

Honest, Technique, Quality



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**EZpack**<sup>®</sup>

**DESIGN & MANUFACTURING OF  
PACKAGING SYSTEMS**

Packing and filling solution



## Honest, Technique, Quality

EZpack is a machinery factory focusing on R&D, manufacturing and continuous improvement of packaging equipment. The main customer groups are the food industry, biotechnology industry and pharmaceutical industry. The offerings cover the field from bottle scrambling, rinsing, filling, tablet counting, capping, labeling and so forth, all designed and manufactured in house. EZpack keeps up with the latest development of the packaging industry and invests heavily in designing composite membrane packaging equipment. With the effort going continuously, more and more powder-, liquid-, paste- and tablet-related packaging equipment are to be added into our product portfolio, offering our clients with a more diverse packing solution. Aside from bottle and pouch related packaging techniques, EZpack is also capable of leveraging its flexible and efficient RD momentum to assist clients in production process optimization and tailored automation consultancy.

Resolving clients' problems with professional consultancy and enthusiastic service is the demonstration of EZpack's principle. In a fast-moving generation, speed and knowledge is the key to success. Becoming your strategic partner and being part of your growth through a speedy, precise and professional service is what we devote to accomplishing.

EZpack creates a cohesive team morale and environment where all the members are passionate, positive and proactive in engaging with their works. The inherent spirit magnifies itself amongst our team members and expands inside out to embody on EZpack's unparalleled service and quality.



## PRODUCT INDEX

### FLEXIBLE PACKAGING SOLUTION

EZ-280BY / EZ-560BY / EZ-840BY	Multilane Machine for Lique	06
EZ-280BF / EZ-560BF / EZ-840BF	Multilane Machine for Powder	07
EZV-P1	Single-Lane Machine for Powder	08
EZV-L1	Single-Lane Machine for Lique	09
EZS-H130	Bag-Making Horizontal Form Fill Seal Machine	10
EZP-R700	Rapid Screening Reagent Packaging Machine	11
EZR10-202	Servo Motor Rotate Form Fill Seal Machine	12

### BOTTLE PACKAGING SOLUTION

EZF-P2208	Centrifugal Tube Filling Machine	14
EZC-V700	Vacuum Capping Machine	15
EZC-W500	Side-Warp Capping Machine	16
EZC-P2404	Sharp-Angle Ring Automatic Feeding & Pressing Machine	17
EZT-40B	Tablet Tube Filling Machine	18
EZL-B20 / EZL-S700	Labeling Machine	19
EZL-C500	High-Speed Label Counting Machine	20

### OPTIONAL ACCESSORIES

21

### OTHER PRODUCTS

Cartoning Machine	22
Robotic Application	22
Machine Vision Inspection	22



3 Taiwan Patents



1 U.S. Patent

### Service Items

  
Mechanical Engineering

  
PLC/HMI Programming

  
Electrical Engineering

  
Spare Parts Service

  
Preventive Maintenance

With constant dedication, innovation and pursuit for excellence, EZpack never stop enhancing its designing and manufacturing competitiveness that is required of the demanding expectation. We offer automatic liquid / tablet / paste filling equipment that workable for pouch / bottle or customized container applications. Through the years-cumulated experience and database, EZpack expects itself to provide clients with a more reliable and competitive packing system.

# APPLICATION INTRODUCTION

EZpack packaging machine, a complete solution for different industries.



