



**DOYBAG PACKING MACHINE  
WATERPROOF COMBINATION WEIGHER**

**LH PACKAGING BV**

[Http://www.lhpackaging.nl](http://www.lhpackaging.nl)

Blend of traditional and innovative modern design, is the market demand, combined with technology, especially the world's leading research and development.  
Radian beautiful, elegant curves, simple style with full details of Continental grade;

# LH-300 Doybag packing machine

LH PACKAGING BV  
http://www.lhpackaging.nl

# LH-430 Doybag packing machine



With one head weigher



Bag feeding



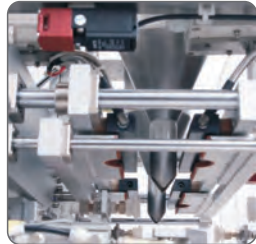
Bag open and filling



Products settle device



Date coding



Grip seal(For Quad bag)



Products settle device

## Applications

Suitable for the products like:granule/powder/liquid/paste.Any other daily food or non-food materials.

### Technical Features:

Easy operation / adjustable
Low maintain cost
Multi-bag format
No bag no dump
Interlock
SS304 machine frame&contact parts

### Optional device :

SMC pneumatic component
Dater printer/ink-printer
Product settle device
Gas flush/vacuum
Grip seal
Zip opener(LH-300/430)
Gusset device(LH-430)



## Technical parameter

Model	LH-300	LH-430	LH-Duplex
Bag type	3 side sealing sachet/ stand up bag(doypack bag)-LH300/430/Duplex Zipper bag /box pouch-LH300/430 Gusset/Quad bag-LH-430		
speed	5-15 bags / min	5-15 bags / min	10-30 bags / min
Bag size	width: 100mm ≤ W ≤ 300 mm	width: 100mm ≤ W ≤ 300 mm	width: 100mm ≤ W ≤ 200 mm
	length: 100mm ≤ L ≤ 300 mm	length: 100mm ≤ L ≤ 430 mm	length: 100mm ≤ L ≤ 300 mm
Power supply	220V / 50HZ / 60Hz, single phase / 1.5kw		
Air consumption	0.5m <sup>3</sup> / min 0.65Mpa		
Machine dimension	L: 1750mm * W:510mm *H: 1300mm	L: 1750mm * W:510mm *H: 1650mm	L: 1630mm * W:750mm *H: 1450mm
Mechanical building	Ss304 3mm thick chassis / bearing / connecting parts;		
Electrical configuration	PLC Mitsubishi from Japan (Siemens is optional)		
	PID temperature control	Omron	
	5.7 inch color touch screen	Delta from Taiwan (Siemens is optional)	
Pneumatic configuration	Pneumatic component	AirTAC from Taiwan	
	vacuum generator	PIAB from Sweden	
Security self-locking	Security self-locking		





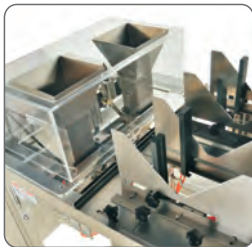
LH-Duplex doypack machine

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LH series 10/14 head waterproof combination weigher  
mini weigher/Dimple plate weigher



Weigher with diverter device



Duplex feeding



With linear weigher



With linear weigher



2head Linear weigher



4head Linear weigher



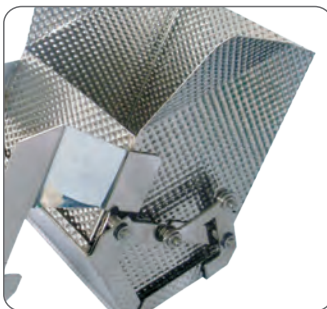
Mini weigher



10/14head combination weigher



10/14 head dimple plate weigher



Dimple plate

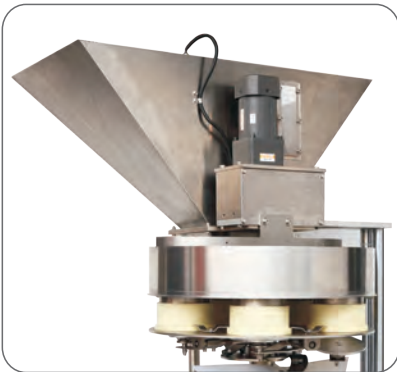
Type of bags



Picture of auxiliary measure equipment



Auger/Screw feeding device for powder



Cup volumetric device for granule product



Filling device for liquid/Paste

Auxiliary measure equipment:

- A. 2/4head Linear weigher (Speical for small granule like rice sizes), 10/14 head Combination weigher, Cup volumetric device for granule product.
- B. Auger/Screw feeding device for powder.
- C. Filling device for liquid/Paste.

