

# Filling Production Solutions

Filling, capping, labeling, sealing and complete packaging line selection

LEKA Pack Line



## Packaging Line Scope

- Automatic filling equipment
- Capping, sealing and labeling machines
- Complete line configuration from washing to end-of-line packing

## Catalog Sections

Review the main production line and equipment groups available for packaging line planning.

**01 Cover**  
Filling Production Solutions

**02 Contents**  
Product Range

**03-07 Complete Lines**  
Mouthwash, paste/liquid, weighing, liquid and tracking filling lines

**08-11 Filling Machines**  
Brushless, servo, semi-automatic, tracking and anti-corrosion filling

**12-14 Capping / Washing / Sealing / Labeling**  
Capping machines, bottle washers, foil sealers and labeling machines

**15-18 Auxiliary Equipment**  
Spout pouch, packing, bottle unscrambler, checkweigher, carton sealer and cap elevator

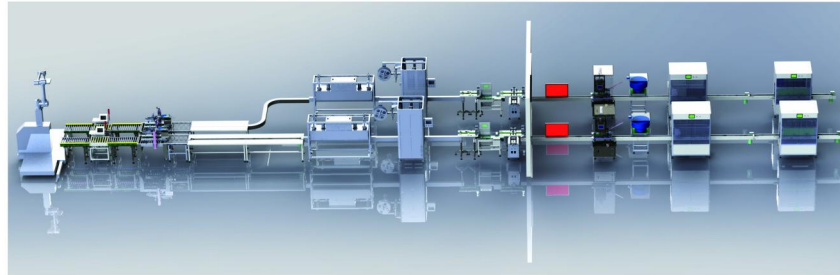
## Product Range

- Filling Production Lines
- Filling Machine Series
- Capping Machine Series
- Bottle Washer Series
- Sealing Machine Series
- Labeling Machine Series
- Other Series
- Auxiliary Equipment

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Each section is organized to help buyers review machine types, line configuration, suitable products and key selection parameters.

Complete Filling Line

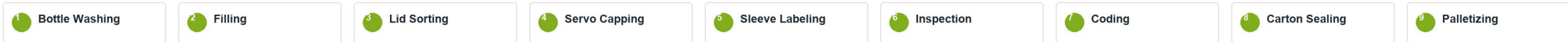


Complete line layout reference

## Line Highlights

- Smart tracking digital screen for line status
- Independent control system for each machine
- Suitable for mouthwash and similar water-based liquid products

## Process Flow



Item	Specification
Typical Capacity	2400-3500 bottles/hour
Reference Volume	500ml
Filling Unit	10-Head Filling Machine
Bottle Cleaning	10-Head Bottle Washing Machine
Capping	Servo Capping Machine
Inspection	Light Inspection + Weight Rejection

## Line Planning Notes

The line can be reviewed by process stage, suitable product type, capacity target and downstream packaging requirements.

Configuration can be reviewed according to product type, bottle size, capacity target and factory layout.

**Complete Filling Line**



Complete line layout reference

## Line Highlights

- 2-meter work platform with six-head and eight-head filling options
- Four-wheel servo capping and claw-type servo capping in one line
- Weighing inspection, rejection and carton sealing for downstream packing

## Process Flow



Item	Specification
Typical Capacity	2000-3200 bottles/hour
Reference Volume	500ml
Filling Units	6-Head / 8-Head Filling Machine
Capping Units	Four-Wheel Servo + Claw-Type Servo Capping
Inspection	Weighing Inspection and Rejection

## Line Planning Notes

The line can be reviewed by process stage, suitable product type, capacity target and downstream packaging requirements.

Configuration can be reviewed according to product type, bottle size, capacity target and factory layout.

**Complete Filling Line**

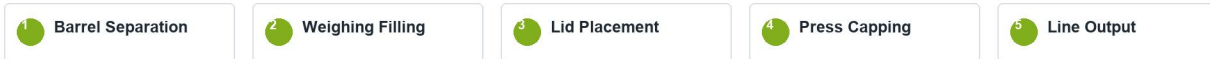


Complete line layout reference

## Line Highlights

- Large-capacity weighing filling for barrels and pails
- Automatic lid placement can be paired with a capping machine
- Suitable for cleaning agents, water-based coatings, lubricating oils and glass water

## Process Flow



Item	Specification
Models	LEKAST-CZ0A / LEKAFL-CZ01 / LEKASG-CZ03
Filling Range	5L-30L
Container Diameter	150-300mm
Voltage	220V 50Hz
Air Pressure	0.4-0.6Mpa

## Line Planning Notes

The line can be reviewed by process stage, suitable product type, capacity target and downstream packaging requirements.

