

A dark, grayscale image of the Shanghai skyline, featuring prominent buildings like the Oriental Pearl Tower and the Shanghai Tower, serving as a background for the top half of the page.

SHANGHAI BIAOZAN INDUSTRIAL CO.,LTD.

Shanghai Biaozen has established good and strategic partnership with branded partners and clients in the packaging industry. Welcome to Biaozen world and build win-win operation.

Product Catalogue 2022

ABOUT US



Shanghai Biao Zan Industrial Co., Ltd., a leading manufacturer of high-performance solutions, equipment and packaging machinery for industry. Shanghai Biao Zan engineers and implements packaging equipment. These are custom, turnkey solutions for customers, manufacturers and companies in the pharmaceutical, consumer (food, cosmetics, chemical), beverage, and other sectors. Over 20+ years of experience allow us to tailor our customer's packaging machines and packaging equipment to their exact needs.

Our product portfolio includes specialized, semi-automatic, automatic and continuous packaging equipment, packaging machines and packaging solutions. These solutions are for filling, packaging and production. In addition, we manufacture complete packaging lines and turn-key equipment.

WHAT MAKES BIAOZAN DIFFERENT



17+ YEARS OF EXPERIENCE

Since 2004, BiaoZan devoted all our time to making high end filling sealing packaging machines. We serviced over 1000 customers from the whole world.



BEST INDUSTRY EXPERTS

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



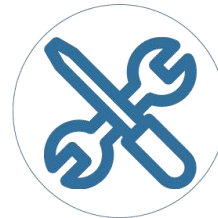
EFFECTIVE SOLUTIONS

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



CUSTOM-BUILD SYSTEM

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



OVERSEAS COMMISSIONING

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



AFTER-SALES SERVICE

All of our engineer is 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.

WORKSHOP DISPLAY



WORKSHOP DISPLAY



SERVICE BRAND



PRODUCTS



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Tube Filling Sealing Machine

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Automatic Box Packing Machine

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Coffee Capsule & Cup Filling Sealing Machine

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Automatic Bottle Filling Machine

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Automatic Labeling Machine



01

Tube Filling Sealing Machine

Tube filling sealing machine is widely used in pharmaceutical, cosmetic, food and chemical industries etc. Various products that can be filled by these tube filling machines such as cream, paste, liquid, adhesives, grease, sauce, & others. The tube filler sealer is mechanotronics mechanical-electrical integration, use multiple introduction technology and controlled by PLC, it can complete tube feeding, local color code, filling, sealing and tube out automatically simultaneously.

HTGF-50 Semi-Auto Tube Filling Sealing Machine

Technical Data

Productivity:	20-30pcs/min
Filling Volume:	8-250ml (change pump)
Filling Accuracy:	$\leq \pm 1\%$
Tube Diameter:	10-50mm (change molds)
Tube Length:	50-200mm (customized)
Sealing Type:	Heating (Plastic), Folding (Aluminum)
Max Power:	2KW (Plastic), 1.5KW (Aluminum)
Voltage:	220V/380V, 50/60Hz
Hopper Capacity:	40L
Control:	PLC Control + Touch Screen
Feature:	No Tube No Filling
Dimension (L*W*H):	1200*800*1600mm
Weight:	About 500KG
Applications:	Toothpaste, Ointment, Paste Food, Cosmetics, Hair-Dyeing, Adhesive, Art Palette, etc.



HTGF-50 Automatic Tube Filling Sealing Machine



Technical Data

Productivity:	20-30pcs/min
Filling Volume:	8-250ml (change pump)
Filling Accuracy:	$\leq \pm 1\%$
Tube Diameter:	10-50mm (change molds)
Tube Length:	50-200mm (customized)
Sealing Type:	Heating (Plastic), Folding (Aluminum)
Max Power:	2.0-3.3KW (Plastic), 1.5KW (Aluminum)
Voltage:	220V/380V, 50/60Hz
Hopper Capacity:	40L
Control:	PLC Control + Touch Screen
Feature:	No Tube No Filling System
Dimension (L*W*H):	1000*800*1600mm
Weight:	About 600KG
Applications:	Toothpaste, Ointment, Paste Food, Cosmetics, Hair-Dyeing, Adhesive, Art Palette, etc.

