



**Honesty  
Commitment  
Quality handcraft**

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# Catalogue Offer

Plastic Kegs, Devices,  
and Accessories





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**Keg PET is a new generation  
of disposable  
liquid food filling container  
with aluminum  
+ PET as the core  
material**

Being different from the traditional steel keg, Keg PET has the characteristics of long shelf life, no loss, no need to return the keg, no need of carbon dioxide cylinder, light weight, low freight, no need to manage the storage and sales of the kegs and so on. It can be ordered according to the demand and capacity ,no need to worry about the kegs being insufficient in peak season and inventory being too much in off-season; it breaks through the limits of region, channel and terminal use environment, covering both online and offline channels. It is a revolutionary product in the keg beer field that it makes it possible for a production base to market nationwide and no keg beer being hard to sell.





- ✓ **Extend shelf life:** extend period of beer preservation and terminal sale.
- ✓ **No need to return the Keg PET:** disposable, no need of deposit and returning.
- ✓ **No CO<sub>2</sub> required:** no need of cylinders, pressure relief valves and food-grade CO<sub>2</sub>.
- ✓ **Light weight:** effectively reduce transportation costs.

- » **How it works:** the retractable inner bag is pushed in the outer bottle, and the compressed air between the inner bag and the outer bottle squeezes the beer out of the retractable inner bag
- » **Expiration date:** 18 months
- » **Storage:** store in a cool and dry place, avoid direct sunlight
- » **Recyclable:** PET material



## Five capacities (3–30l)

Multiple styles to meet any needs

- » **Material:** explosion-proof PET, high barrier PET, environmentally friendly aluminum bag .
- » **Beer spear model:** T type.



30l

20l

10l

5l

3l

## Four main advantages of Keg PET



### ✓ Cost-saving

The original design eliminates the cost of gas cylinder, food grade carbon dioxide and the fee of transportation, providing convenience and cost saving for the sales end.



✓ **Extend shelf life**

Food grade aseptic aluminum bag is especially suitable for beer without pasteurization. The shelf life of beer filled in Keg PET is much longer than that of steel kegs, bags and cans..



✓ **Quality guarantee**

The sterile inner bag squeezes beer out, avoids the contact between beer and air, and ensures the purest taste of the wine, which is particularly important for bars and brands that want to brew personalized fine beer.



✓ **Simplify the sales process**

No deposit needed and no regional restrictions on the return of steel drums, which helps expand the scope of sales, so that selling keg beer could be as simple as selling bottle beer.



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**CERTIFICATIONS**

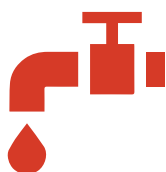
**PATENTS**

## COST ADVANTAGES



### » Storage & Management

The steel keg is recovered in off- season, which takes up a large amount of storage; the management behaviors such as inventory, warehousing, fixed assets inventory, deposit collection and settlement will also generate corresponding administrative expenses. Keg PET can be ordered on demand, which does not occupy the warehouse, and can be used as soon as it is purchased. There is no need for later management, which greatly simplifies the use procedure.



### » Cleaning & sterilization

The aluminum foil bag in Keg PET has been sterilized and disinfected when manufactured, and all indicators meet the state before filling so that the only necessary process is to rinse the keg mouth with disinfectant and steam purge the beer spear head when filling. According to the standard process, the steel drum needs 9 processes before filling. The required equipment is more large and expensive, the filling process is long and the production efficiency is low.



### » Rate of rotten

Due to the complex use and cleaning process in long-term use, the steel spear is easy to leak and to be damaged. The filling process of Keg PET is simple, which can also prolong the shelf life of beer and effectively reduce the bad wine rate.



#### » **Reduce the wine left**

The beer in stainless steel keg is pressurized by carbon dioxide. Due to the gap between the wine spear and the bottom of the keg, the beer at bottom can not be squeezed out, resulting in generally 500-800 grams of beer loss according to the diameter of the keg, which causes loss of profits of the retail terminal; Keg PET uses gas to squeeze out the liquor between the outer keg and the inner bag, making the residual beer being about 10g, almost negligible, so that the terminal users can obtain greater benefits.



