

# Double-head, Four-scale Granule Filling Line

## Özellikler :

Fiyat	Contact Us
Marka Ad?	Hanyi
Üretim Yeri	Shanghai, China
Minimum Sipari? Miktar?	1 set
Ödeme ?artlar?	T/T
Teslimat Detay?	5 days - 20 days
Paketleme Detaylar?	Standard export wooden case or carton box

## Detayl? Tan?m :

**Product Range:** Particles with better fluidity

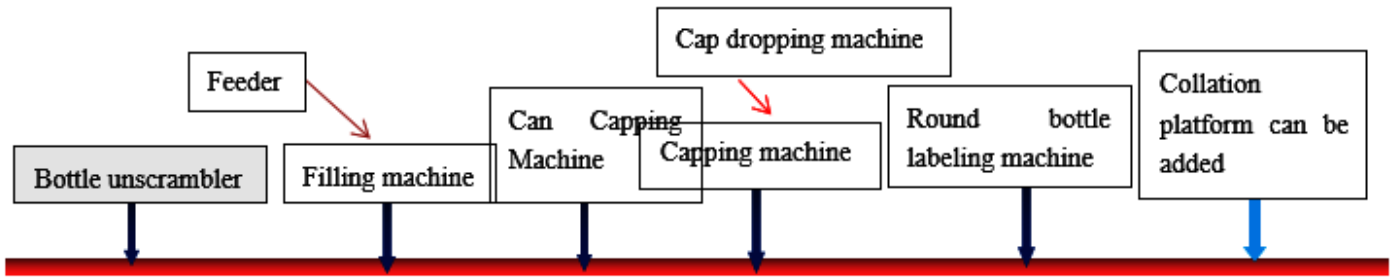
**Capacity Range:** 100-500g

**Container Size:** Glass bottle or plastic bottle

**Project Introduction:** According to customer requirements, this project will manually put the bottles to the production line. The double-head four-scale vibrating filling will automatically position and fill, and the automatic capping machine will automatically drop and cap.

**Product Range:** All kinds of particles (mainly small particles with good fluidity)

**Conveying Method:** POM chain plate conveying



## Production line equipment configuration:

No.	Machine Name	Qty
1	Bottle unscrambler	1

2	Feeder	1
3	Bucket elevator	1
4	Automatic cap dropping and capping machine	1
5	Ink printer	1

## Description of Main Products:

### 1. Bottle Unscrambler

Suitable for automatic separation and automatic transmission of round and square bottles, compatible with plastic bottles and glass bottles. The conveyor belt that is connected to labeling machine, filling machine and capping machine can automatically feed bottles to improve efficiency; It can be applied to the middle junction of the production line as a buffer platform to reduce the length of the conveyor belt.

The diameter of the applicable bottle can be adjusted freely, and it is compatible with peeling bottles and plastic bottles. The bottle conveying speed is 30~200 bottles/minute, and the speed can be adjusted steplessly, which is convenient for production arrangements.

### Technical parameters:

Applicable product diameter (round bottle) and height: diameter: 20mm~130mm

Height: 20mm~150mm

Weight (kg): about 60kg

Frequency (HZ): 50HZ

Voltage (V): 220V

Power (w): 120W

Equipment dimensions: (length×width×height) 1330mm×830mm×1100mm

### Working principle:

The turntable of the bottle unscrambling machine drives the products to rotate automatically, under the fluctuation of the bottle unscrambling plate, the products gradually approach the edge of the glass turntable, and then are led out orderly along the slot of the unscrambler.

### Features of high-speed bottle unscrambler:

1. Suitable for automatic separation and automatic transmission of round and square bottles, compatible with plastic bottles and glass bottles. The conveyor belt that is connected to labeling machine, filling machine and capping machine can automatically feed bottles to improve efficiency. It can be applied to the middle junction of the production line as a buffer platform to reduce the length of the conveyor belt.

2. The applicable bottle range can be adjusted freely, the bottle conveying speed is 30~200 bottles/min, and the speed can be adjusted steplessly, which is convenient for production arrangement.