HTGF-80 Automatic Tube Filling Sealing Machine

Technical Data

Productivity:	30-80pcs/min
Filling Volume:	5-200ml (change pump)
Filling Accuracy:	$\leq \pm 1\%$
Tube Diameter:	10-50mm (change molds)
Tube Length:	210mm (The Max.)
Sealing Type:	Heating (Plastic), Folding (Aluminum)
Max Power:	2KW (Plastic), 3.3KW (Aluminum)
Voltage:	280V/380V/50Hz/60Hz
Control:	PLC Control System
Display:	Touch Screen Display
Feature:	No Tube No Filling
Dimension (L*W*H):	2270*960*2100mm
Weight:	About 850KG
Industries:	Cosmetics, Pharmaceutical, Dairy, Foodstuff, Adhesives, etc.



Technical Data

Productivity:	80-100 tubes/min
Filling Volume:	$\leq \pm 1\%$
Filling Accuracy:	5-200ml (change pump)
Tube Diameter:	11-40mm (change molds)
Tube Length:	50-230mm (customized)
Hopper Capacity:	50L
Sealing Type:	Heating (Plastic), Folding (Aluminum)
Max Power:	7.5KW (Plastic), 1.5KW (Aluminum)
Voltage:	280V/380V/50Hz/60Hz
Control:	PLC Control System
Display:	Touch Screen Display
Dimension (L*W*H):	2170*1100*2100mm
Weight:	About 1300KG
Features:	Applies to the striped toothpaste filling, double color and three-color.

HTGF-160 High Speed Tube Filling Sealing Machine

Technical Data

Productivity:	120-150pcs/min
Filling Volume:	5-250ml (change pump)
Tube Diameter:	10-50mm (change molds)
Tube Length:	230mm (The Max.)
Filling Accuracy:	$\leq \pm 1\%$
Sealing Type:	Heating (Plastic), Folding (Aluminum)
Max Power:	9.5KW (Plastic), 2.3KW (Aluminum)
Voltage:	380V 50Hz
Control:	PLC Control System
Display:	Touch Screen Display
Dimension (L*W*H):	3147*1555*2267mm
Weight:	About 3800KG
Features:	Can be customized for 4 heads filling, high speed, high performance.





02

Automatic Box Packing Machine

A wide range of box packing machines for diverse performance ranges, branches and applications complete our portfolio of packaging machines. Our automatic box packing machine, cartoning machine convince by their compact and modular design and manufacture and are successfully used in cosmetic, pharmaceutical, household and food industries both as individual machine and part of a complete packaging line.

