



ZW-A8

**ZW-A8-S350 non woven bag making machine
(use for cake and pizza packing bag)**

ZHEJIANG ZHENGWEI MACHINERY CO.,LTD



(I) Technical Parameter

1. Applicable material: PP Non-woven, non-woven laminating with BOPP film, non-woven laminating with aluminized film BOPP film, etc.
2. material thickness: if make side width 350mm, recommended use 100-140gsm, hard non-woven fabrics good effect of folding.
3. Max working speed: 20-80pcs/min, speed depend on bag size.
4. Max width of feeding material: 1450mm
5. Max rewinding diameter: $\Phi 1200\text{mm}$
6. Total power: about 80kw
7. Overall dimension: $9600\text{mm} \times 7300\text{mm} \times 2700\text{mm}$ (L×W×H)
9. Machine total weight: about 12000kg
10. handle loop length 400-650mm, handle loop width 25-30mm
11. Mold device. Change time 10-120minutes depend on mould size. Servo synchronous wheel operation device high speed silent; The mold positioning device facilitates mold replacement.
12. bag size feasibility

Bag height	Bag width	Bag side width
200mm—500mm	110mm—550mm	80mm-350mm

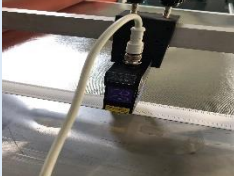
13. bag size Reference (height*width*side)

Bag A	Bag B	Bag C
500mm*550mm*350mm	500mm*500mm*300mm	390mm*230mm*80mm
Calculation rule: max height= (1400-350)/2	Calculation rule: max height = (1300-300)/2	Calculation rule: max height= 80/2+350

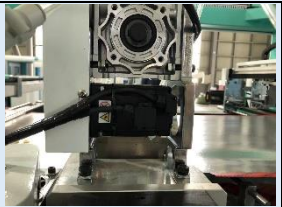
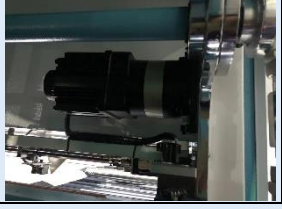
(II) Main equipment introduction

1. Feeding part (EPC)
2. Bag mouth indentation
3. handle loop and folding
4. cutting
5. puncher
6. bag seal
7. bag molding by main ultrasonic
8. bag folding side
9. bag collecting and count

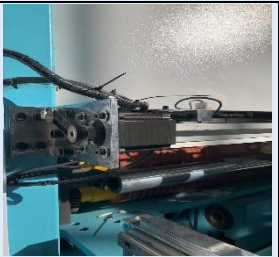
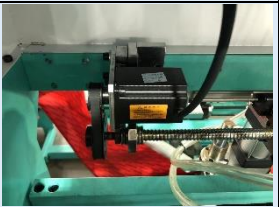
Main Configuration list

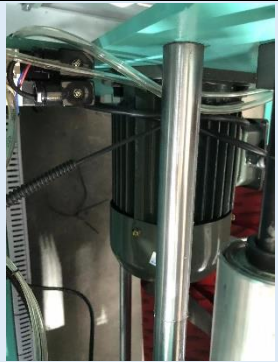
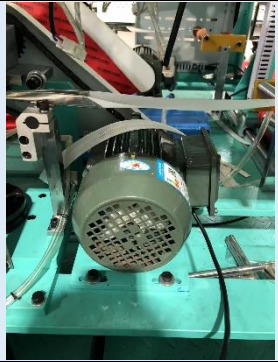
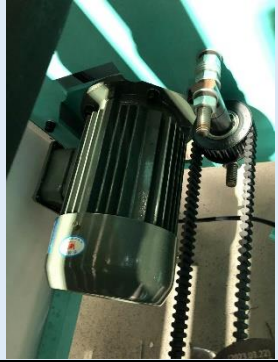
Parts name	Type number	Power	Quantity (pcs)	Origin or brand	Pictures
Main PLC	FD-XHC60T		6	Panasonic	
Handle loop PLC	NS-C1615		2	Panasonic	
Collect bag control	RC16T		1	Panasonic	
Main touchscreen	TK6100i		1	Weinview	
touchscreen handle loop	TK6070iq		2	Weinview	
touchscreen collecting bag	TK6070iq		2	Weinview	
Color marker tracking photocell	KRT21M-09		2	Italy	
Ultrasonic complete set size:350*90mm	15KHZ	15KHZ	4		