#### » **CO2 free**

Keg PET has no requirement of the type of pressurizing gas, so the beer can be pumped directly through the air pump, which saves the cost of purchasing pressure reducing valve, gas cylinder, gas meter and food grade carbon dioxide; it eliminates the cost and time of searching across cities because some cities do not have food grade carbon dioxide, and also solves the obstacle that some terminals are unwilling to place high-pressure cylinders to sell keg beer.



#### » **No returning**

The reasonable sales radius of steel keg beer is about 300 km due to the need to return empty kegs, which greatly restricts the sales of distilleries which can not lay out production bases nationwide. For Keg PET, there is no need to be returned, which breaks through the limit of sales radius.



**» Maintenance**

Steel Kegs are used repeatedly for many years, need to be tested, repaired and replaced regularly; same to cylinder and gas meter supporting the steel Kegs. There is no such costs for Keg PET.

**» Depreciation**

The standard service life of steel drums is 10 years. With steel drums, you need to consider the average purchase cost of such a container, the direct cost incurred each time it is recovered, plus the indirect asset management costs. Keg PET do not require such financial outlays

**» Loss rate**

Steel Keg PET need to be reused and the path of the Keg PET from the winery to the dealer and then to the terminal and back to the winery is complex, which inevitably leads to the loss. While Keg PET do not need to be returned.

**» Investment in the filling line**

Due to the strict cleanic requirements of steel Kegs, 4 of the 5 heads in the filling line are used for cleaning only 1 for filling. Keg PET need only one filling head which saves the cost of filling line equipment maintenance.



# Is the steel Keg you bought used for your own?

**Steel Kegs may not all be used for your purposes**

The investment of purchasing of steel keg is large, and the turnover is slow and difficult to control after delivery. Even if deposit is collected, it will happen that the dealers who have their own OEM beer business will misappropriate the steel keg to fill their own brand of wine.

In addition, some terminal customers are generally unwilling to pay the deposit and unwilling to pay compensation in case of keg loss. In another word, the kegs you buy may not be all for your use, there is also the risk of loss that cannot be recovered





**Keg PET**  
a **new era of beer**  
**retailing**





# Vertical selling system

Help craft bars and fresh beer brands quickly establish a **vertically integrated ecological sales system** in a variety of entertainment scenes at a lower cost

**Flexible - Convenient - Multi-scenario - Low cost**

## Keg PET

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- ✓ Keg PET
- ✓ Commercial equipment
- ✓ Domestic equipment
- ✓ Outdoor equipment

## PubS Online Sales Take-aways Supermarkets

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- ✓ Filling
- ✓ Keg beer dispensing
- ✓ Equipment distribution

## Terminal consumption scenario

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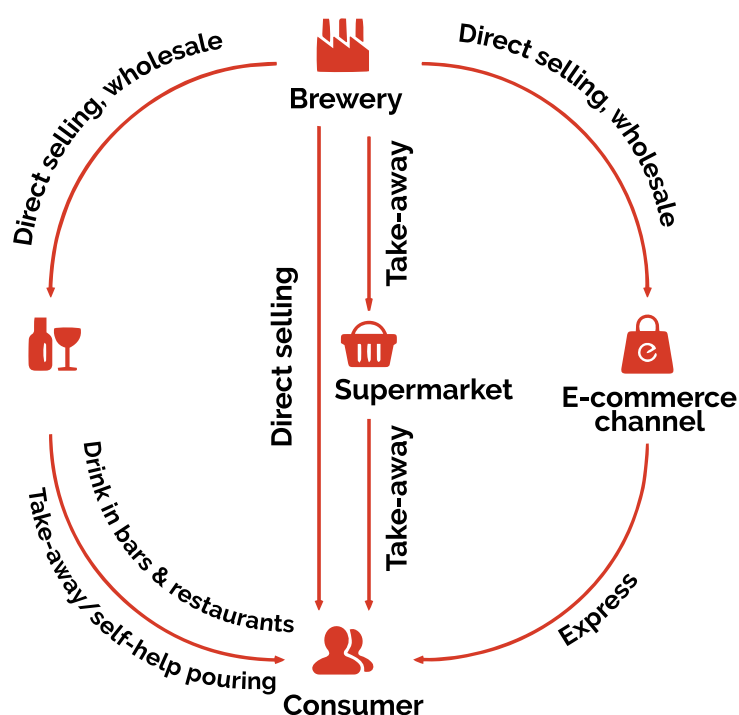


**Start the fresh beer through terminal equipment, such as dimple, beer egg household all-in-one machine and so on**

# New retail of small Keg PET beer

## Make Keg beer selling as easy as bottle beer

Build a brand-new home drinking and small-scale current drinking terminal channel sales and marketing model with small Keg PET beer dispensing equipment as the technical support and O2O mode of takeout platform as the carrier.