Granule



Solid Matter



Powder



Liquid



Paste

## Pharmaceutical



## Biotechnology



## Foodstuffs



## Cosmetics





# FLEXIBLE PACKAGING SOLUTION



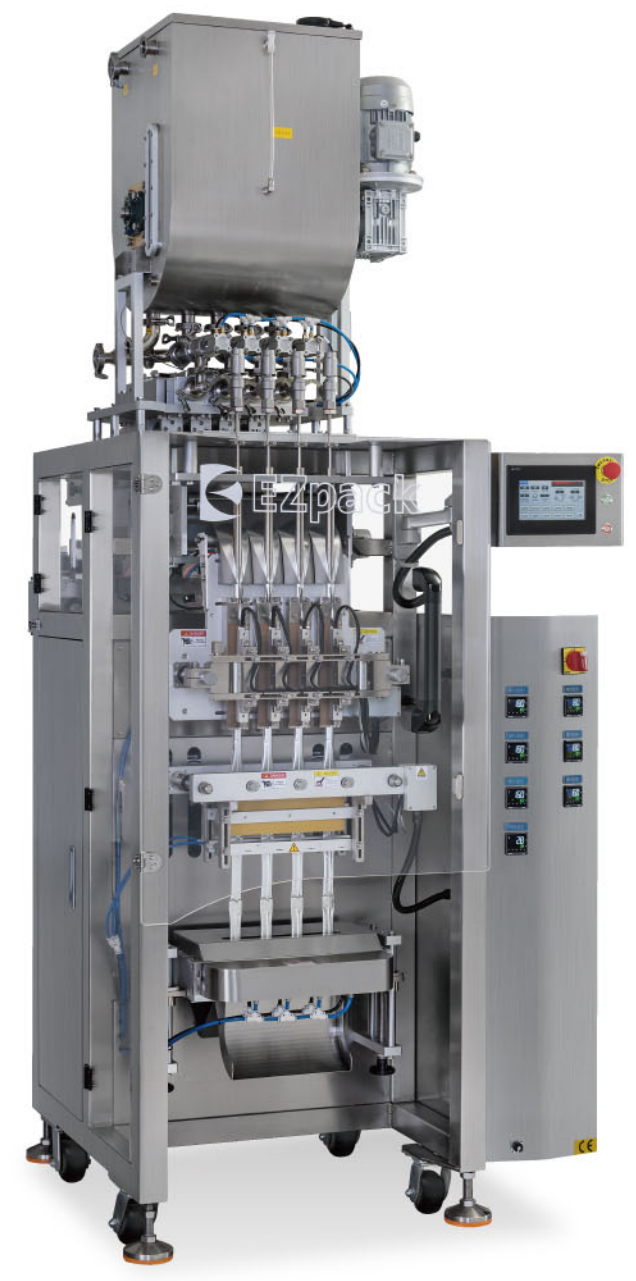
## Multilane Machine for Lique

EZ-280BY / EZ-560BY / EZ-840BY

### Introduction

VFFS

- Suit to liquid: Mouthwash / Shampoo / Cream / Oil / Sauce / Jelly / Paste.
- The packaging machine can automatically complete bag-making, printing, metering filling, back sealing, pressing waterproof lines, sealing, easy-tear notch cutting, and round corner punching. The touchscreen allows direct setting of bag length and temperature segments, as well as product formula memory function.
- With servo film pulling and servo filling systems, it ensures process stability and product accuracy. The design includes a single-channel micro-dosing adjustment mechanism for adjusting the filling quantity in a single channel.



Model	EZ-280BY	EZ-560BY	EZ-840BY
Number of Lanes	4-6 Lanes	8-12 Lanes	8-12 Lanes
Filling Type	Piston / Peristaltic / Ceramic / Rotary Pump		
Packaging Speed	Up to 40 cuts per minute		
Bag Making Size	L: 50-180 mm / W: 17-65 mm	L: 50-180 mm / W: 17-90 mm	L: 50-180 mm / W: 17-100 mm
Film Width & Thickness	Max. 280 mm / 0.08-0.10 mm	Max. 560 mm / 0.08-0.10 mm	Max. 840 mm / 0.08-0.10 mm
Bag Making Type	Back Seal / Three-Side Seal / Four-Side Seal		
Sealing Method	Flat Cut / Zig Zag / Round Cut		
Air Requests & Power Supply	0.8 MPa / 0.8 m <sup>3</sup> /min, 3.5 kW	0.8 MPa / 0.8 m <sup>3</sup> /min, 5.5 kW	0.8 MPa / 0.8 m <sup>3</sup> /min, 6.5 kW
Machine Dimension & Weight	1385 × 918 × 2800 mm, 350 kg	1685 × 1300 × 2800 mm, 550 kg	1885 × 1500 × 2800 mm, 650 kg

# Multilane Machine for Powder

EZ-280BF / EZ-560BF / EZ-840BF

## Introduction

VFFS



- The powder filling and packaging machine utilizes servo screw, measuring cup, disc feeder, and other methods for measurement. It automatically performs bag-making, filling, sealing, printing, easy-tear notch cutting, and finished product conveying. It is suitable for various food powder and granule products such as pharmaceuticals, probiotics, collagen powder, nutritional supplements, and instant granules.
- Equipped with a film detection mechanism, it provides early notification to operators for film replacement, avoiding wastage of film material. The machine utilizes servo film pulling and precise photoelectric detection system to ensure accurate and consistent product dimensions. Optional features include a dust removal system and water cooling system for high dust and high sugar content powder products.



