

Fully Automatic 1+2 Face Mask Production Line Solutions

Company Introduction

Shanghai Biaozen was established in 2004 to provide professional packaging machines and mask machines to businesses and companies. Our goal is to help our customers & partners overcome packaging problems associated with daily chemical industry, pharmaceutical industry, food industry, etc. In these 17 years, we developed our products from one type to 5 categories, annual quantity from around 100 sets to 2000 sets. All these machines are certificated by CE.

Our Main Products Have 5 Categories:

1. Mask Machines (Flat Mask & N95 Mask Machines)
2. Box Packing Machines (Cartoning Machines)
3. Tube Filling Sealing Machines
4. Bottle & Jar Filling Capping Machine
5. Coffee Capsule & Cup Filling Sealing Machine

Why Choose Biaozen?

1. 17+ YEARS OF EXPERIENCE

Since 2004, Biaozen devoted all our time to the making of high end packaging machines and mask machines. We serviced over 1000 customers from the whole world.

2. BEST INDUSTRY EXPERTS

Biaozen's engineers not only satisfied with their present technologies, they are devoted to develop new and better ones.

3. EFFECTIVE SOLUTIONS

We are small company, but we response quickly, and can offer the complete solution in a short time.

4. CUSTOM-BUILD SYSTEM

Benefited greatly from rich industry experience, we offer effective custom-build service according to your personalized needs.

5. OVERSEAS COMMISSIONING

Our engineer is available to supply door to door service, resolving your worries.

6. PROTECTIVE PACKAGING

Protective packaging solutions guaranteed to keep your products safe!

7. AFTER-SALES SERVICE

Our engineer is available to supply door to door service for our customers and also they will tell our customer how to operate the machine. And also all of our engineers are ready for the service of the customer for 24 hours per day. We have sufficient spare parts stock and can meet your needs in time.

Factory & WorkShop Pictures



MACHINES OFFER DETAILS

NO	ITEM NAME	PICTURE	QTY	Model	Speed	SPECIFICATION
1 1+2 Automatic Disposable Medical Face Mask Making Machine-----80-100PCS/MIN						
101	Fully Automatic 1+2 Surgical Mask Machine (In Stock)		1 Set	BZKZ-100	70-110pcs/min	Model: BZKZ-100 Capacity: 70-110pcs/min Mask Specifications: 175*95mm Pass Rate: ≥99% Voltage: AC220V, 50/60Hz Machine Size(L*W*H): 4300*4100*2200mm Machine Weight: 1600KGS
2 Automatic Pillow Type Mask Bag Packing Machine-----60-220PCS/MIN						
201	Fully Automatic Pillow Type Mask Bag Packing Machine		2 Set	BZ-HFFS350	60-220pcs/min	Model: BZ-HFFS350 Packing Type: Pillow Type Capacity: 60-220pcs/min Sealing Method: Rotary End Sealing Packing Range: L:50-330mm, W:10-200mm, H:5-50mm Max Width of Film: 350mm Gross Power: 2.7KW Power Supply: 220V Weight: 650KGS Dimension: 4200*850*1500mm (L*W*H)
3 UV Sterilization						
301	2M UV Sterilization		2 Set	BZ-SJ-2000	/	Model: BZ-SJ-2000 Full Length of Equipment: 2000mm UV Working Area: 1000mm Feeding Operation Area: 500mm Discharge Operation Area: 500mm Entrance and Exit Height: 200mm (adjustable) The Entrance and Exit Width: 500mm Conveyor Belt: 750 ± 50mm
4 Automatic Mask Box Packing Machine-----40-60PCS/MIN						
401	Automatic Mask Box Packing Machine		1 Set	HTZH-100	40-60pcs/min	Model: HTZH-100 Productivity: 40-60pcs/min Box Size Range: L(55-220)*W(20-120)*H(12-70)mm Motor Power: 1.5KW Power Supply: 220V/380V/50Hz/60Hz Dimension(L*W*H): 3500x1500x1600mm Weight: About 1200KG