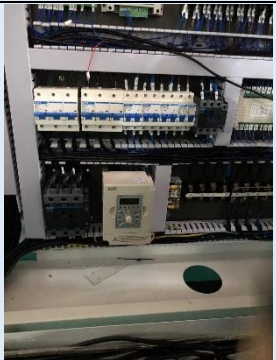
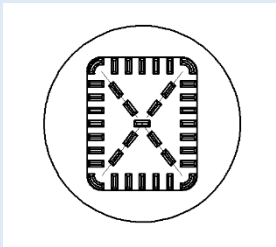
Ultrasonic complete set size:12*350mm	15KHZ	15KHZ	2		
Ultrasonic complete set size:25*60mm (embossing)	20KHZ	20KHZ	4		
Ultrasonic complete set(circle 55mm)	20KHZ	20KHZ	4		
servo motor mould	ISMG1-17D15CD-A334FA	17kw	1	HUICHUAN	
servo motor ultrasonic power	MS1H3-18C15CD-T331Z-JM	1.8kw	2	HUICHUAN	
servo motor bottom take bag power	MSIHI-10C30CB-T331Z	1.0kw	1	HUICHUAN	

servo motor puncher move up and down	MSIHI-10C30CB- T331Z	1.0KW	2	HUICHUAN	
servo motor puncher Parallel movement	MSIHI-10C30CB- T331Z	1.0KW	2	HUICHUAN	
Pulling non woven servo motor	MS1H3-18C15CD- T331Z-JM	1.8kw	2	HUICHUAN	
Bottom up and down insert servo motor	MSIHI-10C30CB- T331Z	1.0KW	2	HUICHUAN	
Side insert servo motor	MSIHI-10C30CB- T331Z	1.0KW	4	HUICHUAN	
Handle loop Pulling non woven servo motor	MS1H3-13C15CD- T331Z	1.3KW	2	HUICHUAN	
Feeding servo motor	MS1H3-13C15CD- T331Z	1.3KW	3	HUICHUAN	

Impression	FHB31118 (220VAC)	110B	2	Mige	
Take off bag	FHB31118 (220VAC)	110B	4	Mige	
Take off bag and orientation	FHB3913-H(220VAC)	90B	4	Mige	
Correction photocell	F57-H76 (48VDC)	57	3	Mige	
cutter	FHB31332 (220VAC)	130B	1	Mige	
Collect push bag	FHB31325 (220VAC)	130 A	1	Mige	
Step motor handle loop	FHB31115 (220VAC)	110A	2	Mige	
Step motor Bottom left and right	FHB31115 (220VAC)	110A	2	Mige	

Step motor EPC	F57-H76 (48VDC)	57	2	Mige	
Step motor sealing cutter	F57-H76 (48VDC)	57	4	Mige	
Step motor Scalding rotary	F57-H76 (48VDC)	57	4	Mige	
Step motor Scalding cutter positioning	F57-H76 (48VDC)	57	2	Mige	
Step motor bag open mouth Corrective Action	FHB31115 (220VAC)	110A	1	Mige	
Step motor ultrasonic positioning	FHB31115 (220VAC)	110A	2	Mige	

Step motor Positioning of raised frame	FHB3913-H(220VAC)	90B	1	Mige	
Feed asynchronous three-phase motor	0.75KW	Level 6 1000RPM	1	Lichao	
Handle loop feeding material three-phase motor	0.37KW	Level 6 1000RPM	2	Lichao	
Folding bag three- phase motor	1.5kw	Level 4 1440RPM	1	Lichao	
Inverter	FC300-1.5G-S2-B3	2.0KW	2	BEST	