### » Channel pioneer

As a new liquid food packaging material, The Keg PET provides a new channel solution for the upstream industrial beverage market.

### » Solution solver

Diversified equipment provides complete solutions for downstream bars, catering and other fields.

### » Bridge builder

Build a bridge between upstream and downstream with the system solution of "keg + equipment + filling".



# Keg PET – a new era of barrel beer

**Keep every mouthful fresh and pleasant!**

Combined with distribution equipment, starting from the terminal requirements, realize diversified, multi scene and multi- function, terminal liquor selling scheme.



**Dual-cooling refrigerator**  
40 l



**Refrigerator**



**Dual-cooling refrigerator**



**Beer cooler**  
40 l



**Beer cooler**



**Top counter cooler**

# You can have draft beer at any time

Cheers!

Breaking the geographical and equipment restrictions of draft beer retail, Let beer lovers, whether **at home, in a restaurant or in a bar,**



With small Keg PET as the core, **product matrix composed of:** Dimple, PiDan, T-capsule, Keg-Top Dispenser and other equipment.



# Mobile Beer Cooler 40 l

Upgraded and the most practical scheme

- » Pump equipped
- » Adapted to 20/30L keg, no food grade CO<sub>2</sub> required
- » Faster cooling effect with water-cooling mechanism
- » No need for gas cylinder or gas



- Max quantity of Keg PET: **3**
- Beer column selection advice: **2 options**
- Applicable scene: **bars, stalls, hotels, restaurants**



# Mobile duel-cooling refrigerator

## Flexible and practical

- » Dual system drive, patented refrigeration module, cold as soon as it is turned on
- » Self cleaning, fully integrated, spare parts and maintenance free, more affordable
- » Multiple scenes, more flexible
- » Well designed, smaller volume, wider use site



- Max quantity of Keg PET: **8**
- Beer column selection advice: **4 options**
- Applicable scene: **bars, stalls, hotels, restaurants, CVS, supermarkets**



# Top Counter Cooler

**Flexible, comprehensive, up-to-date  
liquor program**

- » Water-cooling mode to get lower temperature in less time
- » Attractive design, low noise, excellent foam, suitable for commercial and home use
- » One button operation, very stable



- Max quantity of Keg PET: **3**
- Beer column selection advice: **2 options**
- Applicable scene: **bars, stalls, hotels, restaurants**

# Top Counter Cooler

**A wide range of application scenarios, convenient for a variety of beer selling methods**

- » All kinds of beer towers available
- » Adapted to Talos keg, no food grade CO2 required
- » No site restrictions
- » High power, suitable for large amount sales of keg beer
- » Reliable and durable



- Max quantity of Keg PET: **8**
- Beer column selection advice: **8 options**
- Applicable scene: **bars, stalls, hotels, restaurants**



# Mobile refrigerator

Meet the needs of multi scenarios,  
more economical

- » Options vary from 2 to 11 Kegs PET
- » Durable
- » Air cooling circulation function
- » External air compressor can be installed to avoid the procurement and transportation of gas cylinders
- » Removable casters