1. Full Automatic Mask Production Line 1+2

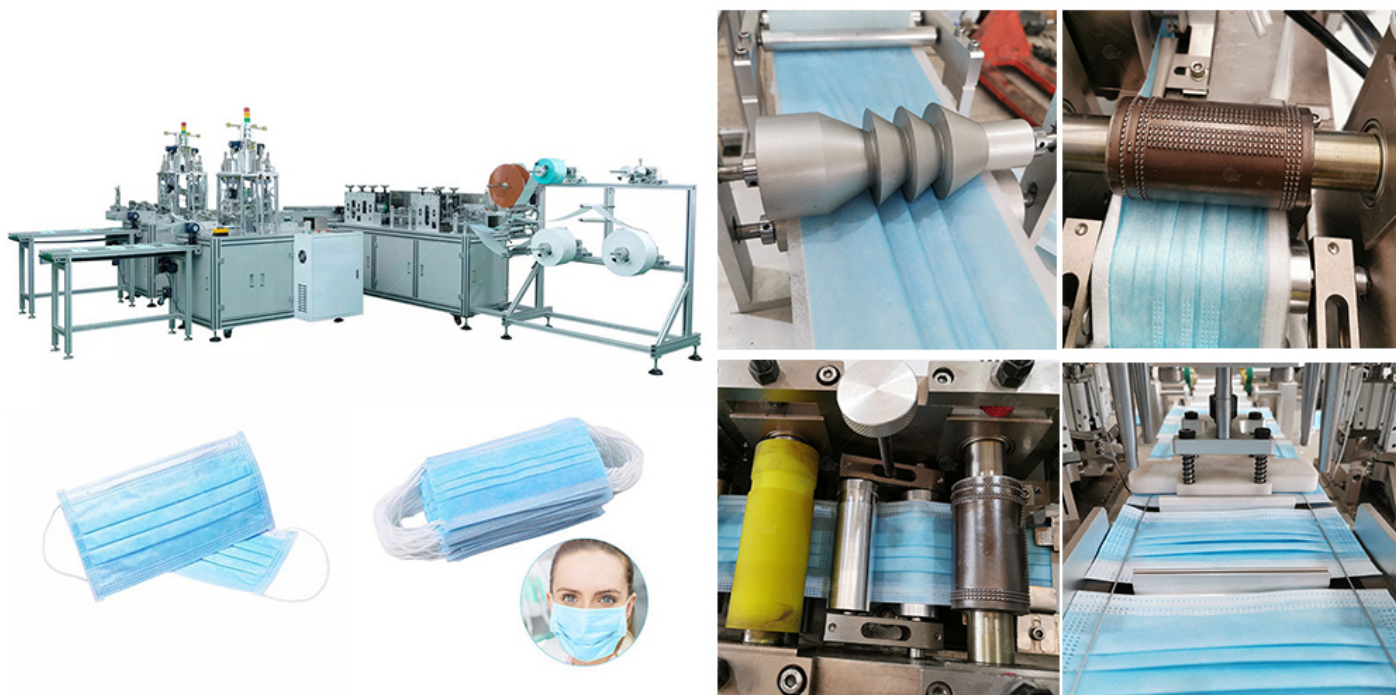
The high-end flat earloop full-automatic mask machine is a fully automated production of flat masks. It consists of a body plus two ear-spot spot welders, which mainly include coil material feeding, folding and pressing, nose bridge tendon feeding, and masks forming, mask cutting, ear band feeding and welding, finished product blanking and other processes complete the entire production process from the raw material of the coil to the finished mask. The produced masks are comfortable to wear, no pressure, good filtering effect of masks, fit the face shape of people, and can be used in medical, electronics, mining, construction and other industries.

1.1 PARAMETERS

Model	BZKZ-100
Capacity	70-110pcs/min
Mask Specification	175*95mm
Applicable	Double, triple, medical and general masks
Electric Control	PLC
Control Panel	Touch Screen
Voltage	AC220V, 50/60Hz
Power	11KW
Pass Rate	≥99%
Machine Size(L*W*H)	4300*4100*2200mm
Machine Weight	1600KGS

1.2 FEATURES

- 1) Fully automatic, high performance and save labor cost.
- 2) Servo motor controls the ear band machine, fast and stable, low failure rate.
- 3) PLC control board, easy operation.



2. Automatic Mask Bag Packing Machine

This mask bag packing machine is suitable for pillow bag packaging of various masks such as 3m masks, n95 masks, medical masks, surgical masks, non-woven masks, disposable masks.

2.1 PARAMETERS

Model	BZ-HFFS350
Capacity	60-220pcs/min
Packing Type	Pillow Type
Sealing Method	Rotary End Sealing
Packing Range	L: 50-330mm, W: 10-200mm, H: 5-50mm
Max Width of Film	350mm
Power Supply	220V, 2.7KW
Compressed Air Pressure	0.5-0.7Mpa
Compressed Air Consumption	> 0.36 (m3/h)
Weight	650KGS
Overall Dimension	4200*850*1500mm (L*W*H)

2.2 FEATURES

- 1) Dual-frequency conversion control, bag length can be set and cut in one step, saving time and films.
- 2) Interface features are easy and quick setting and operating.
- 3) Self-diagnosis failure function, clear failure display.
- 4) High sensitivity photoelectric eye color tracing, numerical input of cutting sealing position for extra accuracy.
- 5) Temperature independent PID control, more suitable for packing different materials.
- 6) Positioned stop function, without sticking a knife or wasting film.