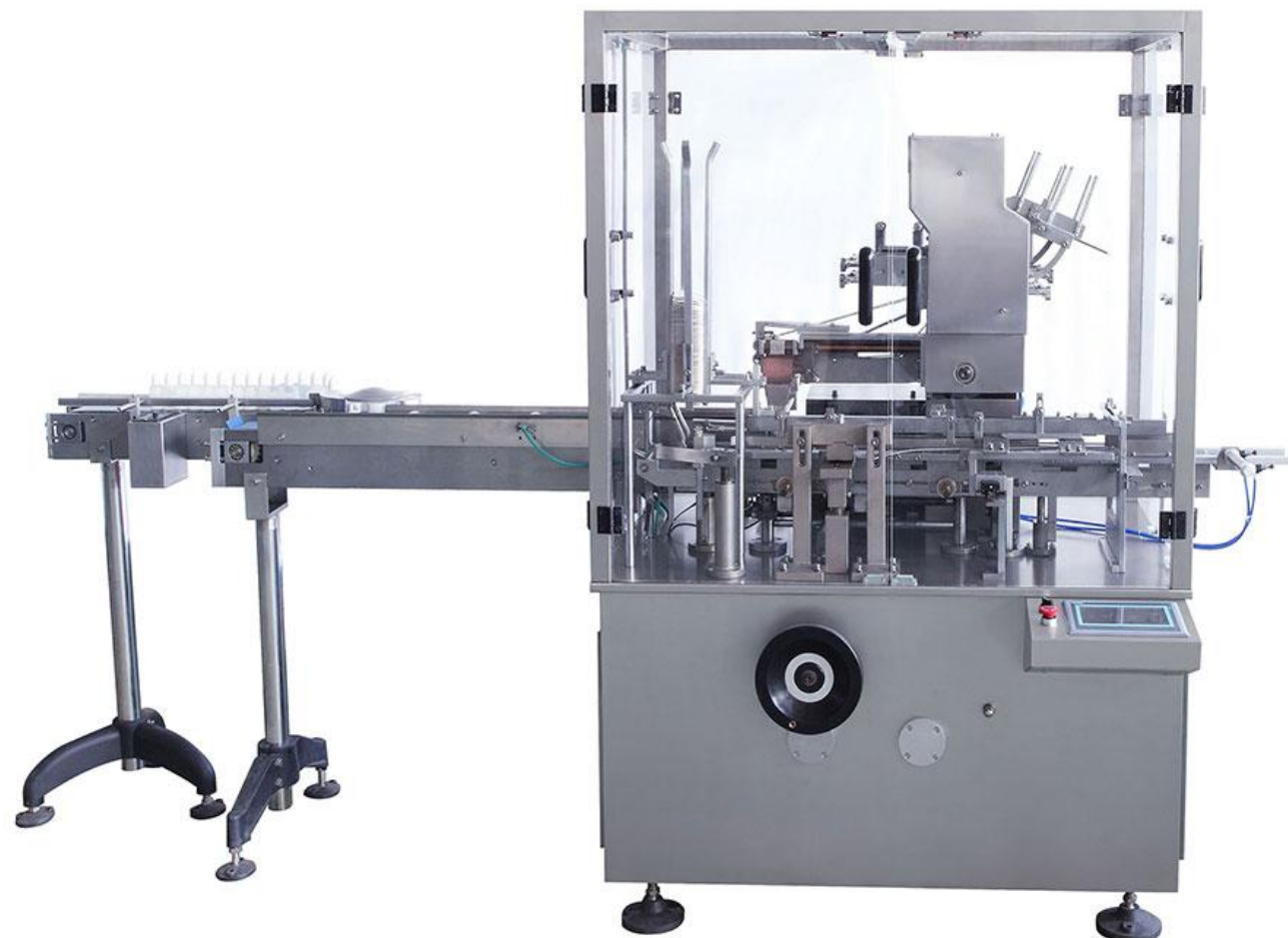


Technical Data

Productivity:	20-40boxes/min
Maximum Box Size:	250mm*78mm*78mm (L*W*H)
Minimum Box Size:	60mm*25mm*25mm (L*W*H)
Carton Paper Requirements:	250-350g/m2
Motor Power:	1.5KW
Power Supply:	220V, 50/60Hz
Compressed Air:	0.5-0.8 Mpa
Air Consumption:	150L/min
Dimension(L*W*H):	1400*900*1450mm
Weight:	About 250KG
Features:	Low Cost and Small Floor Space

Technical Data

Productivity:	40-80pcs/min
Box Size Range (L*W*H):	(50-210)mm* (20-90) mm*(20-90)mm
Box Paper Requirements:	250-350g/m2
Motor Power:	1.5KW
Power Supply:	220V/380V/50Hz/60Hz
Compressed Air:	0.6MPa
Air Consumption:	50-70L/min
Dimension(L*W*H):	1000*1250*1500mm
Weight:	About 950KG
Applications:	Eyedrop, E-Liquid, Vial, Medicine, Essential Oil, Nail Polish Bottles, etc.



HTZH-100 Automatic Box Packing Machine



Technical Data

Type:	Intermittent
Speed:	30-60pcs/min
Box Size Range (L*W*H):	(50-250)mm*(20-170)mm*(15-70)mm
Box Paper Requirement:	250-450g/m ³
Leaflet Size Range:	L(100-260)mm*W(100-190)mm
Leaflet Paper Requirements:	55-70g/m ³
Compressed Air Pressure:	1.5KW
Air Consumption:	120-160L/min
Machine Noise:	≤80dB
Voltage:	220V/380V/50Hz/60Hz
Motor Power:	1.5KW
Machine Size (L*W*H):	3500×1500×1600mm
Weight:	About 1200KG
Applications:	Food, Medicine, Daily Chemical, Entertainment, Hardwar, etc.

