



济南尔今  
ERJIN PACK



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—Brilliant your brands in  
perfect package



# ERJIN PACK

—Your best partner in aluminum beverage can packaging

We are a global packing solution company with eight workshops in China. We begin ERJIN Pack to provide beverage companies the packing products, like aluminum cans, aluminum bottles, can ends, sealing machine, beer keg, can carrier etc.

Based on 17 years brewing experiences, Erjin export OEM beer and beverage to help build and expand your brands in cans or bottle.



## We Supply

- ◆ Aluminum cans
- ◆ Aluminum bottles
- ◆ Aluminum can ends
- ◆ Beer kegs
- ◆ Beer & beverage(OEM)
- ◆ Can holders

# OUR ADVANTAGES



17 years experience in 2 piece aluminum beverage cans that exporting to more than 75 countries and regions in the world ;



Long-term partner of top brands like Budweiser, Heineken, Coca Cola, Tsingtao beer, Monster Energy, etc;



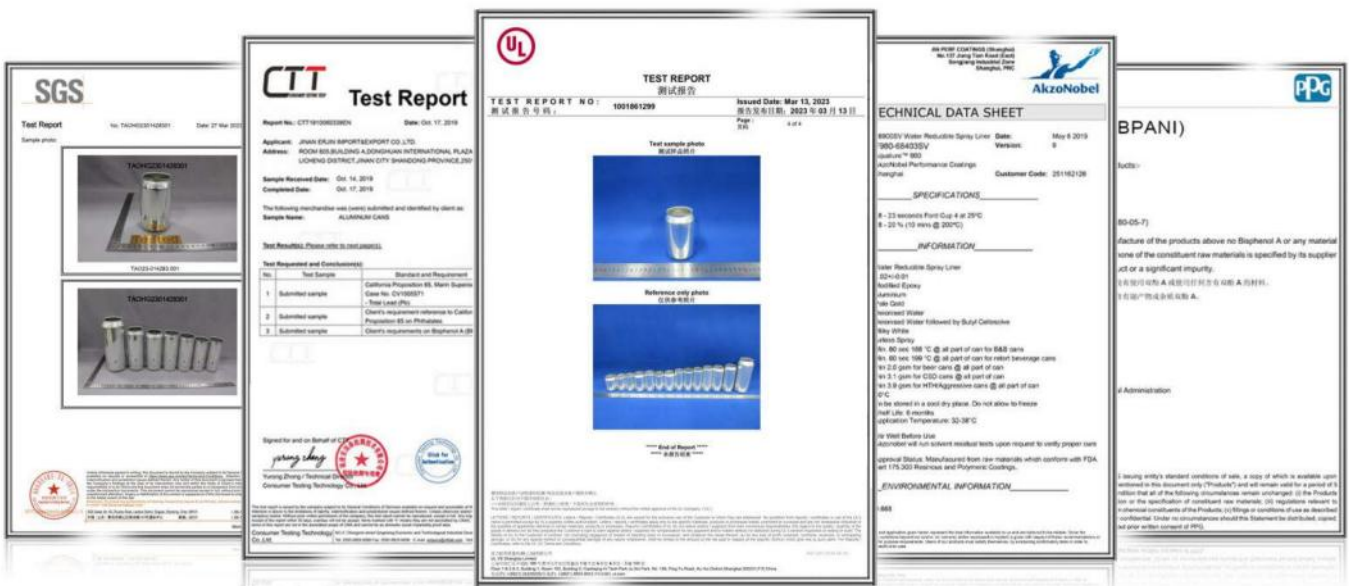
Advanced production lines in 12 different factories with production capacity 10 Billion cans per year and full range size of cans;



Customized services in can decoration like printing and coating to meet customer's personalized demand ;



Specialist pre and after-sale advice for different contents and filling conditions.



# ALUMINUM CANS



Standard Cans

Can Size	Can Height	Body Dia	End Dia
250ml	92mm	Φ 211	Φ 202
330ml	115mm	Φ 211	Φ 202
355ml	122mm	Φ 211	Φ 202
450ml	153mm	Φ 211	Φ 202
473ml	157mm	Φ 211	Φ 202
500ml	168mm	Φ 211	Φ 202



Sleek Cans

Can Size	Can Height	Body Dia	End Dia
200ml	96mm	Φ 204	Φ 202
250ml	115mm	Φ 204	Φ 202
269ml	122.5mm	Φ 204	Φ 202
310ml	138mm	Φ 204	Φ 202
330ml	146mm	Φ 204	Φ 202
355ml	157mm	Φ 204	Φ 202



Slim Cans



King Can

Can Size	Can Height	Body Dia	End Dia
185ml	104.5mm	Φ 202	Φ 200
250ml	134mm	Φ 202	Φ 200
1L	204.8mm	Φ 307	Φ 209

# DECORATION

## Printing & Varnishing

### Glossy

Most selected printing effects.



