



## **'Green Revolution' of Fried Snack Foods**

**Qingdao Liuyi Machinery Co., Ltd.** Web: [www.vacuum-fryingmachine.com](http://www.vacuum-fryingmachine.com)

# **Vacuum Frying Machine Catalog**

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Overseas Customer Service

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**Qingdao Liuyi Machinery Co., Ltd. leads the 'green revolution' of fried snack foods.**

Our company is located in Qingdao, a beautiful coastal city. Our most advanced technology fully Automatic Vacuum Frying Machine has greatly increased the economic value of fruits and vegetables, which deserves high reputation from our customers.



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Liuyi Machinery can provide customers with one-stop service such as design, installation, testing, training and other after-sales services. We are committed to solving various problems in food processing for our customers and achieve win-win success.

### Specifications for vacuum frying machine:

SPECIFICATIONS			
Model	VF-LY50	VF-LY100	VF-LY200
Raw Material Input	30kg-50kg	80kg-100kg	170kg-200kg
Machine Material	food grade SS304	food grade SS304	food grade S304
Basket size	Φ600mm*H500mm	Φ750mm*H530mm	Φ1200mm*H600mm
L*W*H	1400*3500*2500mm	1800*4000*2900mm	2500*4500*3100mm
Oil Volume	300-500kg	600-800kg	1000-1200kg
Vacuum Degree	0.096-0.098mpa	0.096-0.098mpa	0.096-0.098mpa
Steam Pressure	4-8kg	4-8kg	4-8kg
Frying Temperature	75-110℃	75-110℃	75-110℃
Oil Pump	3kw	5.5kw	7.5kw
Vacuum Pump	7.5kw	11kw	15kw
Roots Pump(certain place suggested)	3kw	3kw	3kw
Electric motor for Frying and De-oiling	1.5kw	2.2kw	3kw
Batch time	30-150min	30-150min	30-150min
Heating Method	steam/electricity/thermal oil	steam/electricity/thermal oil	steam/electricity/thermal oil
Total Power Required	15kw	22kw	30kw
Voltage and Frequency	as per different country	as per different country	as per different country
Boiler	200kg/H	200kg/H	300kg/H



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### Specifications for vacuum oil filter tank:

SPECIFICATIONS		
Model	VFF-LY1200	VFF-LY1600
Diameter	Φ1200mm	Φ1600mm
Machine Material	food grade SS304	food grade SS304
Height	1500mm	2600mm

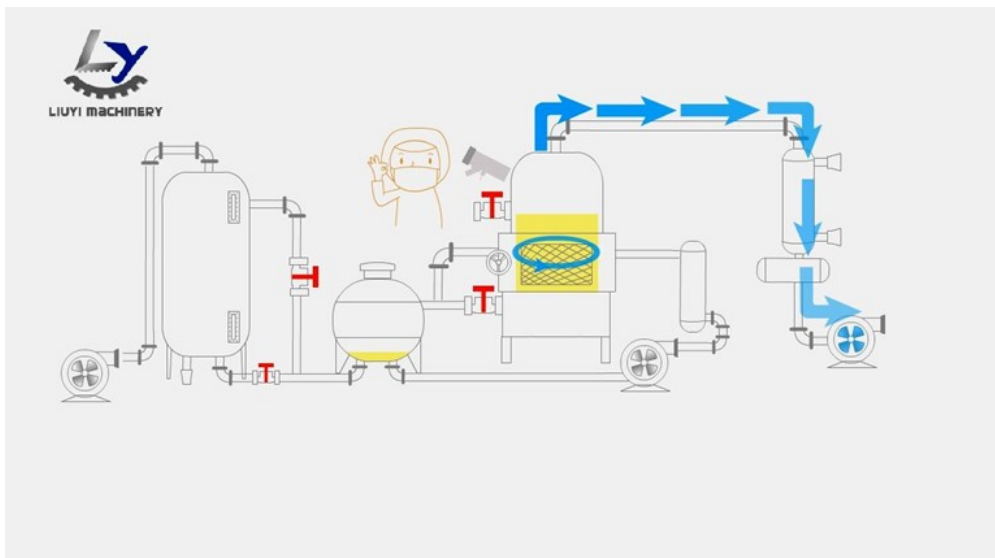
### Whole Working Process

#### 1. Frying Steps

putting material in--vacuuming by pump--heating ( $\pm 90^{\circ}\text{C}$ )--putting oil in--frying--putting oil out--swing the fried chips and make the oil out--breaking vacuum--taking out the product.