Configuration can be reviewed according to product type, bottle size, capacity target and factory layout.

**Complete Filling Line**



Complete line layout reference

### Line Highlights

- High-precision brushless motor and 316L gear pump filling
- Servo submersible filling for high-foam liquid products
- Servo four-wheel capping and water-cooled aluminum foil sealing

### Process Flow



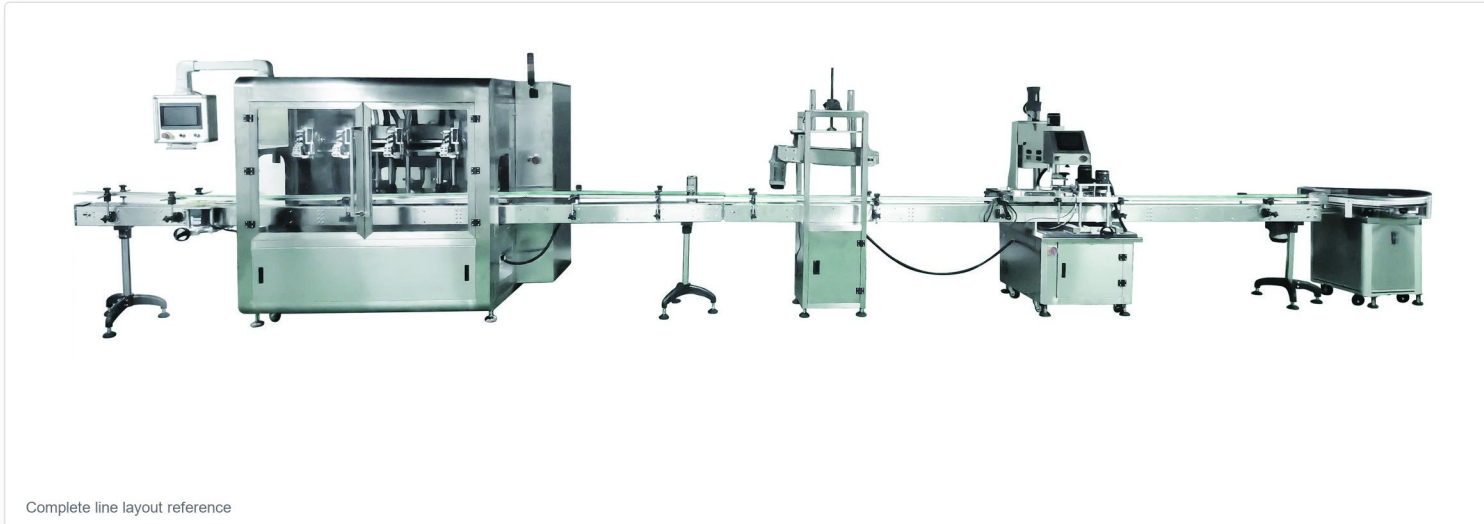
Item	Specification
Models	LEKAFL-6L-12T / LEKALG-450D / LEKACP-SFA01 / TZD-GLF4000
Typical Speed	3000-4000 bottles/hour
Products	Windshield washer fluid, mouthwash, antifreeze, disinfectant, alcohol
Main Filler Size	165 x 95 x 172cm

### Line Planning Notes

The line can be reviewed by process stage, suitable product type, capacity target and downstream packaging requirements.

Configuration can be reviewed according to product type, bottle size, capacity target and factory layout.

**Complete Filling Line**



Complete line layout reference

## Line Highlights

- High-precision servo motor controlled gear pump
- Following filling for high-viscosity material products
- Servo four-wheel capping, bottle collection and aluminum foil sealing

## Process Flow



Item	Specification
Models	LEKAFLJZZ-4T / LEKALG-450D / LEKACP-SFA01 / TZD-GLF4000
Typical Speed	3000-4000 bottles/hour
Filler Power	4KW
Filler Size	200 x 130 x 175cm
Products	Laundry detergent, dish soap, creams, lubricants, conditioners, gels

## Line Planning Notes

The line can be reviewed by process stage, suitable product type, capacity target and downstream packaging requirements.

Configuration can be reviewed according to product type, bottle size, capacity target and factory layout.