### Matte

Matte varnish creates a dull surface that is not shiny.



### Fluorescent

Clearly visible in daylight, the effects are completely revealed when the can is exposed to UV light.



### Thermochromic

Thermochromic printing on aluminum cans to create dynamic labels that change colors at different temperatures.



### Laser-engraved

Fine halftone dots and high screen rulings allow higher-quality printing such as smooth gradation and fine line works.



### Digital Printing

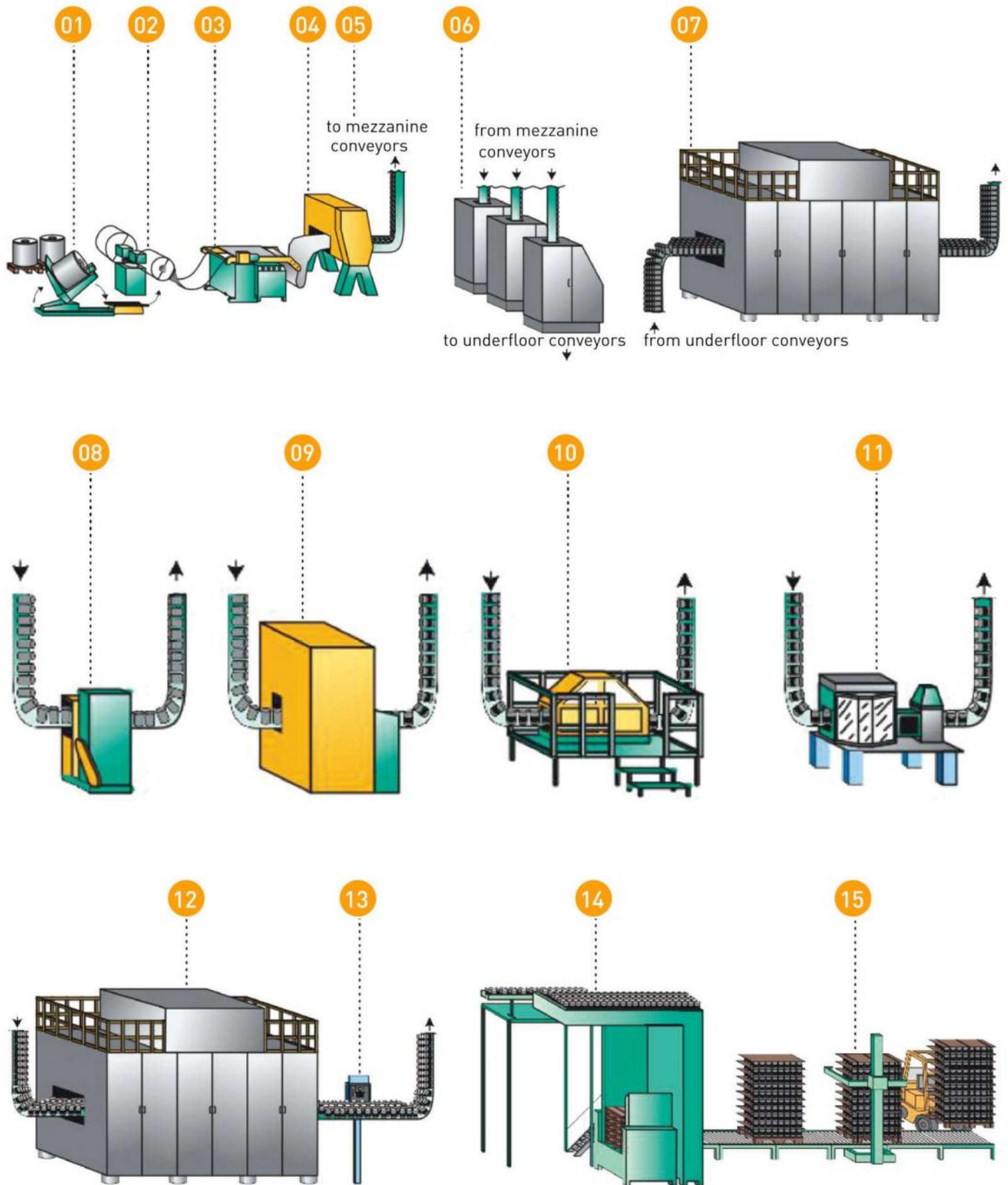
MOQ 1 pcs but only available for standard 330ml and sleek 330ml cans.