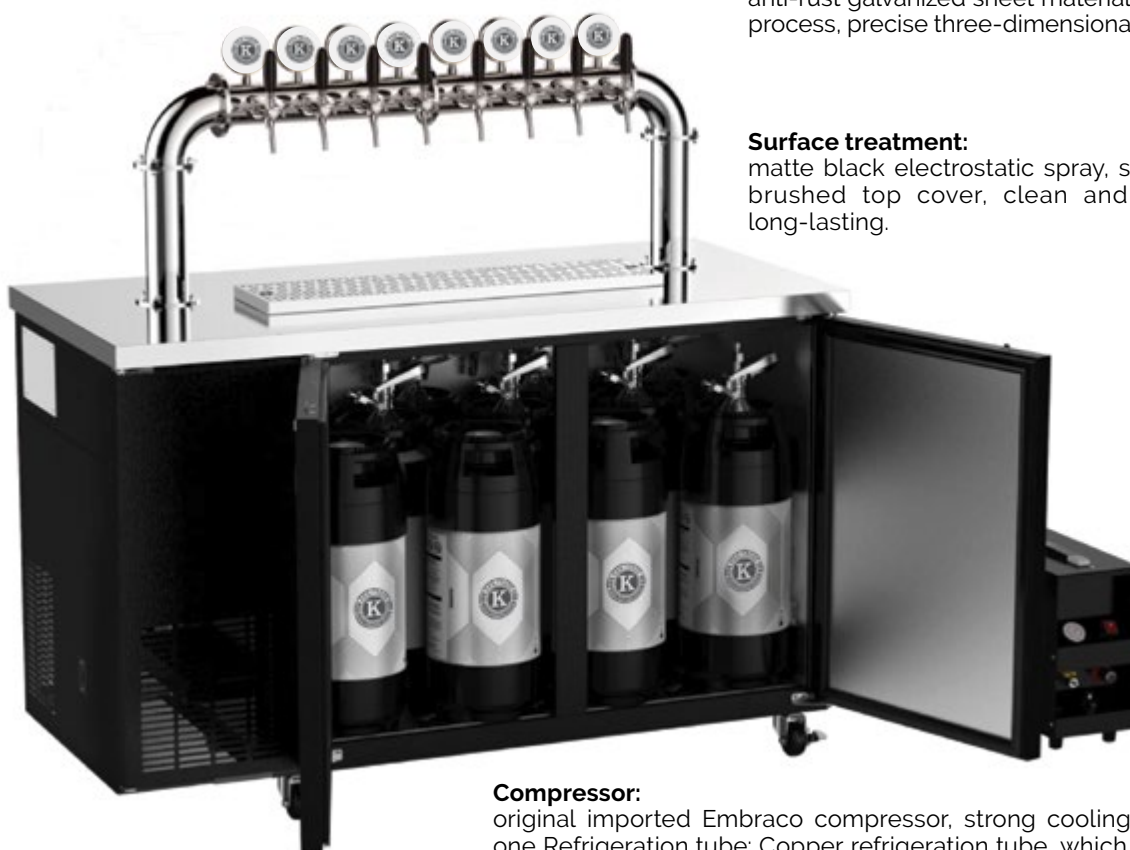


- Max quantity of Kegs PET: **11**
- Beer column selection advice: **8 options**
- Applicable scene: **bars, stalls, hotels, restaurants, CVS, supermarkets**

# Duel-cooling refrigerator

Meet the needs of the whole business scene

- » 4 to 15 kegs available
- » Enlarged box for more Kegs PET
- » Air cooling circulation function
- » External air compressor can be installed to avoid the procurement and transportation of gas cylinders
- » Removable casters



**Sheet metal process:**

anti-rust galvanized sheet material, laser cutting process, precise three-dimensional appearance

**Surface treatment:**

matte black electrostatic spray, stainless steel brushed top cover, clean and convenient, long-lasting.

**Compressor:**

original imported Embraco compressor, strong cooling, constant as one Refrigeration tube: Copper refrigeration tube, which improves the cooling speed, promotes the stable and efficient operation of the beer machine, and guarantees more alcohol consumption.

- Max quantity of Kegs PET: **15**
- Beer column selection advice: **10 options**
- Applicable scene: **bars, stalls, hotels, restaurants, CVS, supermarkets**



# Filling tap

**It is a clever take out sales scheme which increases sales**

- » Specially provided for the fine brewing bar with counter in the front and factory at back
- » Vacuum, with no touch to the air, and ensures the original flavor of the beer
- » It can be easily sold by changing the ordinary faucet



- Material: **copper, ABS**
- Adapt to: **3/5/10 l**
- Weight: **1580 g**
- Dimension: **26,5 cm x 9,8 cm x 11,5 cm**
- Applicable scene: **bars, stalls, hotels, restaurants**

# Keg-Top Dispenser

**beer flash delivery and take-out business**

- » Specially designed for new retail scenarios, with low cost and strong adaptability
- » Small size, light weight, portable, making selling beer more flexible
- » Convenient



