

BGF14/12/4 Beer Filling Line quotation

Name	Capacity	Quantity	Price (Euros)
Feeding platform	1.5m*0.6m	1 set	770
Monoblock glass bottle Beer filler (BGF14-12-4)	1000-1300b/h (330ml)	1PCS	40500
Change part	750ml	1 set	1600
Automatic cap loader	1000-1300b/h	1 set	3600
Drying machine	1000-1300b/h	1 set	3000
One side Sticker labeling machine	1000-1300b/h	1 set	7000
Inkjet date printer machine		1 set	6000
Collection platform	1.5m*0.6m	1 set	900
Conveyor,motor		Depends on drawing	
			EXW 63370

1. Empty bottle and collection platform



Material: stainless steel 304
Size: 1.5m length, 0.6m width

2.BGF14-12-4 bottle Beer filling machine

Introduction

This machine is my company's introduction of German technology, combined with the characteristics of beer production industry, designed to develop small-scale beer filling equipment. The machine has excellent mechanical operation reliability, improved rinsing, filling, cover screwing, disinfection sterilization and other functions.

Structural Features

- 1, The rinsing machine using high-strength stainless steel bottles of spring-loaded folders, to ensure a stable reversal of the glass bottles. The nozzle is a plum-like structure can wash every corner of the sidewall and bottom to make the bottle clean.
- 2, Filling machine with spring-type mechanical lifting equipment to upgrade glass bottles, large bearing support floundering in the vat and use of guide-rod in the orientation of the structure, there are pre-cover features.
- 3, Using high-precision mechanical filling valve, with cylinder liquid level and the back pressure controlled by a variable signal proportional. Fast, stable, accurate, to be vacuum one at a time.
- 4, Stainless steel plunger and mechanical stirring gland-type magnetic reasonable cap to ensure that the gland is healthy and reliable. Hopper and the cap taking- cover, capping transmitted by magnetic. The capping is reliable and automatic unloading, reducing the rate of broken bottles.
- 5, Before the capping, use hot water bubble set to displace bottlenecks air, ensuring the oxygen content of less than 0.15mg / L.
- 6, Filling machines includes broken bottle automatically stopping valve, broken bottle washing, and foam automatically exhausting device.
- 7, With perfect CIP cleaning function, and capable of rinsing filling pipes with acid, lye liquid and hot water.
- 8, All the materials in contact with the valves, tanks, pipes are made of stainless steel

304 materials, inside and outside the wall of mirror-polished, ensuring it is healthy.

9, Manually dry oil lubrication system to make sure equipment maintenance is more convenient.

10, The whole operation adopts advanced man-machine interface, PLC control, frequency conversion stepless speed regulation and other automatic control technology, with no bottle no open valves, no stamps; no cap no operation, and other security protection.

Beer filling machine +bottle drying machine+sticker labeling machine

Main technical parameters

Washing heads: 14 (diameter: $\phi 595$)

Filling valve heads: 12 (diameter: $\phi 510$)

Capping heads: 4 (diameter: $\phi 170$)

Bottle size: 330ml

Capacity: 1000-1300 bottle per hour (330 ml)

Applicable bottle: bottle height 200~350mm;

Diameter $\Phi 52 \sim \Phi 84$ mm

Aseptic air consumption: $0.4\text{m}^3/\text{min}$ (0.4~ 0.6Mpa)

CO₂ consumption: 150g/100L

water consumption including: vacuum pump: $0.15\text{m}^3/\text{h}$; blowing: $0.6\text{m}^3/\text{h}$

Operating voltage AC 380V

Controlling voltage DC 24V

power:

main motor 2.2 KW

hopper motor 0.18KW

Vacuum motor 1.5 KW

spray pump 0.37Kw (buyer prepare)

Electric Chain motor 0.55Kw (buyer prepare)

Overall dimension : 2200x2000x2500 (LxWxH)

Weight: 3000 Kg

Main equipment

1、 Touch Screen: Mitsubishi

2、 PLC controller、 Inverters :Mitsubishi

3、 Proximity switches, contactors, circuit breakers : Japan's Omron, Siemens

4、 Cylinder, solenoid valve :Taiwan

Rinsing Part



Filling part



Capping part



Washing filling and capping machine



3. Conveyor belt

<http://www.jackzmaertens.com>

jackzmaertens@gmail.com



Material: SS304 and plastic chain plate
Included: Variable speed motor
Power: 370W
Voltage: 50 HZ /220V