## Inner Coating

100% Food grade; Epoxy and BPANI available; Classic wine inner coating

# CANS PRODUCTION



- 01 UPENDER**  
Steel coils are positioned on the uncoiler.
- 02 UNCOILER**  
The uncoiler unwinds the steel coil into the lubricator.
- 03 LUBRICATOR**  
A thin film of lubricant is applied to the steel sheet which is then fed into a cupper.
- 04 CUPPER**  
Circular blanks are cut out and formed into cups.
- 05 CONVEYOR SYSTEM**  
The extensive network of mezzanine and underfloor conveyors route the cans to the next station. Cans are directed onto single conveyors or bulk conveyors depending on configuration needed for the next process.  
The system is also used as a temporary holding area for any overflow.
- 06 BODYMAKER**  
The bodymaker uses a punch mounted on a ram to push the cups through a series of tooling dies that redraw and iron the cups into cans.
- 07 WASHER, WASHCOATER, DRYING OVEN**  
The cans are washed, rinsed, and receive a protective coating prior to drying in preparation for flanging and the application of an internal coating.
- 08 FLANGER**  
The top edge of the can is shaped to form a lip used to attach an end to the can after it is filled.
- 09 BEADER**  
Tooling creates one or more beads on the can to increase resistance to circumferential collapse.
- 10 LIGHT TESTER**  
The tester checks all cans for possible pinholes or other damage.
- 11 IC SPRAYER**  
The IC sprayer applies a protective internal coating to the can body to protect the taste of a product.
- 12 IC BAKE OVEN**  
The bake oven cures the internal coating applied in the previous step.
- 13 FINAL INSPECTION**  
A camera checks for any contamination that might be in the can.
- 14 PALLETIZER**  
Finished cans are placed on pallets for immediate shipment or storage.
- 15 STRAPPER**  
Plastic bands are fitted around the stacked cans for added stability.

# ALUMINUM BOTTLES

Capacity: 220ml, 250ml, 280ml, 330ml

Surface finish: Polishing, 6 colors offset printing

Usage: Juice, Vodka, Spirit, Whisky, Brandy, Rum, Liquor, Wine, Champagne, Alcohol, etc



Bottle	Finished Height	Body Dia	Cap Dia
200ml	132.6	52mm	38mm
250ml	157	52mm	38mm
280ml	132	66mm	38mm
330ml	146.6	66mm	38mm





# ALUMINUM CAN ENDS

Aluminum end, especially with Stay-On Tab (SOT) is widely used for beverage cans, as the tab does not detach from the end after opening to prevent the tab from being scattered.

We provide a wide range of ends in different diameters and aperture sizes for various contents and filling conditions.

