



Multifunctional colloid mill

10 Management Systems

—————**Zhengzhou Lerford Machinery Equipment Co.,ltd.**

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PART 01

Product Introduction



Type



Full 304 stainless steel



Full 304 stainless steel
90% of people choose

304 stainless steel + Carbon steel



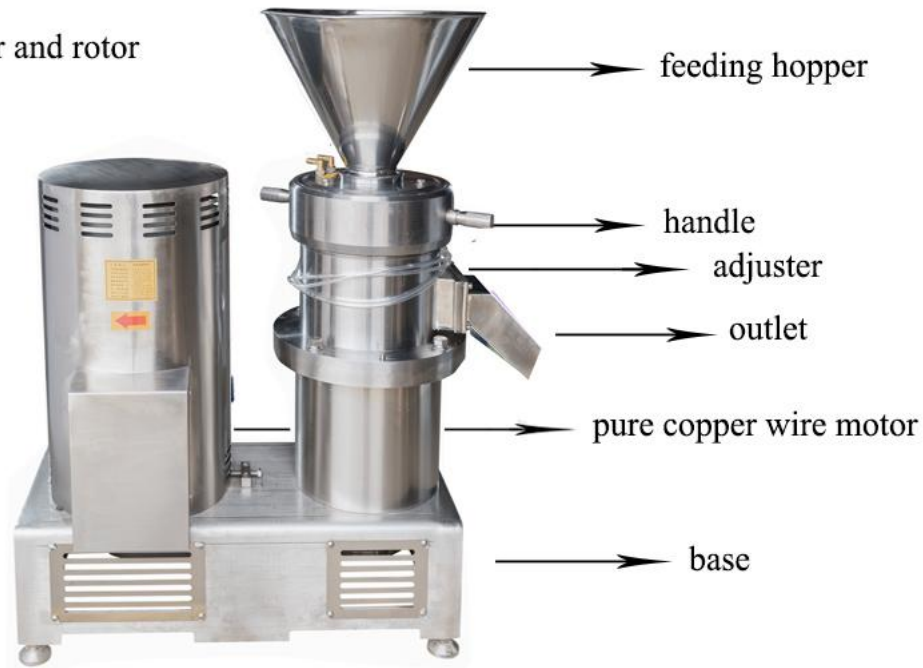
304 stainless steel + Carbon steel
10% of people choose



Machine structure



stator and rotor



Composition structure

feeding hopper

handle

adjuster

outlet

pure copper wire motor

base

Size



Model	WSS-50	WSS-80	WSS-110	WSS-130	WSS-180
Output size	50-100 mesh	50-100 mesh	100-200 mesh	100-200 mesh	100-200 mesh
Capacity (kg/h)	10-15	30-70	150-200	300-500	800-1000
Power	1.1kw	4kw	7.5kw	15kw	22kw
Dimension (mm)	530*260*580	640*410*900	700*430*980	830*440*1100	830*490*1100
Weight(kg)	50	150	175	285	340
EXW price (stainless steel)	\$1590	\$2290	\$2990	\$3590	\$4290

Prices are not fixed; please contact us to obtain an actual quote.



Capacity



Model: WSS-50
Output size: 50kg/h



Model: WSS-50
Output size: 50kg/h



Model: WSS-50
Output size: 50kg/h



Model: WSS-50
Output size: 50kg/h

Model: WSS-50
Outputsize: 50kg/h





• Production

Colloid Mill/Peanut butter machine/Jam machine



Working principle:

Colloid mill is processed by cutting, grinding and high-speed stirring. Grinding is carried out by the relative movement of the disc-shaped inclined planes. One rotates at high speed and the other is stationary, so that the material is subjected to huge shear force and friction, achieving effective grinding, emulsification, crushing and dispersion



Food raw materials

Fruits and vegetables



Fruits and vegetables:

tomato sauce, chili sauce, garlic sauce, strawberry sauce, blueberry sauce, etc.

Nuts



Nuts:

peanut butter, sesame butter, hazelnut butter, cocoa butter, etc.



Finished product:

Runxiang

Raw material and final products



Can grind peanut butter, sesame butter, and other nut butters

It can grind all kinds of wet materials, such as grinding peppers to make pepper sauce, grinding tomatoes for making ketchup, etc.