Model	EZ-280BF	EZ-560BF	EZ-840BF
Number of Lanes	2-6 Lanes	3-12 Lanes	4-18 Lanes
Filling Type	Short Auger / Long Auger / Short with Cup / Volumetric Cup		
Packaging Speed	Up to 30 cuts per minute		
Bag Making Size	L: 50-180 mm / W: 17-65 mm	L: 50-180 mm / W: 17-90 mm	L: 50-180 mm / W: 17-100 mm
Film Width & Thickness	Max. 280 mm / 0.08-0.10 mm	Max. 560 mm / 0.08-0.10 mm	Max. 840 mm / 0.08-0.10 mm
Bag Making Type	Back Seal / Three-Side Seal / Four-Side Seal		
Sealing Method	Flat Cut / Zig Zag / Round Cut		
Air Requests & Power Supply	0.8 MPa / 0.8 m <sup>3</sup> /min, 4 kW	0.8 MPa / 0.8 m <sup>3</sup> /min, 6 kW	0.8 MPa / 0.8 m <sup>3</sup> /min, 7 kW
Machine Dimension & Weight	1400 × 1000 × 3500 mm, 350 kg	1685 × 1300 × 3500 mm, 550 kg	1885 × 1500 × 3500 mm, 900 kg

# Single-Lane Machine for Powder

EZV-P1

## Introduction

VFFS



- The powder packaging machine is designed for packaging powder and granular products. It offers various bag width options with interchangeable formers for different production needs. The machine is equipped with a metering filling system tailored to the specific characteristics of the powder or granules, ensuring optimal packaging results. It supports three-side seal, four-side seal, and back seal bag formats, and can even accommodate custom shapes for unique branding effects.
- Made of stainless steel (SS#304, SS#316) or plastic materials, the equipment meets food hygiene standards. It automates bag-making, metering, filling, sealing, printing, easy-tear notch cutting, and finished product output processes. It is suitable for packaging various powders such as coffee, medicine, probiotics, and biotech food products. The servo film pulling and servo screw systems ensure accurate film feeding and precise metering, resulting in visually appealing products. Optional features, like a vacuum feeder, can be added for efficient material supply.



Model	EZV-P1
Filling Type	Short Auger / Volumetric Cup
Packaging Speed	Up to 30 cuts per minute
Bag Making Size	L: 60-150 mm / W: 20-100 mm
Bag Making Type	Back Seal / Three-Side Seal / Four-Side Seal
Sealing Method	Flat Cut / Zig Zag / Round Cut / Irregular Shape Cut
Air Requests & Power Supply	0.8 MPa / 0.8 m <sup>3</sup> /min, 3 kW
Machine Dimension & Weight	1080 (L) × 1000 (W) × 2200 (H) mm, 250 kg

# Single-Lane Machine for Lique

EZV-L1

## Introduction

VFFS

- The single-column liquid packaging machine is designed for packaging liquid and viscous products with flowability. It offers different options for bag width, allowing for switching production with interchangeable formers (excluding the back sealing model). Depending on the characteristics of the liquid, a suitable filling system is used for accurate metering and filling. Packaging options include three-side seal, four-side seal, and back seal formats, and custom shapes can also be created to achieve product differentiation and brand identity in the market.
- The main structure of the equipment is made of stainless steel (SS#304, SS#316) or plastic materials, ensuring compliance with food hygiene standards. The machine automates bag-making, metering, filling, sealing, printing, easy-tear notch cutting, and finished product output processes. The servo film pulling system ensures stable and precise film feeding, resulting in visually appealing products.