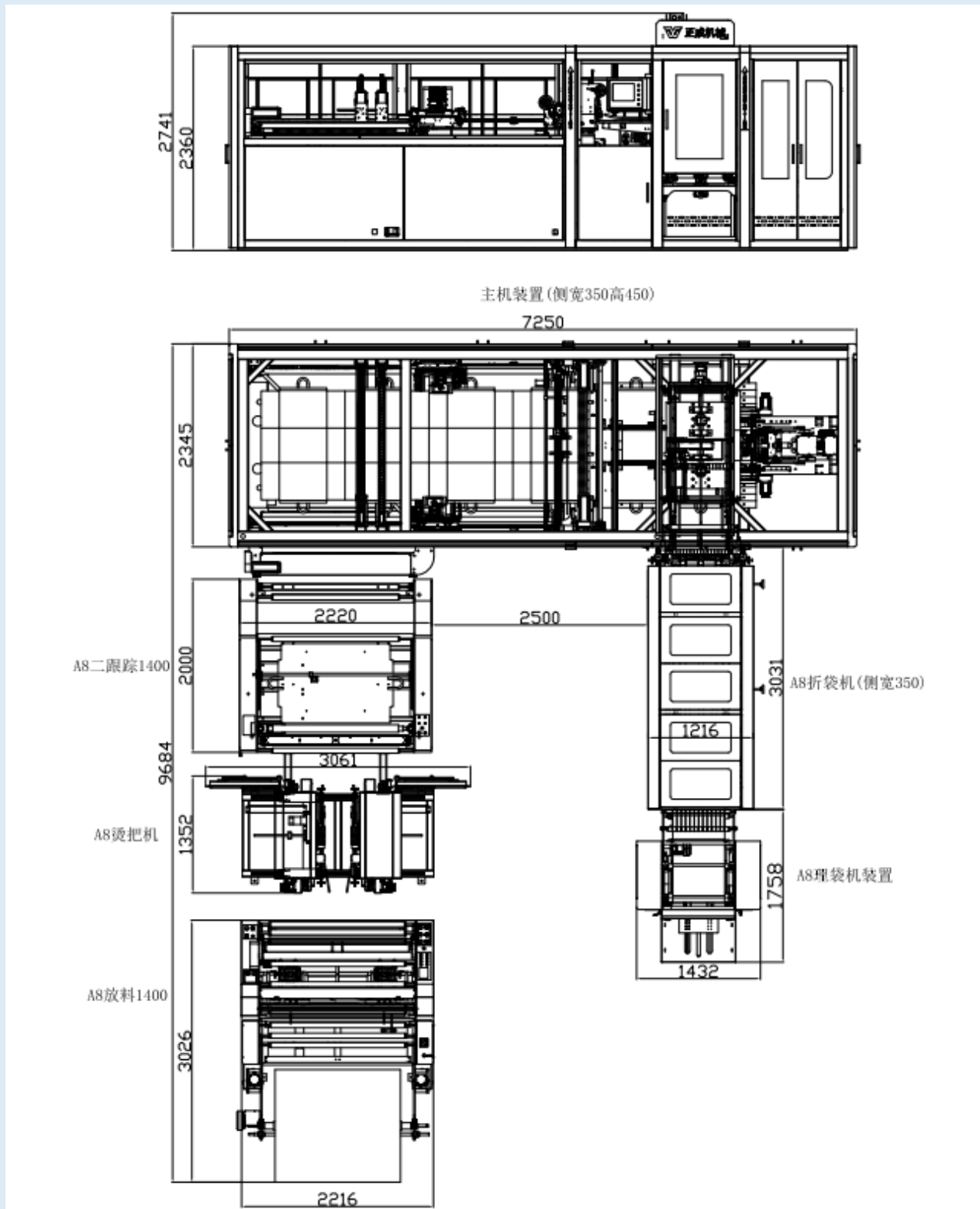
Inverter	E4-1.5G-2.2P-S2-B3	1.5KW	3	BEST	
Emboss wheel			2		
Handle loop seal			4		
Emboss wheel			2		
Folding bag equipment			1		
Collecting bag equipment			1		

EPC	GB-5		1		
Magnetic particle	5KG		1		
Correction propeller	90TDY060-T		1		
Cutter					
Puncher	115*50mm		2		
Puncher	190*50mm		2		
Air shaft					

Cylinder



Machine layout picture



Air compressor connection diagram



Spare parts list

S.N	Parts description	Specification	Quantity	Picture
1	Tool box(open-end wrench,screwdriver,adjustable spanner and so on)		1set	
2	Speed control board	600w	1pc	
3	Thermocouple	K-500mm	2pcs	

4	Heating tube	12*350mm	4pcs	
5	Timing belt		6pcs	
6	Spring	Each type	Total 400pcs	
7	Fan	120*120	2pcs	
8	Fan	150*170	2pcs	

9	Hall sensor	5002D	2pcs	
10	Electromagnetic valve	3V210-08-NC	1pcs	
11	Relay		2pcs	
12	Cylinder	MAC20*50	1pcs	
13	Sensor	H18	2pcs	
14	Sensor	LJ12	2pcs	



正威机械
ZHENGWEI MACHINERY

TEL:86-577-58808919 FAX:577-65923309

WEB: <http://www.bagmakemachine.com>