#### 2. Oil Cleaning Steps

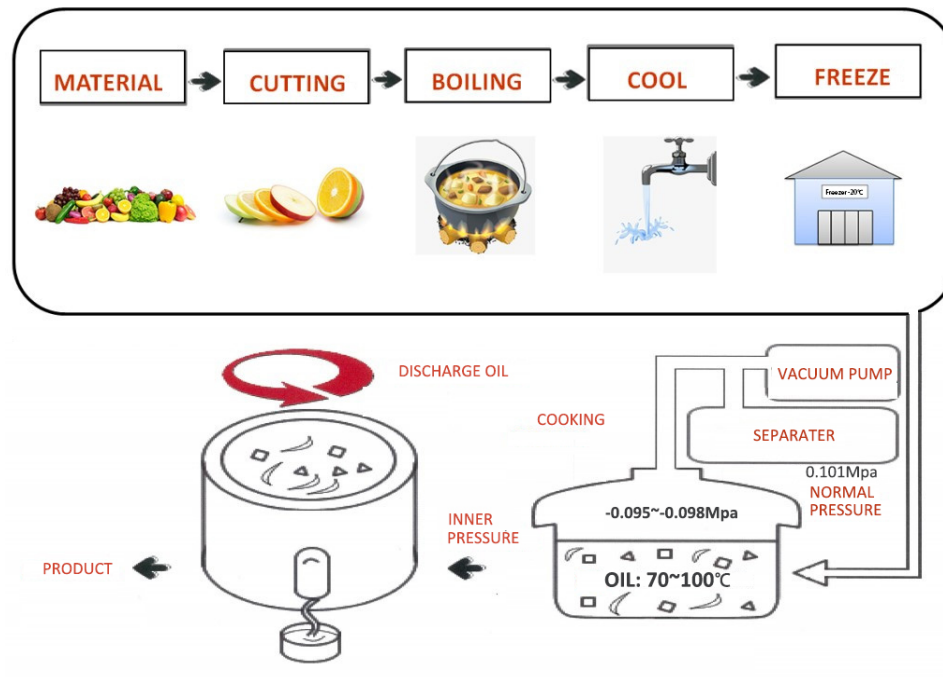
putting water in the cleaning oil tank--vacuuming by pump--putting oil in cleaning oil tank--heating the oil and water--taking out the water with dirty oil.





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### Liuyi Vacuum Frying Machine Advantage

1. The heating speed is fast, only need 8-13mins to reach required temperature. The oil cycle area is 35-40m<sup>3</sup>.
2. Fully automatic computer control from feeding to de-oiling. 1 person can operate 5 sets.
3. Equipped most advanced vacuum pump, including our own design. The vacuum degree can be maintain -0.098mpa all the time. The noise can be controlled below 60db.
4. The de-oiling speed is 300r/min. It also can be changed according to different products.
5. Reasonable oil inlet design keep the even oil washing. The product has good color.



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### Applications:

- 1) **Fruits:** Apple, Banana, Pineapple, Peach, Jackfruit etc.
- 2) **Vegetables:** Okra, Carrot, Pumpkin, Snap bean, Sweet potato, Taro, Potato, Garlic, Green Pepper, Onion, etc.
- 3) **Nuts:** cashew nut, Peanut, etc.
- 4) **Seafood:** shrimp, crab, fish, etc.
- 5) Poultry.





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Technology change life. We will bring technology into more and more food processing enterprises. Welcome to Qingdao Liuyi Machinery Co., Ltd.!

**Welcome to visit our factory and make frying test!**  
**If you have any questions, please feel free to contact me.**

Best Regards