness	100-800g/m <sup>2</sup>	100-800g/m <sup>2</sup>
Bottom paper thickness	180-1200g/m <sup>2</sup>	180-1200g/m <sup>2</sup>
Accuracy	±0.5mm	±0.5mm
Weight	7500KGS	7500KGS
Machine power	20KW	20KW

Please contact us for customized size or other special requirements.  
Design and specification are subject to change without notice.



YOUBOND MACHINERY, WITH ALMOST THE WORLD'S 70 COUNTRIES AND REGIONS'USERS, WORK AND IMPROVE TOGETHER.

EVERY TIME YOU CHOOSE YOUBOND EVERY CHOICE OF YOUBOND IS DIFFERENT LAMINATING TECHNOLOGY CONSTANTLY GO BEYOND THE SELF CONTINUOUSLY PERSUIT THE HIGHER REELM OF LAMINATING TECHNOLOGY NEXT TIME WE'LL BE IN A HIGHER POINT.

COOPERATIVE PARTNER