Main Optional Accessories

- A. Products measurement equipment. Like weigher/Liquid and paste filler.
- B. Platform for weigher.
- C. Material Elevator
- D. Production out put elevator
- E. Metal detector

Weigher technical parameter

Model	LH-LW2 Linear weigher		LH-LW4 Linear weigher		LH-W10-0.5L Mini Combination Weigher	LH-W10-1.6L/2.5L Combination Weigher		LH-W14-1.6L/2.5L/5.0L Combination Weigher		
	LH-LW2(1')	LH-LW2(2')	LH-LW4(1')	LH-LW4(2')	LH-W10-0.5L LH-W14-0.5L	LH-W10-1.6L	LH-W10-2.5L	LH-W14-1.6L	LH-W14-2.5L	LH-W14-5.0L
Max. Cap.(g)	100-3000g	500-10000g	20-2000g	3-200g	2-200g	50-800g	800-1500g	50-800g	800-2000g	100-3000g
Weighing Accuracy	0.5-3g	1-10g	0.2-2g	0.1-1g	0.1-1g	0.2-1.5g	±0.2-2g	0.2-1.5g	0.2-2g	0.2-3g
Hopper Volume	5000ml	15000ml	3000ml	500ml	500ml	1600ml	2500ml	1600ml	2500ml	5000ml
Packing Size L*W*H(mm)	1160*1030*1260mm		909*783*1250mm		1200*980*980mm	1680*1100*1200mm		1700*1200*1300mm		2200*1400*1800
Gross Weight	210KG		210KG		180KG/250KG	380KG		480KG		650KG