Product Detail



### 10-Head Brushless Filling and Capping

#### LEKAFLX-WS-6L-10T

- Brushless motor-driven gear pump filling
- Applicable to liquid preparations, viscous liquids and oils
- Equipment dimension listed as 8m x 1.2m x 1.7m



### 6-Head Servo Filling and Capping

#### LEKAFLX-6TSFA

- Servo filling configurable by product requirement
- Three-claw servo capping with servo lifting
- Equipment dimension listed as 6m x 0.95m x 1.7m

## Key Parameters

Item	Specification
Filling Volume	20-1000ml / 500-5000ml
Speed Range	1800-3400 bottles/hour based on 500ml
Filling Error	±1%-5‰
Electrical Components	Xingchen, Airtac, Xinjie, Panasonic, SICK

### Selection Focus

Match filling range, material viscosity, container type, cap format, line speed and factory layout before final machine configuration.

**Product Detail**



**4-Head Servo Filling Machine**

**FLSF-04-A**

- 240-480 barrels/hour
- 3.2KW
- 400 x 105 x 175cm



**12-Head Oil Servo Filling Machine**

**FLSF-RHY12-B**

- 2600-3600 bottles/hour
- 7.5KW
- 600 x 105 x 175cm



**6-Head Servo Filling Machine**

**FLSF-06-C**

- 2000-2800 bottles/hour
- 4.0KW
- 400 x 95 x 175cm



**Single-Head Filling Options**

**FLDT-CLB01 / FLDT-HGZ01 / FLDT-ZZB01**

- Magnetic pump, high-temperature and rotary lobe pump options
- 1.5KW / 3.0KW / 1.5KW
- 200 x 85 x 170cm

## Key Parameters

Item	Specification
Voltage	220V 50Hz
Air Pressure	0.4-0.6Mpa
Pump	316 Gear Pump / Oil Pump
Frame	304 Stainless Steel

## Selection Focus

Match filling range, material viscosity, container type, cap format, line speed and factory layout before final machine configuration.

Product Detail



**Single-Head High-Speed Gear Pump Filling**

**Semi-SF01**

- Filling accuracy ±0.3%
- Simple single-head operation



**Semi-Automatic Multi-Head Filling**

**Semi-CLB02 / Semi-CLB04**

- Manual pedal or automatic mode
- Self-priming and hopper dual feeding



**Piston Three-Way Filling**

**Semi-HS01**

- For paste and liquid with particles
- Piston filling structure



**Brushless Liquid Filling**

**FLWS-CLB06 / FLWS-CLB06-12L / FLWS-CLB12**

- 10-5000ml / 100-10000ml ranges shown in source
- 12-head water filling speed 3000-4000 bottles/hour

## Key Parameters

Item	Specification
Accuracy	±0.3% for listed semi-automatic filling models
Pump	316 Gear Pump
Air Pressure	0.4-0.6Mpa

## Selection Focus

Match filling range, material viscosity, container type, cap format, line speed and factory layout before final machine configuration.

Product Detail



**Two-Head Tracking Servo Filling**

**FLSFZ-02-A / FLSFZ-02-B**

- Following filling
- Gear pump / rotor pump filling



**Four-Head Tracking Servo Filling**

**FLSFZ-04-B**

- Filling while bottles move
- Range shown on source page



**Anti-corrosion Servo Filling**

**FLFF-02-A / FLFF-10-B**

- Anti-corrosion pump
- For corrosive liquid applications



**Anti-corrosion Filling Production Line**

**FLFFX-10-B**

- 10-head anti-corrosion filling line
- XINJE PLC touchscreen

## Key Parameters

Item	Specification
Voltage	220V 50Hz
Air Pressure	0.4-0.6Mpa
Frame	304 Stainless Steel and Aluminum Parts
Pump Options	316 Gear Pump / Rotor Pump / Anti-corrosion Pump

## Selection Focus

Match filling range, material viscosity, container type, cap format, line speed and factory layout before final machine configuration.

Product Detail



**Servo Four-Wheel Capping**

**LEKACP-SF-A / LEKACP-SF-B**

- Servo lifting adjustment
- XINJE PLC and touchscreen



**Claw-Type Servo Capping**

**LEKACP-SF-C**

- Claw-type servo capping
- Dust cover and cantilever operation screen



**Standard Capping Machine**

**LEKACP-A / LEKACP-B / LEKACP-C**

- 2m packaging line platform
- Can be used standalone or integrated into a line

## Key Parameters

Item	Specification
Voltage	220V 50Hz
Air Pressure	0.4-0.6Mpa
Conveyor Motor	750W with Frequency Converter
Frame	304 Stainless Steel, Aluminum Parts

## Selection Focus

Match filling range, material viscosity, container type, cap format, line speed and factory layout before final machine configuration.