Model	EZV-L1
Filling Type	Piston / Peristaltic / Ceramic / Rotary Pump
Packaging Speed	Up to 30 cuts per minute
Bag Making Size	L: 60-150 mm / W: 20-100 mm
Bag Making Type	Back Seal / Three-Side Seal / Four-Side Seal
Sealing Method	Flat Cut / Zig Zag / Round Cut / Irregular Shape Cut
Air Requests & Power Supply	0.8 MPa / 0.8 m <sup>3</sup> /min, 3 kW
Machine Dimension & Weight	1080 (L) × 1000 (W) × 2200 (H) mm, 250 kg

# Bag-Making Horizontal Form Fill Seal Machine

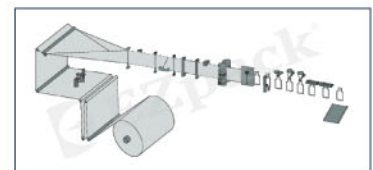
EZS-H130



## Introduction

HFFS

- The bag-making horizontal packaging machine can select a suitable unloading system when packaging different materials to ensure the accuracy of the filling amount. The adjustable range of packaging specifications and sizes is highly flexible and can produce diversified packaging. The horizontal bag making machine can realize three-side sealing, four-side sealing, special-shaped bags, zipper bags, spout bags, stand-up bags and other forms of laminated bags. The shape and sealing texture can also be customized according to needs.
- Utilizes Japanese servo systems, cam structure linkage, and German vacuum pumps to ensure stable high productivity.
- Depending on material characteristics, it can be equipped with screw filling, piston filling, vibrating feeder trays, electronic combination scales, and counting machines for measurement.
- Can be set for orderly stacking output and can be equipped with various replenishment systems.
- Equipped with various detection functions such as film absence detection, material shortage detection, no fill without bag opening, and empty bag rejection.
- Utilizes Japanese control and servo systems, with independent PID digital temperature control systems in each section to ensure stable conditions for filling, bag making, and heat sealing.