### 2. Double-head Four-scale Granule Filling Machine

The four-scale granule packaging machine is a quantitative packaging machine which is mainly composed of electronic scales, additional feeding mechanism and electronic control device. It is widely used in the quantitative packaging of granules and powders with good fluidity such as salt,

monosodium glutamate, washing powder, sugar, pesticides, etc., with simple operation, convenient application, reliable performance, time-saving and labor-saving. Four-weight blanking, double-vibration blanking.

**Main Purposes:**

A. Quantitative packaging of granular and powdery materials such as pesticides, fertilizers, veterinary drugs, feeds, premixes, additives, washing powder, salt, monosodium glutamate, chicken essence, sugar, seeds, rice, etc.

B. Quantitative packaging of materials that are not suitable for unsuitable feeding methods such as spirals, turntables, etc.

**Functions:**

1. Accurate Weighing - The electronic scale is automatically calibrated when turned on. High-precision electronic scale weighing
2. Fast speed - each scale is fed by dual vibrators or pneumatic gates
3. Low noise - no mechanical transmission
4. Strong corrosion resistance - all sus material
5. Inductive bag connection - photoelectric sensor, no connection or release
6. Low power consumption - the power of the double-head weigher does not exceed 500W
7. Alarm for out-of-tolerance weight
8. Weighing error can be automatically corrected
9. The amplitude and voltage of the vibrator can be adjusted

**Technical parameters:**

Power supply: 220V

Power: 250W

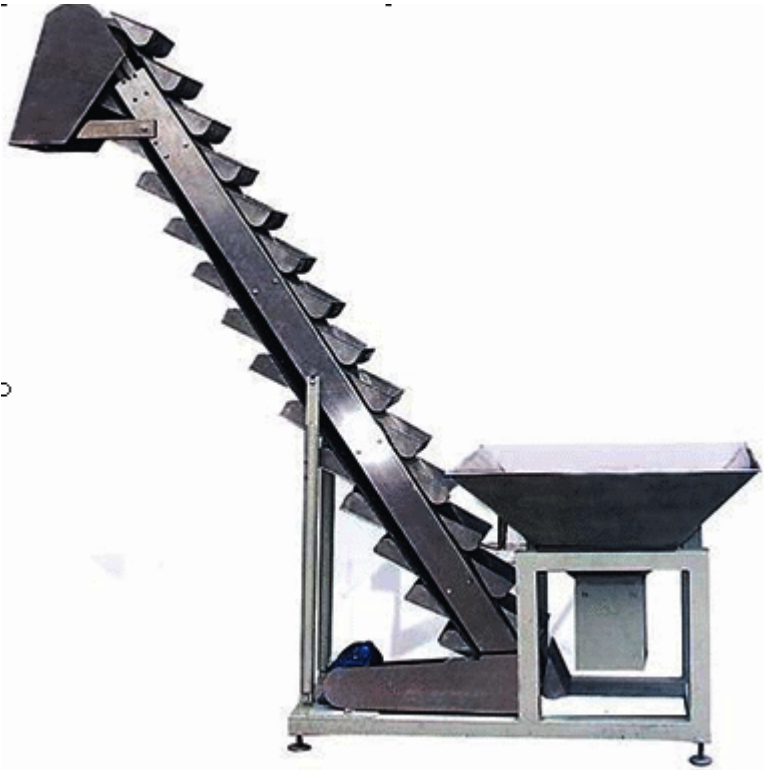
Packaging accuracy:  $\pm 1\%$

Packing range: 20-3000g

Machine weight: 150kg

Dimensions: 1330×1100×2480mm

**3. Bucket elevator**



This machine is suitable for feeding granular, strip, block and irregular materials, and the part in contact with the materials is made of stainless steel, which is easy to clean.

1. ZX-F and ZX-C series packaging machines are used in conjunction to reduce labor intensity and improve labor efficiency.
2. The part in contact with the material is made of stainless steel, which is easy to clean.
3. Automatic feeding and automatic stop.