## [End diameter]

□ 200, 202, 206, 209

## [Aperture size]

□ Narrow □ Wide

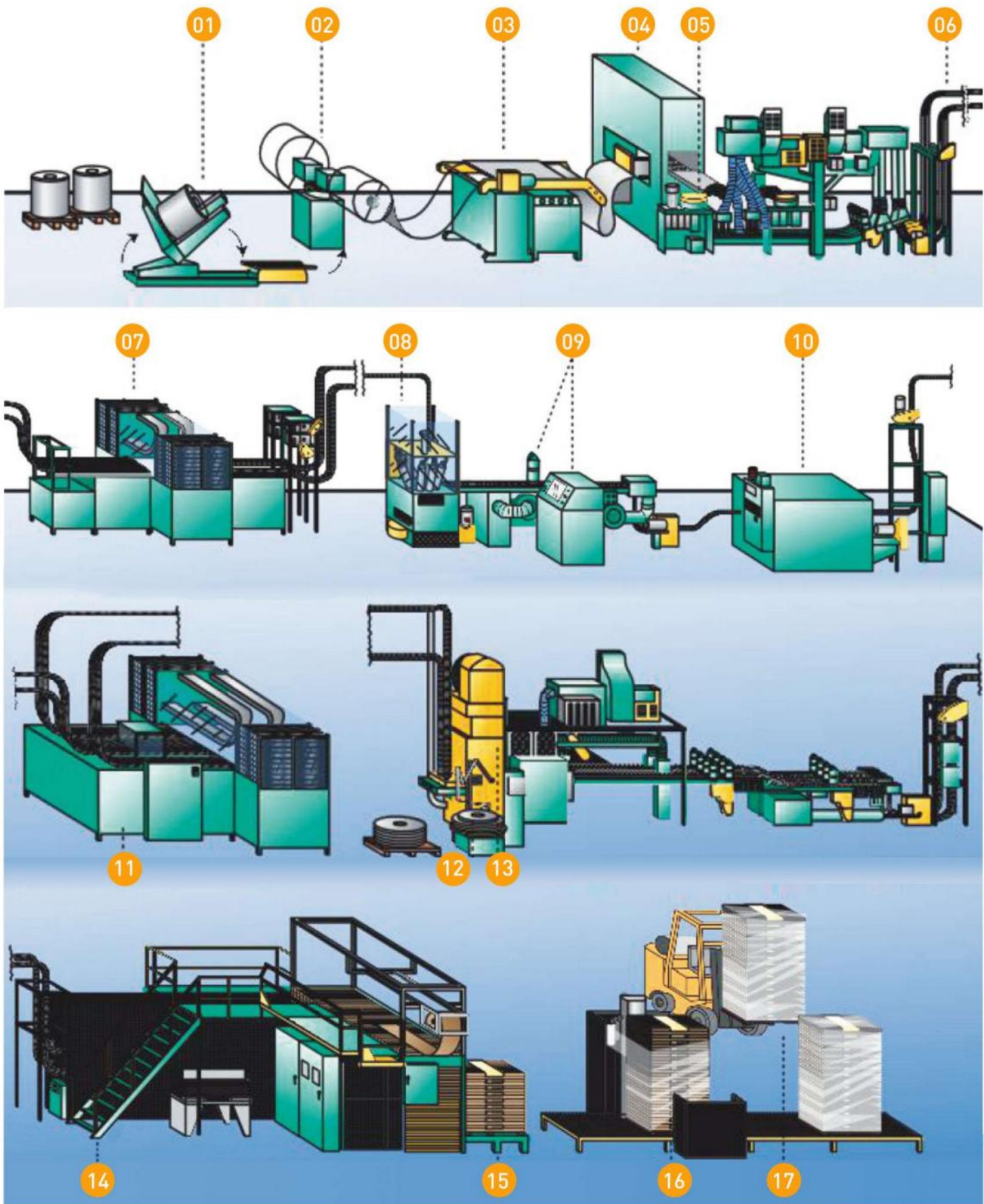
## [Customization]

□ Shell, could be different color, letter carved/printing, embossed;

□ Tab, could be different color, letter/logo/QR code printing;



# CANS ENDS PRODUCTION



- 01 COIL STAGING AREA**  
Aluminum coils are positioned by forklift on the upender and transferred to the coil car. The coil car moves the coil into position on the uncoiler.
- 02 UNCOILER**  
Unwinds the aluminum coil stock and feeds it into the pinch roll stand. Erjin use pre-coated, pre-lubricated coil stock.
- 03 PINCH ROLL STAND**  
Straightens the coil stock and controls the coil "loop" as coil stock enters the shell press.
- 04 SHELL PRESS**  
In a two-step operation, the shell press punches out circular blanks and then forms them into "uncurled shells." Shells exit the shell press and go to the curlers.
- 05 CURLERS**  
The curler reforms the lip around the edge of the shell, curving it inward to form a channel for the sealing compound, which is applied at step 8.
- 06 END CONVEYOR SYSTEM**  
The shells then go into the end conveying system, which feeds the first of two balancers.
- 07 END BALANCER**  
The balancer is a mechanical "sponge" which controls the flow of shells between the shell press and multiple compound lining machines. The balancer also accumulates excess shells from the shell press to help keep downstream equipment running during momentary stops for coil changes, cleaning, etc. From the balancer, the shells are conveyed to the compound liners.
- 08 COMPOUND LINERS**  
The compound liners apply sealing compound into the channel of the shells.
- 09 VISION INSPECTION SYSTEM**  
The shells exit the compound liner on a flat-belt conveyor and pass under the camera of the vision inspection system. The shells are being inspected for proper application of the sealing compound.
- 10 LINER OVEN**  
The lined shells are briefly exposed to heated air, which cures the water-based lining compound.
- 11 END BALANCER**  
Balancer helps keep the production flowing smoothly from one process to the next.
- 12 VERTICAL TAB STOCK UNCOILER**  
The vertical tab stock uncoiler feeds a narrow strip of plain metal into the conversion press to produce the tabs used during the conversion process.
- 13 CONVERSION PRESS**  
This press contains multiple "progressive" die sets which raise a "rivet" in the center of the shell (for eventual application of the tab), scores the opening, applies lettering, and forms the tab that is applied to the prepared "rivet".
- 14 BAGGING STATION**  
Here the ends are counted and inserted into paper-tube sacks.
- 15 PALLETIZER**  
The bags are loaded onto a pallet and paper wrapping is woven through the bags to secure them.
- 16 STRETCH WRAPPING STATION**  
Where the entire pallet is stretch wrapped with thin plastic film.
- 17 TRANSFER TO WAREHOUSE**  
Palletized ends are transferred to warehouse by forklift.