Form-Fill-Seal Process

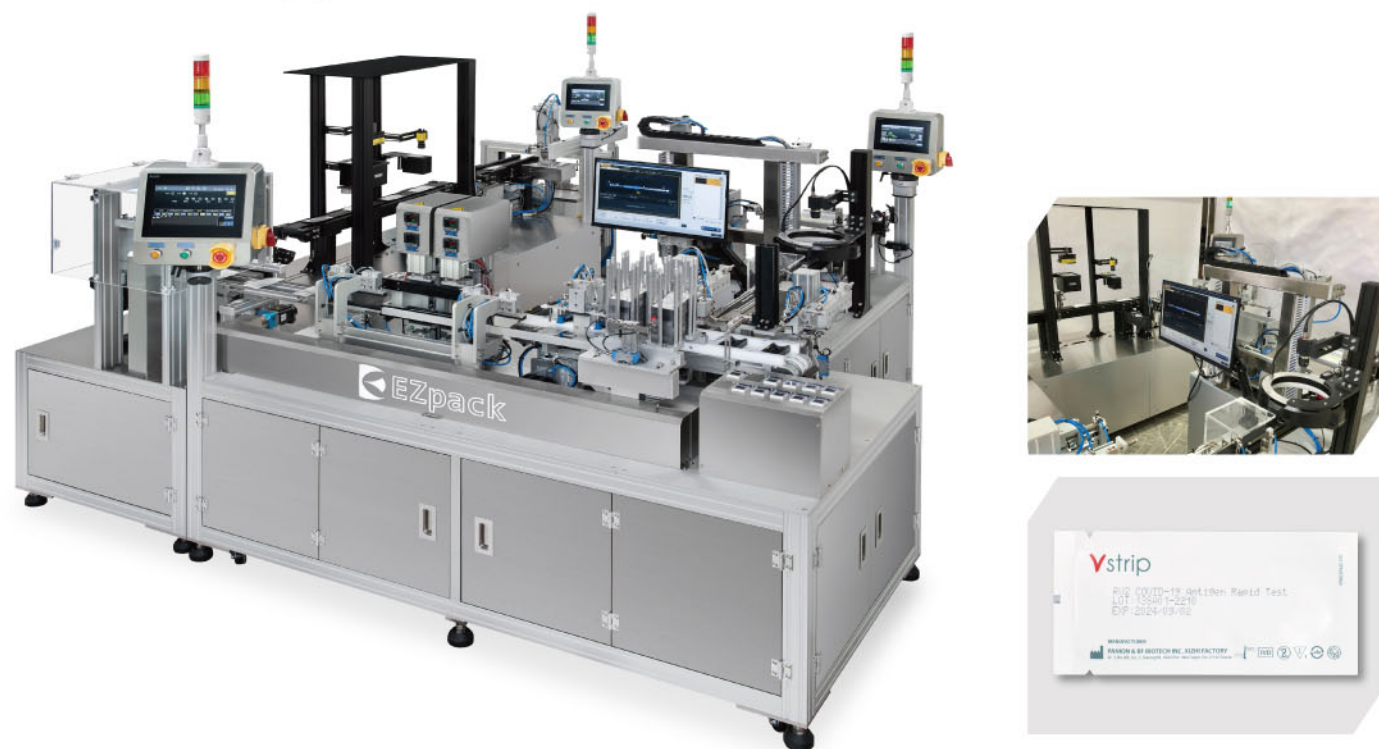


Pre-Made Pouch Process

Model	EZS-H130
Capacity	30-60 bags/min
Bag Making Size	L: 80-220 mm / W: 50-130 mm
Bag Making Type	Three-Side Seal / Four-Side Seal / Special Shapes
Bag Making Pattern	Diamond Pattern / Dot Pattern
Film Roll Size	Outer Diameter: 400 mm / Inner Core: 76 mm / Width: Max. 440 mm
Machine Dimension & Weight	4300 (L) × 1100 (W) × 1600 (H) mm, 1500 kg

# Rapid Screening Reagent Packaging Machine

## EZP-R700



HFSS

### Introduction

- 01 Automatic Feeding of Fitting Cards
- 02 Automatic Positioning and Cutting of Strips
- 03 Defect Detection of Test Strips
- 04 Pick and Place of Test Strips
- 05 Pick and Place of Drying Sheets
- 06 Bag Retrieval / Bag Opening / Bag Insertion / Sealing
- 07 Missing Part Detection
- 08 Defect Detection of Aluminum Bags
- 09 Automatic Counting and Stacking
- 10 Automatic Bundling

<b>Model</b>	<b>EZP-R700</b>
<b>Capacity</b>	1200-1500 persons/hr
<b>Material Single Feeding Quantity</b>	60 Sheets for Large Cards / 300 Pieces for Desiccants / >500 for Aluminum Foil Bags
<b>Accuracy of Test Strip Cutting</b>	±0.2 mm
<b>CCD Visual Misjudgment Rate</b>	Depending on the content of product defect detection.
<b>Residual Material at The End of Large Cards</b>	≥20 mm (Determined by whether there is enough space to cut another strip at the end of the large card.)
<b>Cutting Strip Width Setting</b>	3.2-5 mm
<b>Compatibility Width of Desiccants</b>	Customized for each product.
<b>Compatibility Width of Aluminum Foil Bags</b>	
<b>Size of Large Cards</b>	
<b>Power Supply</b>	AC 220 V, 60 HZ, 5.5 kW
<b>Air Requests</b>	0.5-0.8 MPa / 2.1 m <sup>3</sup> /min
<b>Machine Dimension &amp; Weight</b>	3500 (L) × 2700 (W) × 2000 (H) mm, 1.3 T (Including automatic strip cutting packaging, CCD defect removal, and automatic bundling.)

# Servo Motor Rotate Form Fill Seal Machine

## EZR10-202



RFSS

### Introduction

- No cam mechanism design. The turntable shaft, bag picking, bag opening, filling... and other stations adopt independent modules and are independently driven by servo systems. The working time of each station is independently controlled according to needs without cam control, and there is no need to lubricate and maintain the cam structure.
- The bag feeding turntable adopts servo and high-performance divider. The positioning point of high-speed rotation is accurate and stable. The turntable speed can be automatically sensed and adjusted according to the filling speed adjustment.
- The servo drive of each station makes the equipment more compatible with other equipment in the front and rear sections. The full servo system is also one of the application trends of output data collection in the whole factory.