LH6-200/ LH8-200 Rotary Pre-made bag filling and sealing machine

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With combination weigher



Bag feeding

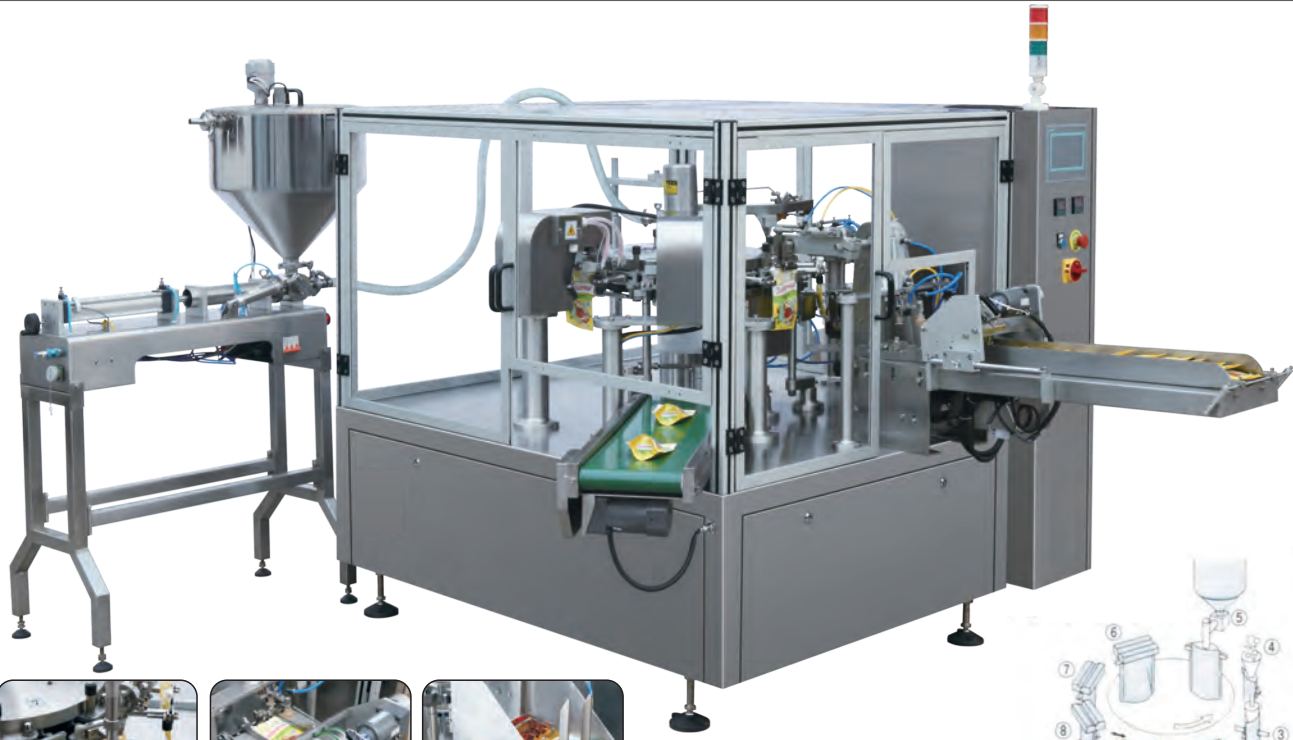


Filling



Sealing

LH8-200L Rotary Pre-made bag liquid/paste filling and sealing machine



Filling

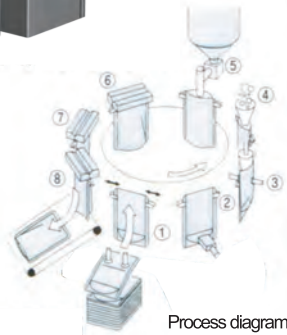


Bag on type 1



Bag on type 2(different machine)

- ① Bag on
- ② Coding
- ③ Bag open 1
- ④ Bag open 2
- ⑤ Filling
- ⑥ Placement
- ⑦ Sealing
- ⑧ Output



Process diagram

Applications

- A. Solid: candies, chocolate, rock candy, cookies, cakes, peanuts, green beans, pistachios, nuts, cooked food, pickles, puffed food, daily necessities, etc.
- B. Granule: MSG, chicken, sugar, melon seeds, nuts, capsules, granular medicines, seeds, feed, pesticides, fertilizers, chemical raw materials.
- C. Powder: spices, monosodium glutamate, salt, glucose, refined sugar, milk powder, detergent powder, pesticides, fertilizers, chemical raw materials, etc.
- D. Liquid: wine, soy sauce, vinegar, fruit juice, beverage, detergent, etc.
- E. Thick liquid: tomato sauce, peanut butter, jam, chili sauce, bean paste, etc.
- F. Additionally, other materials can be bagged by the rotary pre-made bag packaging machine.

Technical parameter

Model	LH6-200	LH8-200	LH8-200L
Working position	6	8	
Bag types	Standup bag, portable bag, zipper bag, 4-side sealing bag, 3-side sealing bag, paper bag, etc., and all kinds of compound bags		
Bag sizes	W:80-200mm L:100-350mm		
Packing speed	10-60 bags/min (depending on the product and filling weight)		
Package accuracy	Error ≤ ± 1%		
Compressed air	≥ 0.4m <sup>3</sup> /min		
Power	2KW 2.5KW		4KW
Dimension L*W*H	1470*1320*1450	1560*1420*1450	Depend on the pump filler sizes, accorind to the filling capacity.

Main Features

- A. Pouch type: The rotary pre-made bag packaging machine suits all kinds of pre-made pouches such as flat and stand-up pouches (with/ without zip).
  - B. Easy to operate: SIEMENS PLC controller, SIEMENS HMI system, fault indication on the touch screen.
  - C. Easy to adjust: only about 10 minutes to change different pouches.
  - D. Frequency control: speed can be adjusted by frequency conversion within the range.
  - E. High Automation: The bag packing machinery is unmanned in weighing and packing process, and alarms automatically in case of failure.
- Safety and Hygiene
- A. LH rotary pre-made bag packaging machine provides no fill, no seal as well as auto alarm when there is no pouch/ incorrect pouch opening.
  - B. The packaging machine will automatically alarm and stop in case of inadequate air pressure.
  - C. The rotary pre-made bag packaging machine, installed with safety guards with safety-switches, provides auto alarm and stop when the safety guards are opened.
  - D. The bag packing machinery has hygienic structure, and the parts that touch products are made of sus304 stainless steel.
  - E. The rotary pre-made bag packaging machine comes with oil-free vacuum pump to avoid pollution to the production environment.



Bag Samples



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