Technical Data

Type:	Continuous
Box Speed:	60-80pcs/min
Box Size Range (L*W*H):	(50-250)mm*(20-170)mm*(15-70)mm
Box Paper Requirements:	250-450g/m ³
Leaflet Size Range:	L(100-260)mm*W(100-190)mm
Leaflet Paper Requirements:	55-70g/m ³
Motor Power:	1.5KW
Power Supply:	220V/380V/50Hz/60Hz
Machine Noise:	≤80dB
Gas Source:	0.5-0.8Mpa
Air Consumption:	120-160L/min
Dimension(L*W*H):	3500×1500×1600mm
Weight:	About 1400KG
Applications:	Pharmaceuticals, Food, Household Chemicals, Hardware, and Electrical Industries for the Packaging of Blisters, Bottles, Vials, Pillow Packs, Toothpaste, etc.





Technical Data

Speed:	100-200 boxes/min
Box Quality Requirement :	250-350g/m2
Box Range:	L(70-200)*W(35-75)*H(15-70)mm
Leaflet Quality Requirement:	60-70g/m2
Unfolded Leaflet Specification:	L(80-250)mm×W(90-170)mm
Fold Range:	(L×W) [1-4]Fold
Compressed Air Pressure:	≥0.6MPa
Main Motor Power:	5KW
Air Consumption:	120-160L/min
Voltage:	380V/50Hz
Machine Size (L*W*H):	4800*1600*1860mm
Weight:	3000KG
Features:	High Speed, High Performance.

03

Coffee Capsule & Cup Filling Machine

Coffee Capsule & Cup Filling Sealing Machine is automatic high-speed sealing machine. From drop cups, filling, put the film, print dates, sealing to out are all automatic operation. The electrical and pneumatic components are all using famous brands (can be also customized by customers' requirements), with stable quality, long life. It is mainly used in the products packing like: coffee powder, tea powder, water, yogurt, honey, sauce and so on.



Technical Data

Production Capacity: 600-1800 cups/h

Cup Capacity: 5-50g

Tank Capacity: 30L

Accurate: $\leq \pm 1\%$

Heating Power: 1KW

Gas Consumption: 0.6 cubic meters/min

Control: PLC Control System

Display: Touch Screen Display

Feature: No Cup No Filling

Power Source: 220V, 50Hz

Dimensions (L*W*H): 1250*1250*1650mm

Weight: 250KG

Sealing Film: Plastic Roll Film, Plastic Pre-Cut Film, Aluminum Pre-Cut Film

Suitable for: Coffee Powder Products, Tea Powder, Cocoa Powder, etc.

Applicable Capsules: Compatible Nespresso, Dolce Gusto, Lavazza Blue, Point, POD, K-CUP, Kshot, One Cup

Linear Coffee Capsule Filling Sealing Machine



Front View



Side View

MODELS

Model	NC-4/KC-4	NC-6/KC-6	NC-8/KC-8	NC-10/KC-10	NC-12/KC-12
Speed	3000-4000cups/h	4000-5000cups/h	5000-6000cups/h	6000-7000cups/h	7000-8000cups/h
Filling Capacity	5-30ml	5-30ml	5-30ml	5-30ml	5-30ml
Power	4KW	4.5KW	5KW	5.5KW	6KW
Voltage	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Air Consumption	0.65m³/min	0.68m³/min	0.70m³/min	0.73m³/min	0.78m³/min
Machine Size	3500*800*1750mm	3500*1100*1750mm	3900*800*1750mm	3900*1100*1750mm	3900*1300*1750mm
Machine Weight	800KGS	900KGS	950KGS	1000KGS	1100KGS

CHARACTERISTICS

- The whole machine with advanced design, reasonable structure, reliable performance.
- Automatic operation, the production rate can be adjustable, simple and safe operation, increase productivity, reduce labor costs.
- Photocell eye calibration, ensure the accuracy of filling.
- Twice of sealing, the pressure of sealing can be adjustable. Can be sealed according to customer' requirements for easy to tear and not easy to tear, which embodies a higher level of human design.
- The sealing edges are smooth and flawless.
- The machine can be customized according to customer' needs and add other auxiliary functions.