- Material: **ABS/PVC/PE**
- Adapt to: **3/5/10 l**
- Weight: **152 g**
- Dimension: **6,4 x 14 cm**
- Applicable scene: **home, delivery, take-away, caravans**



# Electric Keg-Top Dispenser

**Reduce the waiting time of delicious draft beer**

- » Updated and compact as before
- » It is designed for large consumption scenes such as large food stalls and chain restaurants



- Material: **ABS**
- Adapt to: **3/5/10 l**
- Weight: **280 g** (top); **415 g** (bottom)
- Dimension: **13,8 x 7,6 x 13,1 cm / 17,7 x 16,0 x 24,2 cm**
- Applicable scene: **restaurants, home, online, take-aways, CVS, grocery shops**



## How does it works

**Install Keg PET on the dimple, inject air into the keg to squeeze the inner bag through the manual air pump, so the beer can be squeezed out**

- » Specially designed for entertainment consumption scenes, with low cost, strong adaptability and multi-color options
- » Light operation, compact structure, more fun in self-service drinking
- » Made of food grade ABS engineering materials, which has obvious
- » Advantages in volume and weight, convenient and flexible
- » Special cleaning head for dimple



- Applicable scene: **restaurants, KTV, pubs, homes**



# PiDan

## Domestic refrigerator for 3 l Kegs

Designed for hotels, clubs, restaurants and other high-level places. The design appearance with a sense of science and technology can not only improve the grade of the overall space, but also bring different fresh drink enjoyment.

- » Exquisite and lightweight
- » Intelligent temperature control
- » Constant pressure and constant freshness
- » Digital display
- » Low noise
- » Healthy and hygienic



- Voltage (V): **220~240**
- Frequency (Hz): **50**
- Power (W): **70**
- Current (A): **0,40**
- Compressor (KM): **1/4**
- Refrigerator: **R600a/30 g**
- Thermostat: **digital**
- Color: **white**
- Refrigeration mode: **dry cooling**
- Outlet temperature (°C): **3 ~ 7**
- Weight (kg): **12,50**
- Dimension: **49,5 cm x 31 cm x 48 cm**

# T-Capsule

## Commercial refrigerator, 10 l

Specially customized and developed for commercial scenes, with intelligent temperature control and constant pressure fresh lock. It provides personalized draft beer retail solutions for bars / restaurants / gears and other scenes. Suitable for 10L space barrel, with larger capacity and more wine, so as to help you give full play to your best commercial potential.

- » Brand compressor
- » Fast cooling
- » Digital
- » Disposable tube
- » Quiet
- » Automatic



- Voltage (V): **220~240**
- Frequency (Hz): **50**
- Power (W): **70**
- Current (A): **0,40**
- Compressor (KM): **1/4**
- Refrigerator: **R600a/30 g**
- Thermostat: **digital**
- Color: **white**
- Refrigeration mode: **stick cooling**
- Outlet temperature (°C): **3 ~ 7**
- Weight (kg): **12,50**
- Dimension: **31,2 cm x 43,5 x 58,8 cm**



# All-terrain Manual Beater (Pump)

**Tailor-made solutions for beer selling**  
**The perfect embodiment of Keg PET innovation**

- » Fits 3/5 l drums
- » Low cost, all accessories included
- » Portable, no need to connect, can be used in any environment
- » Manual pumping, no gas required
- » Simple installation, reliable operation



- Quantity of Kegs: **1 Keg PET** (compatible with 5/20/30 l)
- Applicable scene: **all-terrain, all-weather, household, outdoor party, box, shift, small catering.**