4. Automatic Cap Loader



Model: SG-100A
Quantity: 1pc
Output: 1000-1300 pcs/hour
Power; AC 380V
Total power; 370w

<http://www.jackzmaertens.com>

jackzmaertens@gmail.com

Air pressure : 3-5kg/cm²
Size of machine: 1000x900x3200mm
Weight:200kg

5. Bottle drying machine



Drying machine is the pressure generated by the vortex air pump air through the air knife hair spike of high-speed wind curtains, drops the bottle blew the body, easy bottle labeling and packing..

(With food hygiene requirements of the materials), 304 stainless steel tank

Main parameter:

Power of motor: 5.5KW

Blowing rater:546-716m³/h

Material:SUS304

Weight:150kg

Machine size:L800*W650*H1650mm

6. One side sticker labeling machine

1. Heavy-duty construction utilizes oversized drive components combined with an aluminum and stainless steel base frame for years of dependable service.
- 2 Various product infeed systems are available that provide precise product spacing and orientation. It can be used stand alone or integrated in-line and matching filling equipment speed.
- 3 Advanced high torque micro-stepping driven applicators include ratio-offset and speed-following capability for accurate and reliable application of a wide variety of label materials.
- 4 Designed for the application of front and/or back panel labels with the capability to label containers that are round, square, oval or rectangular.



Brief Introduction

- 1.1) Heavy-duty construction utilizes oversized drive components combined with an aluminum and stainless steel base frame for years of dependable service.
- 1.2) Various product infeed systems are available that provide precise product spacing and orientation. It can be used stand alone or integrated in-line and matching filling equipment speeds.
- 1.3) Advanced high torque micro-stepping driven applicators include ratio-offset and speed-following capability for accurate and reliable application of a wide variety of label materials.
- 1.4) Designed for the application of front and/or back panel labels with the capability to label containers that are round, square, oval or rectangular.

Method of Operation

1. the sensor detect the product, transmit the signal to labeling control system;
2. after the signal has been processed by the PLC, a label is send out at an appropriate

time and attach on a desired position of the container;
 3.the container go through the press plate unit,the press wheel lead the rotation of container, the label is pressed to fit smoothly, the labeling operation is finished.

Specifications

Main Material	Stainless Steel 304, Aluminum Alloy 6061
Dimension	L 2100mm×W 900mm×H 1300mm
Voltage	220V/50Hz
Power	1200 W
Production Capacity	1000 bottle/hour
Label Roll Core	76 mm
Label Roll Diameter	350 mm
Label Width	10~110 mm
Label Length	20~360 mm
Bottle Diameter	30~90 mm
Bottle Height	30~200 mm

Electric Configuration

No.	Item	Brand	Origin
1	PLC	Siemens	Germany
2	Touch Screen	WEINVIEW	Taiwan
3	Variable-frequency Drive	Schneider	France
4	Intermediate Relay	Schneider	France
5	Circuit-breaker	Schneider	France
6	Sensor	Panasonic	Japan
7	Stepper Motor Drive	FOYO	China

7. Inkjet date print machine



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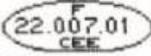
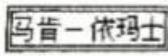
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PRINTING CAPABILITIES ■ ■ ■

2 printing modes	STANDARD SPEED MODE MAX SPEED: 0.60 m/s Standard speed mode	HIGH SPEED MODE MAX SPEED: 1 m/s High speed mode	
Multi-line	9000 SERIES CIJ PRINTERS 3 LINES - 7 DOTS 3 lines, 7 dots	合格 2011/09/16 合格 2014/09/16 2 lines, 7 dots	
Capability to mix different character heights	28/07 15H59 ABCDE L12		
Bold characters	7 DOTS BOLD1 7 DOTS BOLD2 7 DOTS BOLD3		
Chimney characters	W ROH UZ-IZW> P ROH UZ-IZW> ←O DOH(S UI-HΣZW>		
Logos	 markem-imaje 24 dots	 24 dots	 20 dots

8. collection platform



Material: sus304

Length: 1.5m

Width: 0.6m