3. UV Sterilization

Sterilization parameters UV irradiation sterilization method to sterilize products, can effectively kill the microwave organisms (such as E. coli, mold) or reduce the total number of bacteria and thus the food sterilization effect.

3.1 PARAMETERS

Model	BZ-BZ-SJ-2000
Full Length of Equipment	2000mm
UV Working Area	1000mm
Feeding Operation Area	500mm
Discharge Operation Area	500mm
Entrance and Exit Height	200mm (adjustable)
The Entrance and Exit Width	500mm
Total Power	1.5KW
Mesh Belt Inorganic Speed Regulation Range	0-5m/min
Working Voltage	220V, 50Hz

3.2 STERILIZATION PARAMETERS

Item	Name	100% Kill Time (Seconds)	Item	Name	100% Kill Time (Seconds)
Bacteria	Bacillus Anthracis	90	Virus	Flu Virus	70
	Tetanus	83		Phagic Cytovirus	53
	Coliform	62		Round Virus	86
	Staphylococcus Aureus	94		Hepatitis B Virus	210
	Salmonella	98		Aike Virus	173
	Shigella	75		Blue-green Algae	213
Mycotic Spore	Aspergillus	105	Algae	Nematode	101
	Dung Fungus	99		Paramecium	131
	Mucor Fungus	89		Protozoa	126
	Aspergillus Niger	78		White Spot Disease	205
			Fish Disease	Viral Bleeding	179

4. Automatic Mask Box Packing Machine

HTZH-100 automatic box packing machine is intelligent, intermittent automatic cartoning equipment, maximum speed up to 60 boxes/min. This machine is suitable for automatic feeding and packing of food, medicine, daily chemical, entertainment, hardware and other articles. The automatic feeding mechanism is easy to adjust, and the box loading speed can be arbitrarily set on the operation screen. The whole process of on-line material inspection, paper tongue packaging at both ends of the carton (also suitable for hot melt adhesive), missing material elimination and finished product output is completed automatically.

4.1 PARAMETERS

Model	HTZH-100
Productivity	40-60pcs/min
Carton Size Range	L(55-220)mm*W(20-120)mm*H(12-70)mm
Carton Paper Requirements	250-450g/m3
Instructions Size Range	L(100-260)mm×W(100-190)mm
Manual Paper-Based Requirements	55-70g/m3
Motor Power	1.5KW
Power Supply	220V, 50Hz
Air Consumption	120-160L/min
Dimension(L*W*H)	3500×1500×1600mm
Weight	About 1200KG

4.2 FEATURES

- 1) Products not packed into the right position, machine stop, and alarm. If no box, the machine delayed stop and alarm.
- 2) Air pressure and vacuum pressure too low, machine stop and alarm.
- 3) A back pusher device is more convenient.
- 4) Automatic display packing speed, fault, and count.



After-Sales Service:

After the equipment arrives at the customer's site, the customer is responsible for unpacking and arranging the equipment according to the placement drawing; and does under our install-adjust technicians' guidance. The costs of the staff are decided at last.

Training

- © We are responsible for offering technical training to the user. The training content includes the structure and maintenance of the equipment, control, and operation of the equipment. Through training, users' technical staff can grasp and the skill of operation and maintenance proficiently, and deal with the general troubles in time. We will appoint qualified technical staff for guidance.
- © The buyer can send staff to our company for learning.

Quality assurance

- © We guarantee the goods offered are brand-new, not used, with the latest design and suitable material made, and we guarantee the specification of the equipment is consonance with the contract.
- © We guarantee the line achieves product technical performance indicators within 2 days after feeding operation through the correct guidance of the installation and commissioning.
- © We are responsible for the fault and damage of the production line caused by our design, technology, manufacture, installation, adjustment, and material defect, etc. that all belong to our responsibility.
- © The warranty period is 12 months after the acceptance check of the production line. If there is any difference between the furnished equipment in the customer' factory and the equipment concerned in the contract, the users have the right to pass the inspection book to the legal department to claim compensation to our company within the goods warranty period.

Warranty

Offer 12 months maintenance period to the problem caused by our design, manufacture and material quality, and offer the relevant parts and effective service for free for the above reason. We will offer widely and favorable technical support, after service all the time after the guarantee period.