## Filling scheme



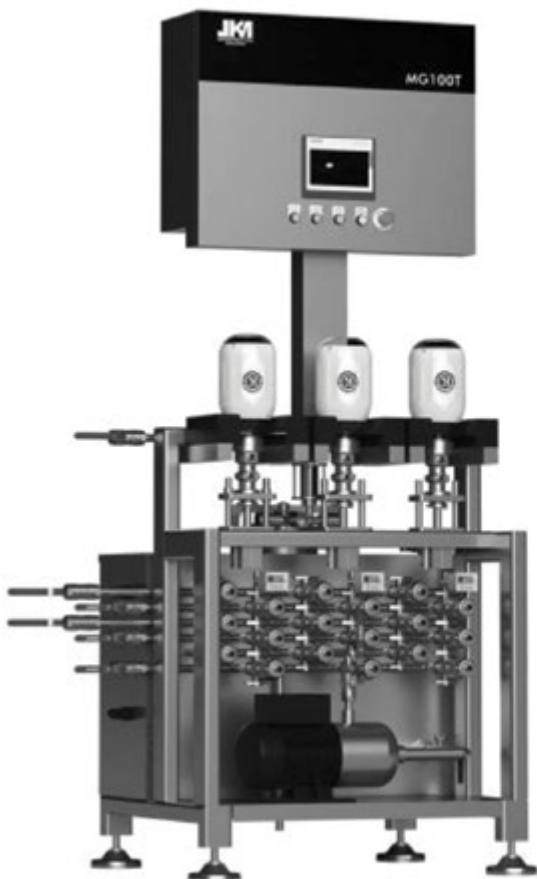


# Small filling machine

**High production flexibility, high efficiency and cost saving**

Manually position the keg, press the operation button to start filling. Get pressure ready in the keg before filling, slowly release the gas in the interlayer during filling. After filling, the keg will be closed automatically and unloaded manually.

- » Dual station
- » Can be canned in small quantities



Small Kegs PET



Large Kegs PET

- Target customers: **small to medium craft breweries**

# Multi station automatic filling machine

- » High production flexibility, convenient, easy and faster
- » Multi station, can carry out pipeline circulating filling
- » Assembly line rolling filling
- » Faster efficiency
- » It can also cooperate with the brewery assembly line for automatic filling

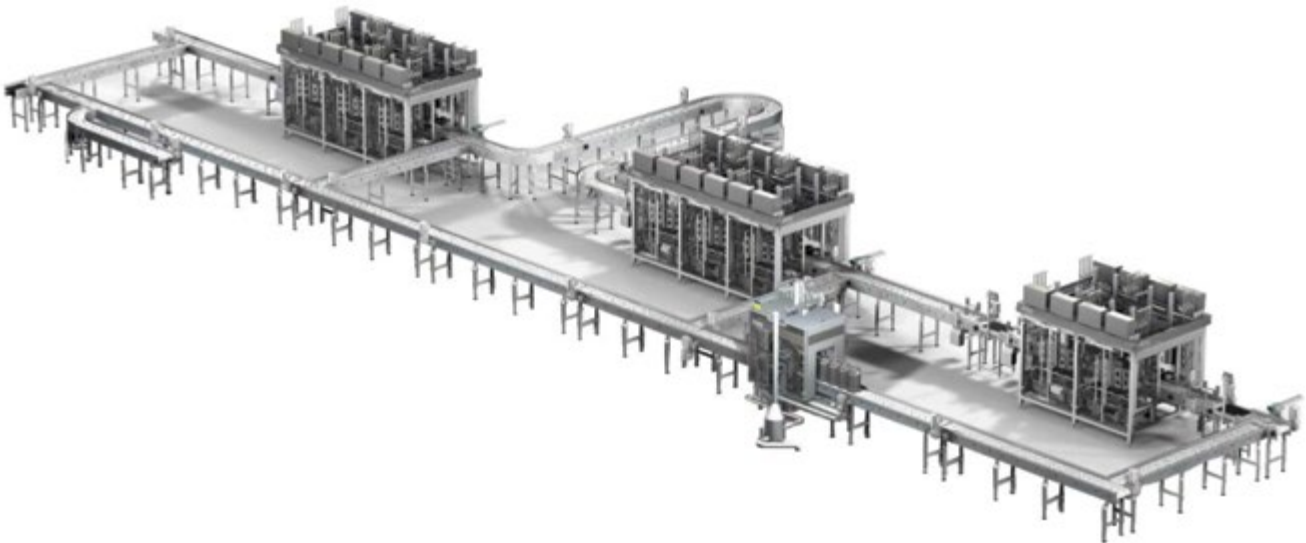


- Target customers: **medium to large craft breweries**

# Filling machine

## Automatic cleaning and filling production line

- » It can carry out pipeline circulating filling and assembly line rolling filling
- » Efficiency is faster than the first two
- » It can also cooperate with the brewery assembly line for automatic filling