# BEER KEGS

The innovative plastic beer kegs provide possible the best packaging solution for beer, wine, juice, carbonate drinks, etc

Reusable plastic kegs, 5L, 15L, 18L, 20L, 30L

One-way plastic kegs, 3L, 5L, 20L, 30L

## The advantages

### —Innovative solution for long shelf life and taste stability

Patented high-tech multi barrier technology for both keg and inner bag provide up to 12 months' shelf life for beverages. Innovative solution of material for the inner bag prevent any small molecules and/or content migrated into beverages, to avoid any taste change related reaction.

### —Strong & safety packaging solution

Equilibrium of material Strength and Toughness technology make the kegs free of explosion;  
Glass fiber strengthening technology make the kegs extremely high pressure resistance;  
Safety valve and Strong & replaceable outer shell;

### —Economical packaging solution

Reusable plastic keg with disposable inner bag/spear, the most economical solution for all beverages.

Cheaper than metal kegs;

All kegs/spears fit with existing standard metal keg couplers;

Compatible with existing metal keg and plastic keg filling equipments;

No cleaning/drying/sterilization needed;





3L one-way keg



5L one-way keg



20L one-way slim



5L reusable keg



15L reusable keg



18L reusable keg



20L reusable keg



30L reusable keg



Spear & Inner Bag

# BEER & BEVERAGE(OEM)

## Our Brewery

Founded in 2005, Shandong Gaotang JBS Bioengineering Co.,Ltd. started beer brewing in Liaocheng city, Shandong province, China. After 16 years development, we built complete domestic supplying chains, online shops and offline distribution systems in China. The beer is hot sold, and total sales is more than 12,000 tons per year, especially our fruit beer's sales figure is No. 1 in China now.

## Beer

-lager beer, stout beer, white beer, fruit beer

## Beverages

- Carbonated drinks
- Hard seltzer, Soda water, Sparkling water, sparkling wine
- Tea flavored, coffee flavored or sport flavored drinks with CO2
- Energy drinks with CO2

## Packaging

—330ml/500ml/1L/2L/5L





Size: 330ml standard can  
 Package: 24 cans/carton  
 Loading Quantity: 2200 ctns/20'GP  
 Loading Quantity: 3100 ctns/40'GP



Size: 330ml sleek can  
 Package: 24 cans/carton  
 Loading Quantity: 2160 ctns/20'GP  
 Loading Quantity: 4455 ctns/40'GP



Size: 500ml standard can  
 Package: 24 cans/carton  
 Loading Quantity: 1600 ctns/20'GP  
 Loading Quantity: 2050 ctns/40'GP



Size: 1L tin can  
 Package: 6 cans/carton  
 Loading Quantity: 2300 ctns/20'GP  
 Loading Quantity: 4720 ctns/40'GP

# RAW MATERIAL

## Selected raw material

Raw material is the core of high quality beer. To ensure our beer tastes great every time, we has strict requirements and complete managements for raw material purchasing system.