Automatic Rotary Cup Filling Sealing Machine



Technical Data

Production Capacity:	600-800cups/hour
Cup Capacity:	50-300ml
Sealing Diameter:	Customized
Tank Capacity:	30L
Heating Power:	1KW
Gas Consumption:	0.6 cubic meters/min
Power Source:	220V, 50Hz
Dimensions (L*W*H):	1250*1250*1650mm
Weight:	250KG
Applicable Cups:	Plastic Cups, Paper Cups
Applications:	Beverage, Milk, Yogurt, Dairy Products, Soy Products, Fruit Frozen Brewing, etc.

Automatic Linear Cup Filling Sealing Machine



Front Side



Back Side

MODELS

Model	HTC-4	HTC-6	HTC-8	HTC-10
Speed	3000-4000 cups/h	5000-6000 cups/h	7000-8000 cups/h	9000-10000 cups/h
Filling Range	50 to 300ml	50 to 300ml	50 to 300ml	50 to 300ml
Voltage	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Power	3.5KW	5KW	6KW	7.5KW
Air Consumption	0.6m ³ /min	0.7m ³ /min	0.8m ³ /min	0.9m ³ /min
Dimensions (L*W*H)	3300*710*1700mm	3800*710*1700mm	3800*850*1700mm	4000*800*1700mm
Machine Weight	700KGS	800KGS	1000KGS	1200KGS

CHARACTERISTICS

- The complete process flow is fully automatic.
- PLC control can keep the machine work stably.
- Machine frame uses u-steel with waterproof and rust prevention process, out packed by stainless steel #304.
- All components are from famous brand company, all of them are produced under strict standards, so their quality are amazing good.
- Moving molds are made by aluminum material , extraordinary durable and sanitary.
- Twice of sealing, the pressure of sealing can be adjustable. Can be sealed according to customer' requirements for easy to tear and not easy to tear, which embodies a higher level of human design.



04

Automatic Bottle Filling Machine

Our featured bottle filling machine is capable of automatically packaging different liquid viscosities (gels, liquid serums, creams, powders, and more) into numerous plastic container designs, styles, and volume sizes.



Technical Data

Production Capacity:	30-70 bottles/min
Filling Capacity:	5-50ml
Filling Accuracy:	±1%
Capping Rate:	≥98%
Voltage:	220V, 50Hz
Power:	2KW
Gas Consumption:	0.6m ³ /min
Dimensions (L*W*H):	2500*1450*1650mm
Weight:	About 600KGS
Features:	No-Bottle-No-Filling System
Suitable for:	Eyedrop, E-Liquid, Essential Oil, Vial, Spray, Nail Polish, Disinfectant, Alcohol, etc.

Technical Data

Production Capacity:	20-40pcs/min
Filling Capacity:	10-50ml, 50ml-100ml, 100-150ml
Filling Accuracy:	±1%
Capping Rate:	≥98%
Voltage:	220V/380V/50Hz/60Hz
Power:	2KW
Gas Consumption:	0.6m ³ /min
Dimensions (L*W*H):	2000*1000*1600mm
Weight:	About 800KGS
Features:	No-Bottle-No-Filling System
Applications:	Widely used in the liquid, cream, paste packaging of pharmaceutical, food, pesticide, chemical, cosmetics, and other industries.



Rotary Powder Bottle Filling Capping Machine



Technical Data

Production Capacity:	20-50 bottles/min
Filling Range:	2-500g
Filling Accuracy:	$\leq \pm 1\%$
Filling Method:	Auger Filling
Capping Rate:	$\geq 99\%$
Gas Supply:	1.3m ³ /h 0.4-0.8Mpa
Features:	No-Bottle-No-Filling System
Voltage:	220V/50Hz
Power:	2KW
Machine Size:	2200*1000*1600mm
Weight:	500KG