- Target customers: **large craft breweries**





# Specification

## Technical parameters



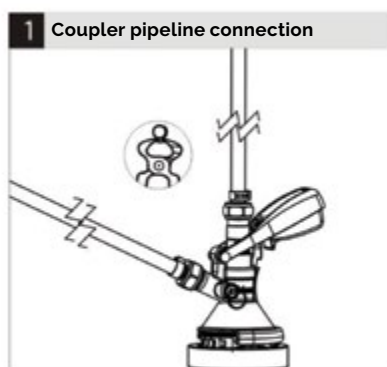


# Specification

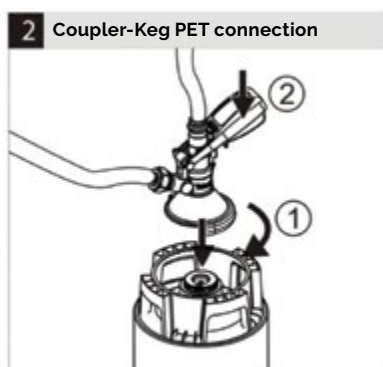
Name	Dimension (WYS.*SZER.*GL.) CM/CAL	Net weight (kg/funt)	Dimension of pad (CM/ CAL)	9,6 m Vehicle	13 m Vehicle	17,5 m Vehicle
Keg PET 3 l	27,5*13,8*13,8	0,22	112*112*248	8192	11264	20160
Keg PET 5 l	31,8*16,7*16,7	0,26	110,3*110,3*250	4578	6342	10976
Keg PET 10 l	39,8*21,0*21,0	0,36	108*108*245	2400	3480	6030
Keg PET 20 l	60,0*24,5*24,5	1,40	120*120*252	1480	2080	3360
Keg PET 30 l	59,8*30,0*30,0	1,80	120*120*252	960	1344	2240

# Instructions

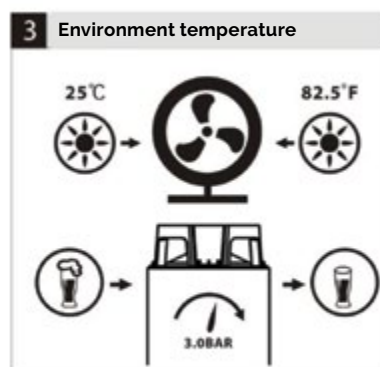
## 3 steps



Connect coupler to beer joint and secure with clamp



Load the coupler from top to bottom, rotate clockwise and fix it. Press the distributor handle down until you hear a click to lock



The indoor temperature should be below 25 degrees. Turn up the intake pressure if there is too much foam but no more than 3.0 bar. Normal pressure should be between 1.5-2.0 bar.

## Precautions



The barrel will be filled with high- pressure gas after use. Do not touch the barrel with sharp tools



Barrels shall not be exposed to toxic or chemical liquids



Do not roll or drag the barrel on the ground



The barrel should be kept away from the source of fire



The operator should wear protective glasses when reducing pressure and venting



The indoor working temperature should be below 40 degrees



The maximum pressure should not exceed 3.0 bar

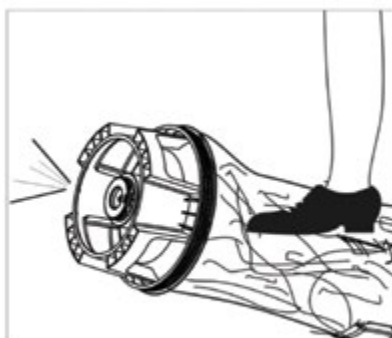


The handling process should be placed as parallel as possible

## Recycling considerations



Protective glasses are needed. Press the special exhaust cover for about 15 seconds and remove the exhaust valve when the air pressure reaches 0bar/psi. Exhaust valve can be reused



After the exhausting, please stamp the barrel flat with your feet and put it into the recycling drum