- 01 Bag Loading System
- 02 PLC Control System
- 03 Bag Opening System
- 04 Filling System
- 05 Cleaning System
- 06 Transition System
- 07 Vacuum System
- 08 Vacuum Diversion Control System
- 09 Hot Air Control System
- 10 Output System
- 11 Vacuum Chamber

<b>Model</b>	<b>EZR10-202</b>
<b>Capacity</b>	50-80 bags/min
<b>Bag Making Size</b>	L: 100-380 mm / W: 80-200 mm
<b>Bag Making Type</b>	Three-Side Seal / Four-Side Seal / Stand-Up Pouches / Zipper Bags
<b>Bag Making Pattern</b>	Straight Grain + Diamond Pattern
<b>Filling Type</b>	Powder / Granule / Liquid / Solid Matter
<b>Noise</b>	≤70 dB
<b>Power Supply</b>	220 V, 1 ph, 60 HZ
<b>Air Requests</b>	0.6 MPa / Consume: 300 L/min
<b>Machine Dimension &amp; Weight</b>	1650 (L) × 1450 (W) × 1450 (H) mm, 1200 kg

# Centrifugal Tube Filling Machine

EZF-P2208



## Introduction

Filler / Capper

- This equipment is developed by Yixing Machinery specifically for filling centrifuge tubes with caps. It includes automatic bottle feeding, bottle alignment, cap orientation, filling, capping, inspection, and discharge.
- It utilizes a high-precision stepper filling system, suitable for high-precision micro-filling requirements in the range of 0.1 ml to 10 ml. Commonly used in the pharmaceutical and biotechnology industries for micro-filling processes.



# BOTTLE PACKAGING SOLUTION ▶



Model	EZF-P2208
Container	Centrifugal Tube
Filling Range	0.1-10 ml
Capacity	20-30 bpm
Power Supply	AC 220 V, 1 ph, 3.5 kW
Air Requests	8 kg/cm <sup>2</sup>
Machine Dimension & Weight	1320 (L) × 1510 (W) × 1890 (H) mm, 300 kg

# Vacuum Capping Machine

## EZC-V700



### Introduction

#### Filler / Capper

- EZC-V700 Vacuum Capping Machine is suitable for all glass threaded bottle orifices; Can products with tinned claws, such as sauce, canned fish, canned fruit, peanut butter, canned bird's nest..., etc.
- The main structure of the whole machine is made of stainless steel and plastic steel. The capping system adopts servo system. The torque can be set, controlled and stored on the man-machine interface.
- According to the different bottle type can be selected with a variety of customized quick disassembling jig, quickly switch the production of different products, improve the flexibility of OEM packaging industry to receive orders, switching products do not need to adjust the machine, man-machine interface integration of multiple groups of formula memory function, vacuum value can be set.



Model	EZC-V700
Vacuum Value	≥-0.08 MPa
Bottle Diameter	30-80 mm (Customized)
Bottle Height	50-150 mm (Customized)
Capacity	20-25 bpm
Power Supply	220 V, 1 ph, 60 HZ, 1.5 kW
Air Requests	0.6 m <sup>3</sup> /h
Machine Dimension & Weight	750 (L) × 700 (W) × 1495 (H) mm, 150 kg

# Side-Warp Capping Machine

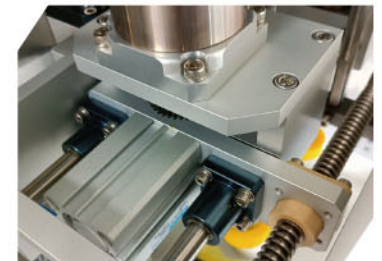
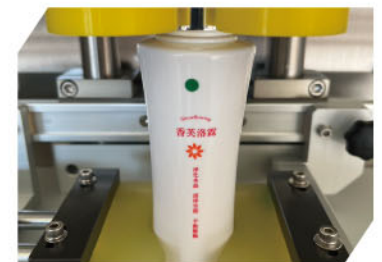
## EZC-W500



### Introduction

#### Filler / Capper

- Servo-controlled cap tightening torque can be adjusted.
- Mitsubishi 7-inch full-color HMI (Human-Machine Interface).
- Cap height and width can be adjusted using a rotating handwheel without the need for tools.
- Multiple start-up modes available: foot pedal start, HMI button start, or optional automatic sensing start.
- The machine body is made of SUS304 stainless steel and aluminum alloy. The mechanism adopts German igus patented dynamic engineering plastic, which has unique self-lubricating properties, eliminating the need for oil maintenance. It is clean and aesthetically pleasing.