**Technical parameters:**

Conveying height: 2500mm (adjustable, special height needs to be customized)

Machine weight: 180kg

Delivery volume: 3-6T/hour

Silo volume: 0.15 cubic meters

Power source: 220V 50HZ

Work rate: 2000W

Dimensions: lengthxwidthxheight (2700x840x2950)

**4. Cap dropping and capping machine**

Rated voltage: AC220V 50/60Hz

Work rate: 500W Max

Air source: 0.4-0.6MPa

Screw cap range: ?130mm (can be customized according to requirements)

Capping speed: 20 bottles/min

Adapt to bottle height: 50-300mm

Bottle cap types: plastic, metal round caps, pump head caps, duckbill caps, etc.

Whole machine weight: 200Kg

Appearance size: 1300x2000x2300mm

**Features:**

1. Suitable for screw capping of duckbill caps, screw caps, spray caps, anti-theft ring caps, etc.
2. Electric control movement, rotating speed of capping can be adjusted freely.
3. Positioning device, convenient operation, high production efficiency and stable performance.
4. The capping range is wide, and caps of different diameters can be tightened.
5. The capping speed is adjustable, and the tightness can be adjusted according to different caps.

**5. Inkjet printer**







**Purpose: Printing marking date, text, English, pattern**

**Product advantages:**

1. K68S is our new model, 10.4-inch high-definition touch screen, user-friendly interface, and sensitive touch screen. Equipped with original pump head with automatic cleaning function.
2. It can print three lines of Chinese characters, four lines of numbers, commonly used Chinese characters, numbers, letters, symbols, and simple graphics, all of which can be edited and printed directly on the machine.
3. The machine itself can store 140 pieces of information, and the printed information will dry quickly, in less than one second in summer. It is printed on plastic, metal, glass and other materials and not easy to wipe off.
4. The production date, product batch number and model number required by the supermarket food packaging, pipes and cables, and daily chemical industries can be printed.
5. The machine can run 24 hours a day, and the machine can automatically adjust the viscosity of the ink. With one-key cleaning and automatic cleaning functions, the machine is not easy to be blocked after being placed for a long time.

Printable ink: black ink, high adhesion ink, high temperature ink

Printing font: dot matrix font

Printing text: Chinese and English, Arabic numerals, various symbols, national text, trademark patterns, bar codes. Automatically print date, time, shift, batch number, serial number, etc.



Operating language: English + Chinese, French, German, Portuguese, Spanish, Vietnamese, Korean, Russian, Arabic.

Chinese input: Pinyin input.

Trademark pattern: It can be transferred via USB interface or edited directly on the machine.

Editing interface: One-key switching between Chinese and English menus, WYSIWYG editing mode, file preview when printing

Number of printing lines: 1-3 lines

Printing direction: print head 0-360 degrees adjustable

Printing height: 2mm-18mm

Storage information: 140 pieces of printing information can be stored.

Printing dot matrix: 5x5, 5x7, 4x7, 8x7, 7x9, 6x12, 8x16, 12x16, 9x16, 12x12, 16x18, 24x24

Printing speed: 3m/s(5x7)

Barcode printing: EAN8 EAN13 Code39 and other types of barcodes.

Printing distance: The nozzle is up to 50mm away from the object to be printed.

Operating screen: 10.4 inch touch screen, icon function keys, easy to operate.

Printing material: can be printed on the surface of plastic, metal, wood, aluminum foil, carton and other materials.

Applicable industries: food and beverage, cosmetics, electronics, auto parts, pharmaceuticals, building materials, chemical industries and other industries.

Use ink: original ink

Ink color: black ink, high adhesion ink, high temperature ink

Pigment type can be sprayed: white ink, yellow ink, red ink

Communication interface: Standard USB interface, which can be used to connect electronic scales or print anti-counterfeiting codes, etc.

Operating temperature: -5-45?

Operating humidity: 30-90%

Ink consumption: one liter of ink can print about 4.5 million production dates (5x7 font)

Machine performance: automatic cleaning, automatic adjustment of ink viscosity.

Shanghai Hanyi Engineering Equipment Company is one of the most experienced suppliers of filling machines and solutions in China.