Reclamation



# Keg PET 20 L

## Technical Parameters


Requirements	Standard Heineken	Standard Keg-Trade	Comments
Maximum allowable working pressure	<0,4 MPa (<4 bar)	3,2 bar	
Pressure reduction	Pressure reduction above 0.4 MPa (4 bar) of working pressure when the drum starts Can be built into parts dispensing/connector	3,2–3,6 bar	Can be customized according to customer requirements, but not more than 0.45 MPa (4.5 bar)
Barrels resistant for pressure inside (pressure bursting)	Retractable pressure valve/tube outlet +Keg >0.9 MPa (>9 bar) Barrel burst pressure >0.6 MPa (> 6 bar). Kegs should crack, not explode, with no loose parts (fragmentation)	Barrel burst pressure: >0.9MPa (>9bar). Drum burst pressure >0.6 MPa (>6 bar). PET kegs should burst, not explode, with no loose parts (fragmentation)	
Vertical test safe fall	1.8 m 4°C barrel filled with beer (bottom and side). Failure without explosion, loose pieces or other hazard to the user	1.8m 4°C barrel filled with water. Damage to the handle and bottom without explosions, loose pieces or other danger to the user	
Rupture stress at the top and bottom	Min. 15 minutes from crack to explosion	More than 30 minutes from rupture to the explosion	
Self-acting deflation	Disposable containers should be automatically depressurized/depressurized when disconnected	At the end of its use, the keg must be vented with a special pressure relief tool	The pressure relief function can be designed accordingly with customer requirements
Points propellant gas connection	100% open, no obstacles, flashes or dirt	100% open, no obstacles, liquid or gas leaks	
Puncture	Fails ductibly/non-explosively when punctured at a pressure of 1.5 times the maximum allowable working pressure	Fails ductibly/non-explosively when punctured at a pressure of 1.5 times the maximum allowable working pressure	
Gas selection propellant	Air: for materials with burst pressure <1.5 MPa (<15 b) CO2: for materials with burst pressure >1.5 MPa (>15 b)	Air or CO2	
Replenishment	The design of the valve or extraction tube prevents refilling	There is a Keg PET connector inside non-return valve that prevents refilling with liquid, when the connector is pulled out	
Properties barrier		Use an EVOH inner bag, oxygen permeability not greater than 2.5 (cm <sup>3</sup> /(m <sup>2</sup> ·24h·0.1 MPa)), water vapor permeability not more than 2.5 (g/m <sup>2</sup> ·24h)	
Absorber a active oxygen (inner bag vacuum degree)		The inner bag becomes a vacuum by squeezing air from it under a pressure of 1.6 bar	
Resistance chemical for corrosive agents and cleaning		No disinfectants, detergents, alkaline solutions, corrosive chemicals hydrogen and oxygen should not come into contact with the body of the PET keg as this may cause it brittleness increase and increase riskv of barrel rupture	





20L

**Honesty  
Commitment  
Quality handicraft**

**ATTENTION**

1. Before using the product, please read the instructions carefully. For technical support, call 08 00 129 806.

2. Do not use the product in areas where it is prohibited by law or where it is prohibited by local authorities.

3. Do not use the product in areas where it is prohibited by law or where it is prohibited by local authorities.

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**MORE ATTENTIONS**

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**Key-Trade**

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**DEFLATING AND RECYCLING**



1. Deflate the product by pulling the valve stem outwards.

2. Recycle the product in a recycling bin.

**CONNECTING AND DISPENSING**



1. Connect the product to the air source.

2. Dispense the product into the tire.

**Precautions & Warnings**

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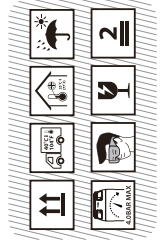
**Technical Data**

1. Capacity: 20L

2. Pressure: 1.5 bar

3. Weight: 1.5 kg

**Icons**



# Sticker



**Enviroment protection**  
**Safety and responsibility**





✓ **CO<sub>2</sub> free**

Liquid soft drinks and gases are separated in Keg PET. Without using CO<sub>2</sub>, N<sub>2</sub> or other mixed gases, the soft drinks in the inner bag can be squeezed out with any gas (including compressed air). This is a cleaner, more environmentally friendly, more convenient and more affordable distribution method.

✓ **Global food safety system certification**

Keg PET has obtained the food safety system certification FSSC22000, established a comprehensive management system with globally recognized standards, and fully met the requirements of customers and industry regulations in terms of food safety.

✓ **Social responsibilities**

The manufacturer carries out a series of environmental protection measures to fulfill social responsibilities. For example, photovoltaic is used to replace traditional energy. Environmental protection equipment such as dust treatment, waste liquid and sewage treatment are equipped in the plant area, and environmental monitoring and inspection are carried out regularly.



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