• Scope of application



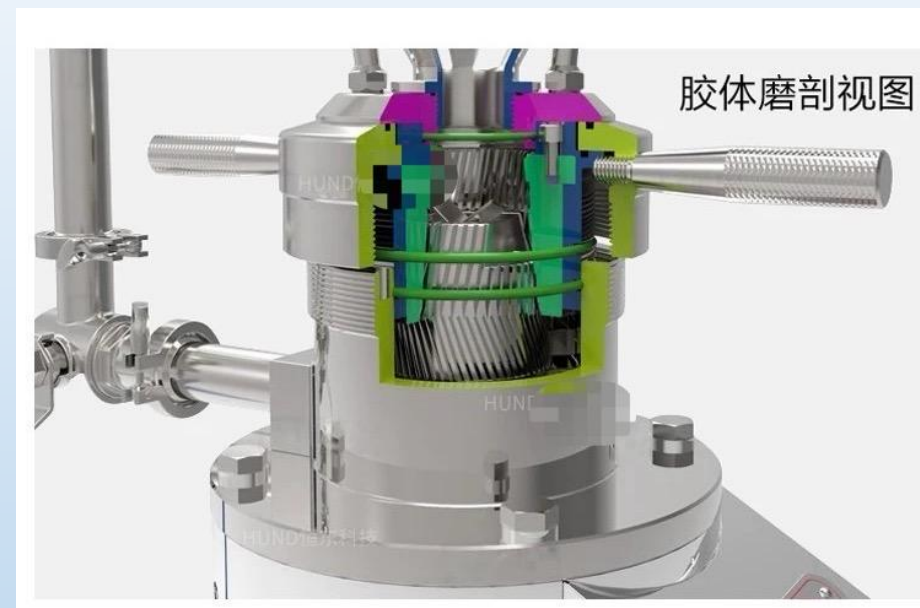
Food industry: production of peanut butter, ketchup, and chili sauce

Chemical industry: paints, coatings, lubricants, adhesives, and synthetic leather;

Other industries: plastics, textiles, papermaking, and rare earths; Daily chemicals: toothpaste, detergents, high-end cosmetics, and soaps



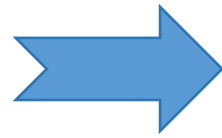
- Machine of Details:



National standard pure copper motor,
stronger and more stable power,
low decibel and low noise operation



Machine of Details:

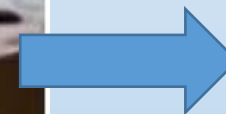
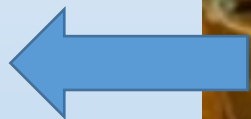


Our machines are all 304 stainless steel.

Galvanizing of carbon steel, an important part of other machines.

The core parts of the machine

Ours



Others

Machine of Details:

our

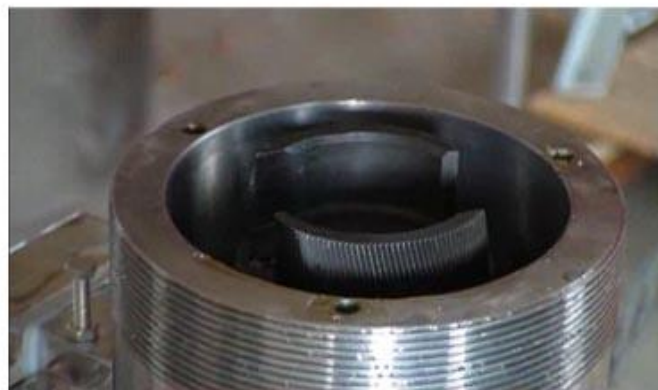
other



Machine operation and maintenance

Runxiang

Details of machine



Operation and maintenance points

Before starting:

Cooling water is required to avoid idling and damage to the seal.

Material requirements:

Do not mix in hard objects such as metal chips and quartz sand. It is recommended to sieve (such as 15 mesh).

Maintenance:

Check the wear of the grinding disc regularly, use a wooden hammer to disassemble, and avoid directly hitting the precision parts.