Hops



Malt



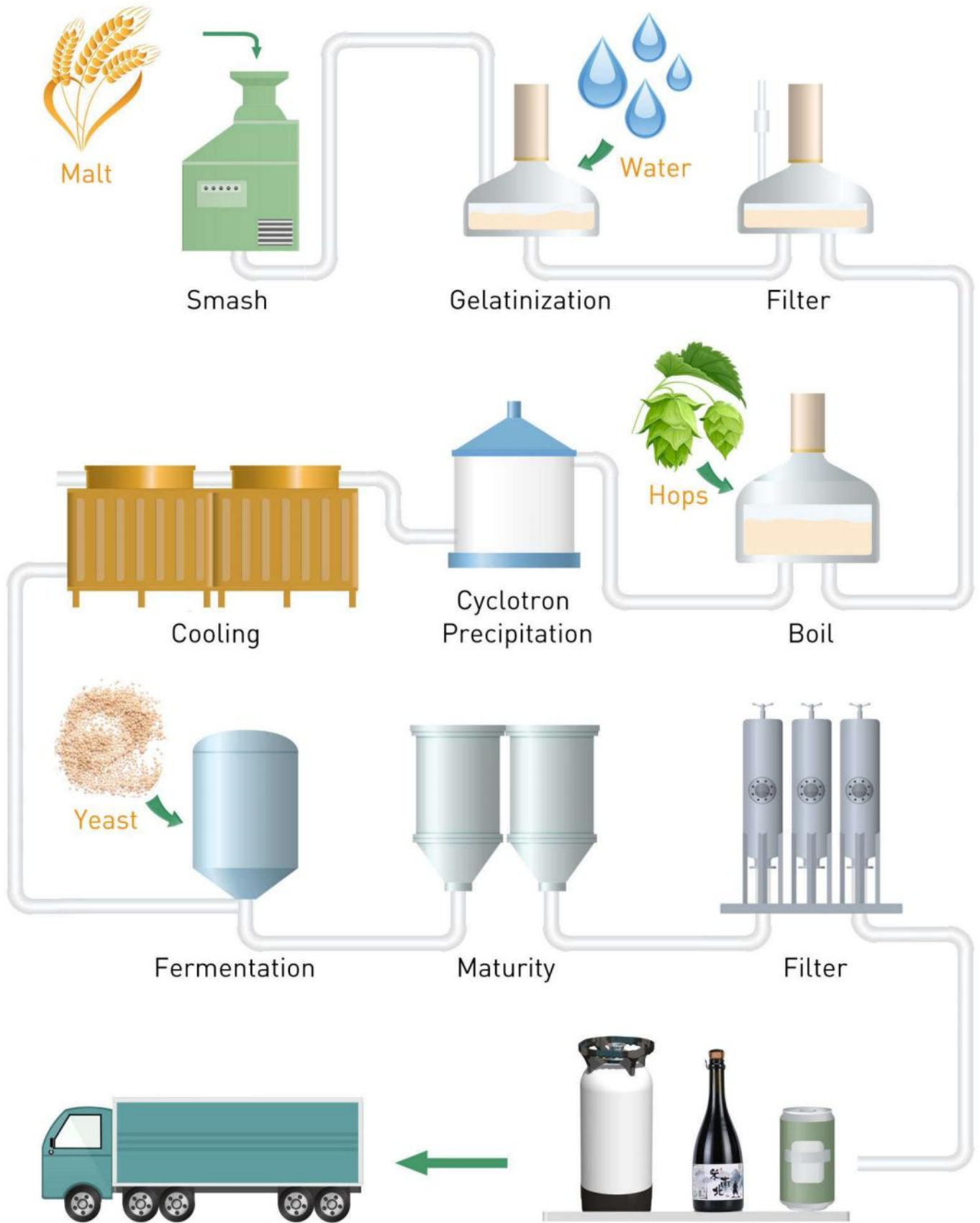
Water



Yeast



# BEER BREWING PROCESS





# BEER CAN HOLDERS

—A smart way to take & protect cans

Type: 4pack, 6pack

Material : HDPE

Color: Black, red, blue, white, etc.  
(Custom color MOQ 10,000pcs)

LOGO: Carved (MOQ 10,000pcs)

Use: For aluminum cans or PET cans

Package: 660\*510\*410 carton box





JINAN ERJIN IMPORT & EXPORT CO.,LTD.

TEL: +86 531 88526806

EMAIL: [info@erjinpack.com](mailto:info@erjinpack.com)

WEBSITE: [www.erjinpack.com](http://www.erjinpack.com)

ADDRESS: Donghuan International Plaza, Erhuan East Road,  
Licheng District, Jinan City, Shandong Province, China