Technical Data

Production Capacity: 3500-7500 bottles/hour

Filling Capacity: 10-100ML

Filling Accuracy: $\pm 1\%$

Filling Heads: 4, 8 or customized

Capping Heads: 1, 2 or customized

Voltage: 220V/50Hz

Power: 2KW

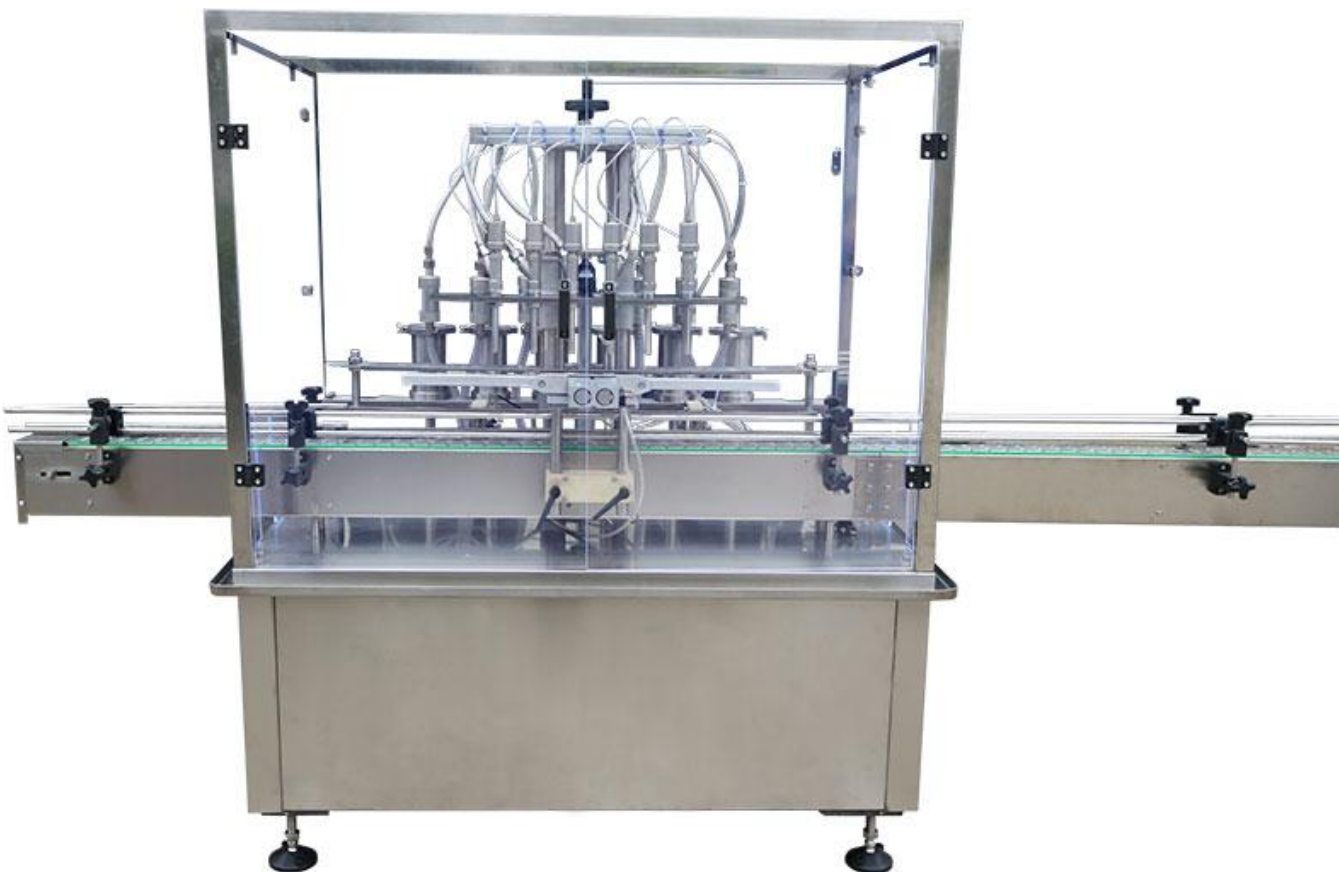
Dimensions (L*W*H): 2500*1300*1600 mm

Weight: About 600KGS

Features: No-Bottle-No-Filling System

Applications: Mainly used in pharmaceutical, medical, food, chemical, and other industries tinctures, syrups, and all kinds of wine, oils and other liquid fillings.