Production Line

Peanut butter production line:

1. Peanut shelling machine
2. Peanut Roasting machine
3. Peanut peeling machine
4. Peanut butter making machine
5. Peanut Butter Mixing Tank
6. Peanut Butter Filling





Production Line



Peanut Sheller machine

Power:4kw
Capacity:400-600kg/h
Size:1470*1020*1650mm
Function: Remove the hard shell outside of peanuts



Peanut Roast machine

Power:3kw
Capacity:500kg/h
Size:2100*1000*1500mm
Function: Stir-fry the peanuts for easy peeling



Peanut peeling machine

Power:2.2kw
Capacity:400-500kg/h
Size:1050x600x1050mm
Function: Dry peanut skin peeling machine



Peanut butter machine

Power:15kw
Capacity:300-500kg/h
Size:830*440*1100mm
Function: Ground into peanut butter



Peanut Butter Mixing Tank

Capacity:335L/time
Size:1100mm
Function: Peanut butter blender, make it more uniform



Peanut Butter Filling

Filling Range: 50-500ml
Gas Pressure: 0.4-0.6MPA
Filling Speed: 10-40 bottles/min
Voltage: 220/110v 50/60HZ
Function:Packaging and filling of peanut butter





Tomato sauce production line

Production line machines:

1. Bubble Washing Machine

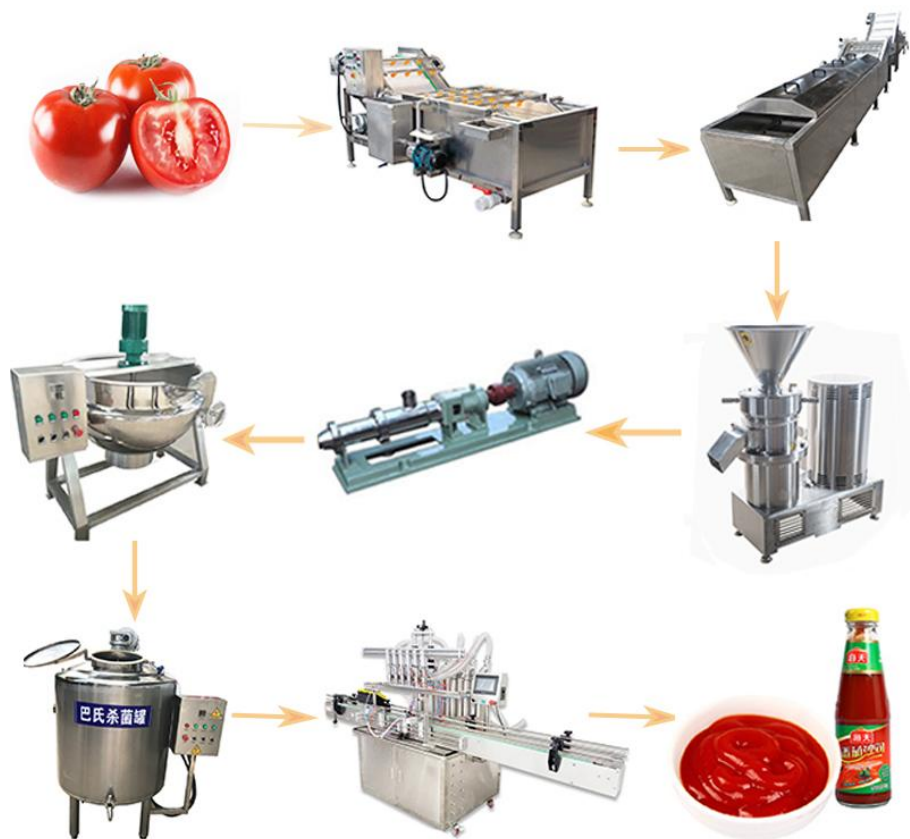
2. Tomato Blanching Machine

3. Tomato Paste Making Machine

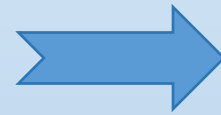
4. Cooking Pot

5. Pasteurization Equipment

6. Automatic Liquid Paste Packing machine



Machine Operation



Jarred peanut butter

Usually packaged in glass or plastic jars,

Due to its large capacity, high cost-effectiveness and diverse uses, it is widely used in households, catering and food processing

Automatic Liquid Paste Packing machine



Bag ketchup:

Due to its convenience, hygiene, and precise control of dosage, it is suitable for a variety of scenarios such as home, catering, outdoor, and children's food, especially suitable for fast-paced life and standardized food supply needs



