

# Self Cleaning Automatic Corn Flakes Making Machine Twin- Screw Extrusion For Cereal Flake

## Especificaciones :

Precio	Contact us
Nombre de la marca	LOYAL
Lugar de origen	China
Cantidad minima para ordenar	1
Términos de pago	T/T,L/C,D/P
Capacidad de suministro	1000
Detalle de Envio	3days--7days
detalles del empaque	Wooden case or wooden pellets depended on clients' require

## Introducción detallada :

### Brief Introduction Of Self Cleaning

### Automatic Corn Flakes Making Machine

Breakfast cereal corn flakes are a kind of brittle food, with good rehydration, not rotten on the outside, smooth mouthfeel, and strong grain flavor. Corn flakes are mainly made of corn flour, mixed with sugar, various vitamins, and minerals. After adding a certain amount of water, they are fully kneaded, matured, formed, pressed, and baked and seasoned.



### Applications of Coen Flakes Production Line in Manufacturer

Breakfast cereals corn flakes, as a convenient, fast, nutritious and relatively balanced food, quickly entered thousands of households. In modern processing, an extruder is usually used to complete the full kneading, steaming, cooking, and pelletizing of the corn flour mixture after adding water. Corn flakes are rich in nutrition and relatively balanced. They are rare cereal breakfast foods and are usually eaten with milk.

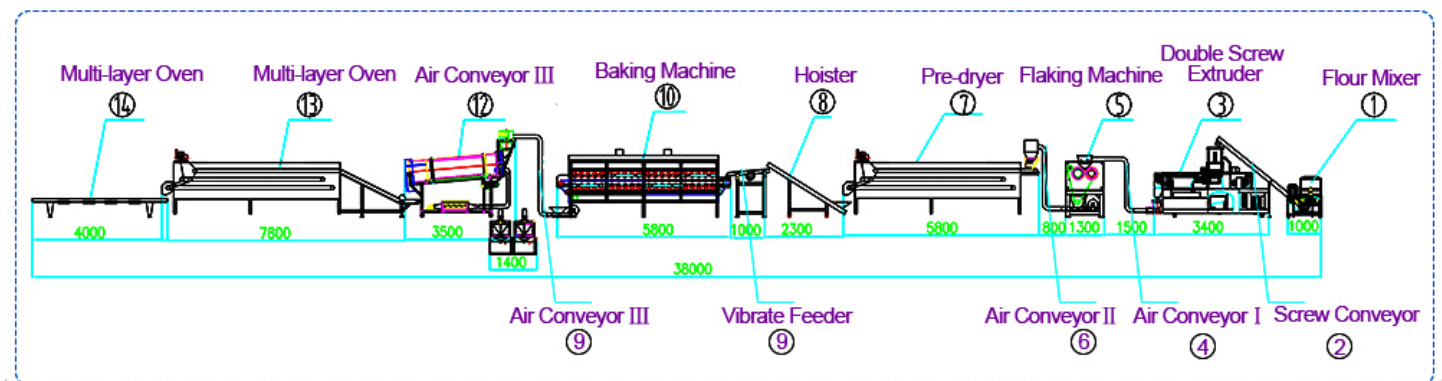
### Process Flow Of Of Self Cleaning Automatic Corn Flakes Making Machine

Raw material preparation?powder

mixing?conveying?extrusion?conveying?tableting?conveying?drying?(packaging)

### Device Configuration Of Self Cleaning Automatic Corn Flakes Making Machine

Powder mixer?feeding machine?puffing machine?air conveyor?tableting machine?air conveyor?multi-layer oven?(packaging machine)



### Flow Chart of Corn Flakes Production Line

### Technical Parameters Of Self Cleaning Automatic Corn Flakes Making Machine



### Technical Parameter of Commercial Corn Flakes Making Machine

Host model	LY70	LY85
voltage	380V/50HZ	380V/50HZ
Installed power	186KW	240KW
Actual power consumption	116KW	170KW
Production capacity	180-220Kg/h	300-500Kg/h
Production line length	50m	50m



Sample of Corn Flakes and Breakfast Cereal of Corn Flakes Processing Line

## Process Composition Of Self Cleaning Automatic Corn Flakes Making Machine

### Equipment List of 100kg/h Corn Flakes Making Machine

1. Flour mixing machine

Add corn flour or corn dregs to nutrient additives and a certain proportion of water to mix evenly.

2. Feeder	convey the mixed raw materials to the feeding hopper of the extruder.
3. Extruder	The raw materials in the feeding hopper enter the extrusion system to produce small spherical particles.
4. Vibrating screen	to disperse the particles and avoid overlapping and pressing together after entering the tablet press.
5. Air conveyor	convey the particles to the tablet press.
6. Tablet press	Press small spherical particles into flakes, namely corn flakes.
7. Air conveyor	convey the corn flakes into the oven.
8. Multi-layer oven	The oven is mostly electric oven. The temperature is adjusted between 0-200 degrees through the control cabinet. The inside is a stainless steel double-layer mesh bag. The baking time can be adjusted according to the speed to remove moisture.
9. Packaging machine	there are vertical packaging machine and combined packaging machine