Technical Data

Production Capacity: 1000-8000BPH

Filling Nozzles: 2, 4, 6, 8 or customized

Voltage: 220V/50Hz

Air Pressure: 0.5-0.7Mpa

Gas Consumption: 0.3-0.8m³/min

Machine Size: 2200*1000*1500mm

Filling Range: 30-100ml, 30-300ml, 50-500ml,
100-1000ml, 500-2500ml, 1000-5000ml

Application: Pharmaceutical, Food, Dairy, Chemical,
Cosmetic and Beverages

The background of the slide is a dark, blue-tinted photograph of an industrial automatic labeling machine. The machine features a central rotating platform with several vertical support columns and various mechanical components like rollers and sensors. The lighting is somewhat dim, highlighting the metallic surfaces of the machinery.

05

Automatic Labeling Machine

Biaozan's range of labeling machines can be used for labeling on-the-fly, while rotating, on sides, top and bottom of products in accordance with required production rate.



Vertical Round Bottle Labeling Machine

This machine is applied to label the self-adhesive label on various round bottles or containers. This machine is widely used in pharmaceutical, foodstuff, beverage, cosmetic, chemical and etc. industries.

Technical Data

Labeling Precision:	±1mm
Labeling Speed:	2400-6000BPH (related to product size)
Product Size Applicable:	$20 \leq \text{Diameter} \leq 80\text{mm}$
Label Size Applicable:	$15 \leq \text{Width} \leq 150\text{mm}$, $\text{Length} \geq 20\text{mm}$
Power Supply:	220V 50/60Hz, 1KW
Equipment Dimensions:	2000*650*1500mm (L*W*H)
Weight:	250KG
Application Fields:	Pharmaceutical, Beverage, Cosmetic, Chemical, etc.

Horizontal Bottle Labeling Machine

Fully Automatic, User Friendly, Double Side Sticker Labeling Machine, suitable for label all kinds round/square/flat shape/taper and all kinds aspherical things and packing container. It can be single used in the producing line, it can label the single side also can be connected with filling capping machine, inkjet printer, packing machine.

Technical Data

Precision:	±1.0mm (products, labels, error not included)
Labeling Speed:	80-250pcs/min (related to the product size)
Applicable Product Diameter:	Ø10mm~Ø 30mm
Apply Label Size:	Length: 20mm ~ 100mm, Width: 20mm ~ 130mm
Apply Labels Inside Diameter:	Ø76mm
Apply Labels Outside Diameter:	Ø240mm
Power:	220V/50Hz
Dimensions (L*W*H):	1900*650*1450mm
Weight:	200KG
Apply Labels:	Non-Drying Label, Dry Film, Bar Code, etc.



Double Side Labeling Machine

Fully Automatic, User Friendly, Double Side Sticker Labeling Machine, suitable for label all kinds round/square/flat shape/taper and all kinds aspherical things and packing container. It can be single used in the producing line, it can label the single side also can be connected with filling capping machine, inkjet printer, packing machine.

Technical Data

Drive:	Step/Servo Motor Drive
Direction:	Right/Left
Labeling Speed:	0-180pcs/min
Bottle Diameter:	Φ30-130mm
Bottle Height:	H: 40-400mm
Label Size:	Width:15-150mm, Length:15-300mm
Precision:	±1mm (Subject roundness and vertical of the bottle)
Label Roll:	Max: 300mm
Label Core:	Stander: 76mm
Power:	AC110V/220V, 50/60Hz
Dimension (L*W*H):	2800*1500*1530mm
Weight:	500KG



Flat Labeling Machine

Automatic Flat Labeling Machine is applied to label the self-adhesive label on various flat surface products, as books , file folders, cases, cartons , bags, etc. This machine is widely used in electrical , pharmacy, foodstuff, beverage, cosmetic and chemical etc industries.

Technical Data

Labeling Speed:	40-120pcs/min
Labeling Precision:	±1mm
Product Size Applicable:	15≤Width≤250mm, Length≥10mm
Label Size Applicable:	15≤Width≤150mm, Length≥10mm
Thickness:	0.2mm ~ 80mm
Use Electricity:	110/220V 50/60Hz
Equipment Dimensions:	1600*800*1400mm (L*W*H)
Weight:	180KG

SHANGHAI BIAOZAN INDUSTRIAL CO.,LTD.

With Biaozan's knowledge, your packaging machine and equipment requirements are solved. Automate your packaging with Biaozan and lower labor costs and other production area expenses.

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