Model	EZC-W500
Bottle Cap	Ø 28-80 mm
Bottle Body	Ø 28-90 mm (Customized)
Bottle Height	60-210 mm
Capacity	8-15 bpm (Varies by Operator)
Power Supply	220 V, 1 ph, 60 HZ, 1.5 kW
Air Requests	0.6 m <sup>3</sup> /h
Machine Dimension & Weight	500 × 475 × 870 mm, 80 kg

# Sharp-Angle Ring Automatic Feeding & Pressing Machine

EZC-P2404



Filler / Capper

## Introduction

- Automatically aligns and selects sharp corner rings, assembles them with the bottles, and presses them.
- Mitsubishi 7-inch full-color HMI (Human-Machine Interface).
- The machine body is made of SUS304 stainless steel and aluminum alloy. The mechanism adopts German igus patented dynamic engineering plastic, which has unique self-lubricating properties, eliminating the need for oil maintenance. It is clean and aesthetically pleasing.
- Safety protection cover.



<b>Model</b>	EZC-P2404
<b>Direction</b>	Bottles are fed in from the left and exit from the right.
<b>Brand</b>	MITSUBISHI
<b>Capacity</b>	20-30 bpm
<b>Power Supply</b>	220 V, 1 ph, 60 HZ, 1.7 kW
<b>Air Requests</b>	0.6 MPa
<b>Machine Dimension</b>	1537 (L) × 1240 (W) × 1792 (H) mm

# Tablet Tube Filling Machine

EZT-40B



Filler / Capper

## Introduction

- Suitable for the packaging process of orderly stacking round tablets into straight tube bottles. PLC control is adopted, with a simple structure design, stable operation, and easy cleaning. It can automatically perform tablet feeding, bottle feeding, cap feeding, counting, and defect detection and rejection.
- The equipment will alarm and stop automatically in case of abnormal conditions such as missing tablets, bottles, or caps.
- The contact material for tablets is SUS316L stainless steel. Before bottling, the air inside the bottle is filtered and air washed to ensure compliance with GMP requirements.
- Optional labeling and printing systems are available for full automation, making it an ideal solution for tablet packaging in pharmaceutical, health supplement, and food factories.



<b>Model</b>	EZT-40B
<b>Capacity</b>	30-35 bpm
<b>Power Supply</b>	220 V, 1 ph, 60 HZ, 2.0 kW
<b>Air Requests</b>	0.3 m <sup>3</sup> /min
<b>Machine Dimension &amp; Weight</b>	2450 (L) × 1650 (W) × 1850 (H) mm, 480 kg

# Labeling Machine

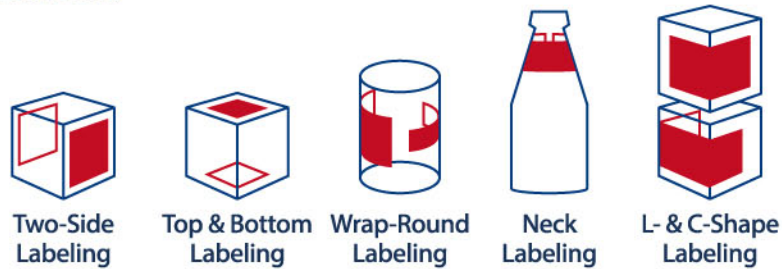
EZL-B20 / EZL-S700



## Introduction

### Labeler / Label Counter

- EZL-B20 is an easy, intuitive semi-automatic labeling machine to apply the tamper-evident label to the side of the carton tuck-in flap.
- It is designed as an off-line system for semi-automatic operation. It is quick, easy and safe to operate, with the active movement being totally under operator control. Minimum capital outlay. High-quality applicator for consistent label placement. Maintenance-free design with robust construction.