PART 02

Seven Management Systems





1. Supply System



1.1

**Raw
Material**



1.2

**Steel raw
material**



1.3

**Blades,
Knives**



1.4

**Pure copper
motor**



1.5

**Painting
process**



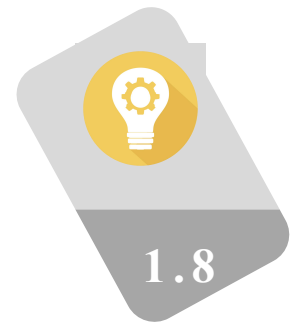
1.6

**Production
line
machines**



1.7

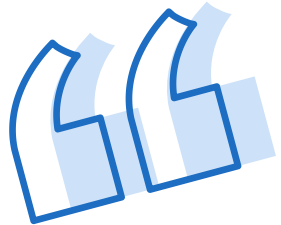
Qualification



1.8

**Production
Capacity**





1.1. Alibaba Qualifications



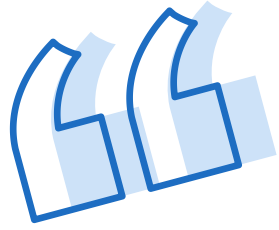
Golden Supplier



SGS



Top 1 Alibaba Supplier

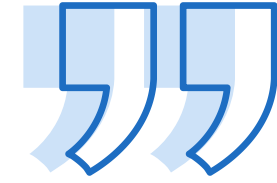


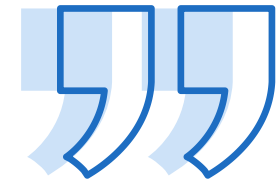
1.2. MADE IN CHINA Qualification





1.3. Patent Qualifications





7.3. Our Attitudes

I hope you could contact us in time no matter what the problem is, we will give you a feedback within 30 minutes.

Our goal is to continue to optimize our products for better services, and hope you could have better experiences here in long term cooperation.





PART 03

About US



3.Trade Show



Nigeria & Uzbekistan Exhibition in 2024 year
We will go to 2 countries for one year at least




4. Registered Trademark



TMZC49579101D01T210618

第 49579101 号

商 标 注 册 证



核定使用商品/服务项目（国际分类：7）
第7类：农业机械；打谷机；播种机（机器）；扬谷机；农用耕作机；制食品用电动机械；食品包装机；制茶机械；电动制饮料机（截止）

注 册 人 郑州润翔机械设备有限公司

注册人地址 河南省郑州市高新技术产业开发区金梭路41号西城科技大厦B601号

注册日期 2021年05月28日 有效期至 2031年05月27日

局 长 申长雨 发证机关



5. Customers Visiting



Nepal Customer



Congo Customer



Ivory Coast Customer



5.1 Visiting Customers



In Iraq



In France



In Egypt



6. Customers Cooperation



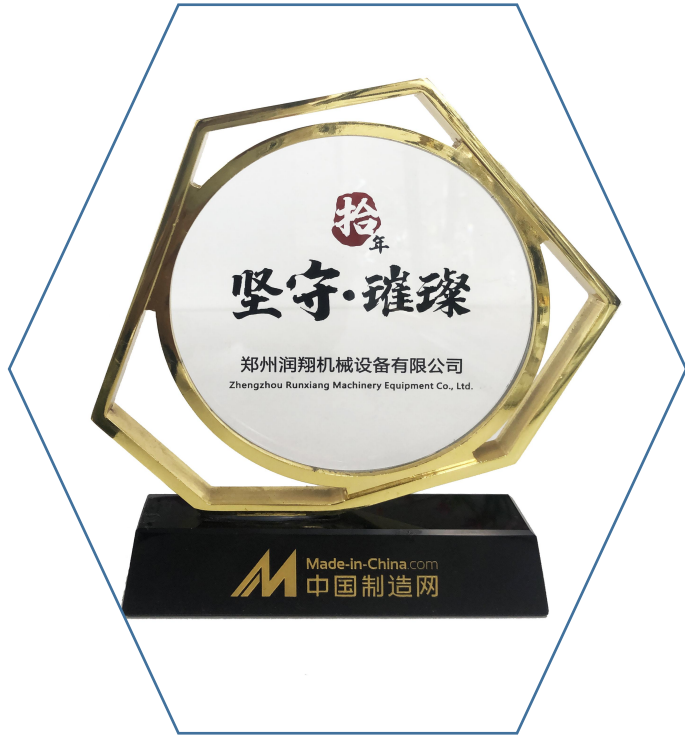
Educational Machinery



6.Sales Team



6.1.Sales Team





**THANK YOU
FOR WATCHING**

——Zhengzhou Lerford Machinery Equipment Co.,Ltd.

2025/6/12