Product Detail



**Anion Pneumatic Bottle Washer**

**LEKAXPJ-06-A / LEKAXPJ-10-B**

- Anion blow dust removal
- Dried clean compressed air
- Customizable 6-12 heads



**Gas Washing Machine**

**LEKAXPJ-08-C**

- Flip-type air blow bottle washing
- Optional XINJE / Siemens controls

**Key Parameters**

Item	Specification
Air Pressure	0.4-0.6Mpa
Bottle Types	Plastic, glass and composite bottles
Frame	304 Stainless Steel, Aluminum Parts
Blower	Ruijing Brand

**Selection Focus**

Match filling range, material viscosity, container type, cap format, line speed and factory layout before final machine configuration.

Parameter Comparison




**Aluminum Foil Sealing Machine**  
**LEKA-GLF-1900 / LEKA-GLF-4000**

- Sealing range 15-60mm / 40-120mm
- 0-200 bottles/minute



**Single-Side Square Bottle Labeling**  
**LEKALB-FP-A**

- Automatic positioning
- Variable frequency speed regulation



**Round Bottle Positioning Labeling**  
**LEKALB-DW-B**

- Intelligent touch screen
- Built-in labeling path diagram



**Double-Sided Labeling Machine**  
**LEKALB-SM-C**

- Automatic bottle separation
- Suitable for multiple bottle types

## Shared Technical Configuration

Item	Specification
Voltage	220V 50Hz
Air Pressure	0.4-0.6Mpa
Switching Power Supply	Taiwan Mean Well
Detection Sensor	Panasonic / SICK

### Application Notes

Use sealing range, bottle shape, label position and required automation level to select the suitable sealing or labeling configuration.

**Auxiliary Equipment**



**Suction Nozzle Bag Filling and Capping Machine**

**LEKAGDJ-04-B**

- 4-station rotary filling and capping
- Customizable 2-10 filling heads
- No-pouch stop and cap detection



**Inflatable Bag Roll Wrapping Machine**

**LEKAJBJ-A**

- Adjustable fabric tightness
- Manual loading, automatic rolling and unloading
- Width 120-200cm; length 300-500cm

## Technical Parameters

Item	Specification
Air Pressure	0.4-0.6MPa
Power Supply	AC220V 50Hz
Main Unit Dimensions	1.32 x 1.7 x 1.53m
Conveyor Belt Motor	750W with Frequency Converter

Auxiliary machines can be matched with the filling, capping, sealing, labeling and end-of-line packing flow according to the project layout.

**Auxiliary Equipment**



**Packing Machine**

- Custom-designed by bottle and carton
- Automatic positioning, grasping and box loading
- External dimensions 2.0 x 1.47 x 2.19m



**Bottle Unscrambler / Bottle Receiving Machine**

- Bottle diameter 40-100mm
- Turntable diameter 800mm
- Production capacity 60-120 bottles/minute

## Technical Parameters

Item	Specification
Bottle Unscrambler Size	1000 x 800 x 900mm
Weight	50kg
Power Supply	AC220V 50Hz
Conveyor Motor	750W AC motor with frequency converter

Auxiliary machines can be matched with the filling, capping, sealing, labeling and end-of-line packing flow according to the project layout.

Auxiliary Equipment



**Inline Checkweigher**

**CZ-400**

- Maximum capacity 10kg
- Minimum graduation 0.1g
- Detection speed 50-60 pieces/min



**Checkweigher Structure**

- Touchscreen operation
- Push plate rejection
- SUS304 frame structure

## Technical Parameters

Item	Specification
Detection Accuracy	±0.5g-1g product-dependent
Product Size	L 0-500mm / W 0-400mm / H >1mm
Belt Height	750±50mm customizable
Power Supply	220V 50-60Hz

Auxiliary machines can be matched with the filling, capping, sealing, labeling and end-of-line packing flow according to the project layout.

Auxiliary Equipment



**Carton Sealing Machine**

- Belt speed 18m/min
- Carton range L 150-500mm, W 150-500mm, H 120-500mm
- Machine dimensions 1650 x 850 x 1350mm



**Cap Elevator**

- Conveys plastic and metal caps
- Size 1200 x 780 x 2320mm
- Weight 100kg

## Technical Parameters

Item	Specification
Carton Sealer Power	240W
Tape Size	48 / 60 / 75
Table Height	600-800mm
Power Supply	220V 50/60Hz 1 Phase; cap elevator 220V 50Hz

Auxiliary machines can be matched with the filling, capping, sealing, labeling and end-of-line packing flow according to the project layout.