Model	EZL-B20 (Semi-Automatic)	EZL-S700 (Fully Automatic)
Working Size of Labels	Rectangular Label Size: 10-30 (L) × 10-30 (W) mm Round Label Diameter: 10-30 mm	Customized
Label Thickness	0.09-0.1 mm	0.09-0.1 mm
Label Roll Max	Ø 220 mm	Ø 300 mm
Suitable for Inside Diameter	3 inch / 76.4 mm	3 inch / 76.4 mm
Capacity	25 pcs/min	25-30 pcs/min
Power Supply	AC 110/220 V, 1 ph, 60 HZ	AC 220 V, 1 ph, 60 HZ
Machine Dimension	500 (L) × 240 (W) × 250 (H) mm	1470 (L) × 1100 (W) × 1700 (H) mm

# High-Speed Label Counting Machine

EZL-C500



## Introduction

### Labeler / Label Counter

- High-speed Label Counting Machine is applicable to the labeling process of multiple, a wide variety of label volumes, the need to use the remaining number of labels in each volume of the industry records clearly, the label record data are integrated with the large size of the full-color Human Machine Interface, the operation surface is very simple, the operator can easily operate within a short time, the implementation of the label volume digital management.
- The machine is made of stainless steel and aluminum alloy. The maintenance is simple and easy. The double servo system can achieve high speed and stable quality.



Model	EZL-C500
Label Roll Max	Ø 300 mm
Suitable for Inside Diameter	3 inch / 76.4 mm
Capacity	500 pcs/min
Power Supply	AC 220 V, 1 ph, 60 HZ
Machine Dimension & Weight	655 (L) × 500 (W) × 618 (H) mm, 20 kg

# OPTIONAL ACCESSORIES

## 01 Liquid Filling System



## 03 Hopper Feeder



## 05 Linear Weigher



## 07 Servo Screw Filling System



## 02 Z-type Elevator Feeder



## 04 Computer Combination Weigher



## 06 Jig Circular Feeding System



## 08 Screw Elevator



# OTHER PRODUCTS

## CARTONING MACHINE

Introduction

### Pouch Alignment / Bottle Alignment

- Cartonng automation can be customized according to customer demand.
- From product counting, box forming, back cover, cartonng, sealing, stack, the whole production line automation can greatly reduce the labor cost, improve the quality and stability of packaging.

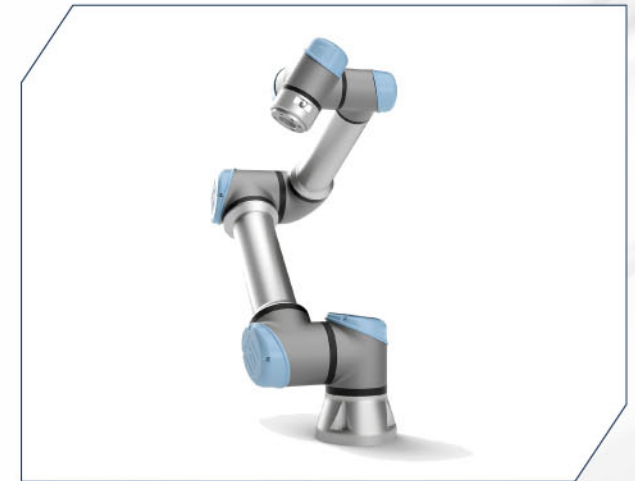
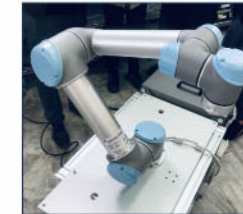


## ROBOTIC APPLICATION

Introduction

### Universal Robots

- In addition to the packaging equipment industry technology, EZpack also has the integration of SCARA / 6-axis mechanical arm collaborative application of technology and experience, whether it is in the labeling work, cartonng work, testing work, product Tray... And other relevant application solutions have a wealth of practical experience.



## MACHINE VISION INSPECTION

Introduction

### AI Deep Learning & CCD

- Using visual sensing equipment (industrial cameras) with image recognition software for subtractive detection. Through the detection assistance of machine vision, the subtle defects on the product are screened out and eliminated. According to the difference in product characteristics and test results. Plan a suitable visual elimination import process to greatly reduce the outflow rate of defective products.