Sample of Corn Flakes and Breakfast Cereal of Breakfast Cereal Processing Line

**Raw Material Of Self Cleaning Automatic Corn Flakes Making Machine**

Corn flour, sugar, salt, other nutrients

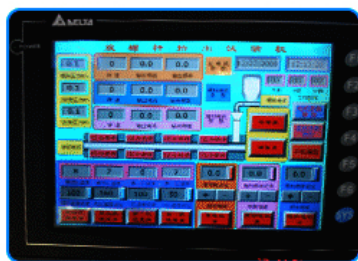
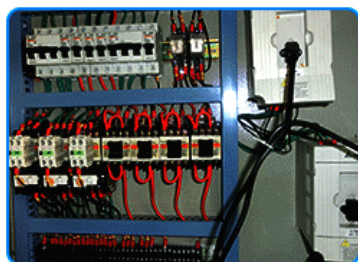
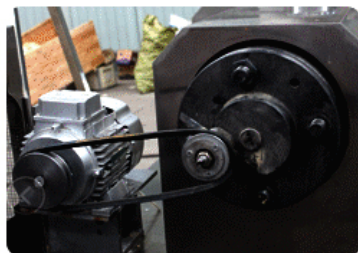
**Output Of Self Cleaning Automatic Corn Flakes Making Machine**

120-150kg/h, 200-250kg/h, 400-500kg/h

**Voltage Of Self Cleaning Automatic Corn Flakes Making Machine**

Three-phase: 220V/60HZ; 380V/50H; 415V/50HZ can be customized.





Equipment Parts of Corn Flakes Processing Line

## Features Of Twin-Screw Extrusion For Cereal Flake

Features of Corn Flakes Extruder Machinery	
1	The equipment is hygienic, safe and reliable.
2	No pollution, no pollution to the environment.
3	The equipment is integrated with the assembly line, and the appearance is beautiful and generous.
4	The equipment is easy to operate and has a high degree of automation, saving time and effort, and reducing labor consumption.
5	It is suitable for the production of various fast breakfast nutritious foods, which can retain the nutrient content of the product to a large extent, and provide consumers with natural green food.

## Technical Of Twin-Screw Extrusion For Cereal Flake

Skills: Material process moisture is relatively low. The energy consumption in the drying process of the oven is reduced, and the heat energy utilization rate is high, which is in line with the sustainable development strategy of mankind (similar baking equipment can reduce energy consumption by 25-40% compared with traditional baking equipment).

**Environmental protection:** When the materials are in the production state, there is no waste water, waste gas, or waste residue in the production process of equipment connection, and there is no loss of raw materials in the process.

**Savings:** less labor required per unit of product, small equipment space, large production capacity, large production capacity, stable and continuous production, and small fluctuations in product quality.

**Flexible:** Wide adaptability, can flexibly change products according to market demand.

**Innovation:** High-temperature puffing box furnace adopts high-temperature puffing, and the puffing has no paste phenomenon.

**Tablet press:** The press roller is processed with special materials, and the temperature in the press roller is cooled by water cooling cycle.



Site Picture of Corn Flakes Processing Line

### Traditional Corn Flakes Making Machine Vs New Corn Flakes Making Machine

Traditional Corn Flakes Production Line VS New Corn Flakes Production Line		
Features	Traditional Corn Flakes Production Line	New Corn Flakes Production Line
Use factory area	Big	Save factory area
Save energy	High energy consumption	Low energy consumption
safety	Low	High

Manual operation	10 workers	3-5 workers
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## 2021 Customer Order of Corn Flakes Making Machine Form:

Customers Who Understand Corn Flakes Production Line Processing Technology	
1	Corn Flakes Production Line For Sale In Afghanistan
2	China Fully Automatic Corn Flakes Production Line For Sale In Argentina
3	High Quality Most Popular Industrial Corn Flakes Production Line For Sale In Comoros
4	Corn Flakes Production Line For Sale In Afghanistan
5	Corn Flakes Production Line For Sale In Argentina
Dealed Customers Who Purchase Big Output Corn Flakes Making Machine In 2021	
1	Customized Corn Flakes Making Machine For Sale In Congo
2	800kg/h Corn Flakes Making Machine For Sale In Denmark
3	1000kg/h Corn Flakes Making Machine For Sale In Congo
4	Customized High Efficiency Corn Flakes Making Machine For Sale In India
5	1000kg/h Corn Flakes Making Machine For Sale In Denmark
Dealed Customer Have Plant Of Corn Flakes Making Machine In 2021	
1	Corn Flakes Making Machine For Sale In Fiji
2	High Efficiency Corn Flakes Making Machine For Sale In Fiji
3	High Efficient Industrial Corn Flakes Production Line For Sale In Germany
4	Corn Flakes Production Line For Sale In Germany
5	Industrial Corn Flakes Production Line For Sale In Fiji
Dealed Customer Whose Intruduction Of Old Customer Of Corn Flakes Production Line In 2021	
1	Stainless Steel Corn Flakes Production Line For Sale In Laos



2	Stainless Steel Corn Flakes Production Line For Sale In Lebanon
3	Corn Flakes Production Line For Sale In Lesotho
4	Automatic Stainless Steel Corn Flakes Production Line For Sale In Mali
5	Fully Automatic Stainless Steel Corn Flakes Production Line For Sale In Nauru

## **Corn Flakes Making Machine**