

# Nutritional Cereals Bars Making Machine Manufacturing Process

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Nutritional cereals bars production line are made of oats, rice, corn and other grains as the main raw materials, and are made of high-viscosity syrup. Nutritional bars are flakes and sticks. In addition to the main raw grains, nuts, dried fruit, candy, and chocolate are also added to the products. And other auxiliary materials, at the same time can add chocolate coating, butter condensed milk coating, etc.

Nutritional cereals bars making machine mainly produces cereal bars, meal replacement bars, nutrition bars, energy bars, protein bars, nut bars, and snowflake cakes for sale. Nutritional bars making machine easy to use, large production volume, good cutting shape, length can be adjusted at will.

Nutrition cereals bar manufacturing process whole machine adopts frequency conversion and speed synchronization, PLC controls the cutting length, seven-roller flattening, microcomputer controls the forming temperature, the forming is good, the cutting length is accurate, the product weight is consistent, the continuous production of the whole machine realizes the real Fully automatic intelligent operation. Nutrition cereals bar production line is a customized product,

according to the needs of the customer's plant structure and other factors to arrange professionals to negotiate with the demand side.

### **Nutrition cereals Bar Production Line Design**

Peanut Roaster ?choose?--Sugar Heating Machine---Ingredients Mixer--Hoister---Cereals Bar Cutting Machine with Cooling Conveyor----Packing Machine

No.	Commodity	<b>Nutrition cereals bar manufacturing project report</b>
1	Peanut roasting machine	Mainly used for drying and baking products such as peanuts, nuts, etc.
2	Sugar Heating Machine	<p>Sugar Heating Machine made of Stainless steel and has heating setting to melt sugar and other ingredients (salt, cocoa, milk, etc.), and mixer to mixing these ingredients together. It has double layer wall which keeps the temperature of mixture, heated area is big, high thermal efficiency, heating uniform, liquid material boiling time is short, the heating temperature easy control etc.</p> <p>Characteristics..</p> <p>Appllication:</p> <p>Sugar Heating Machine is widely used in candy, pharmacy, dairy products, alcohol, pastry, beverage, honey, line, canned food processing, also can used for large restaurants or dining room boil soup, stew, cooking porridge, etc, it is food processing, improve product quality, shorten the time, improve working conditions good equipment.</p>
2	Ingredients Mixer	Ingredients Mixer is mainly used to mix nuts, cereals, syrup and other ingredients evenly together. Its hopper inside is made of food grade Teflon which can stand high temperature, corrosion, avoid mixture stick onto inside and hard enough for long using life. It has temperature-controller

		which can reserve the mixtures temperature. It can coat sugar syrup, chocolate syrup, butter, seasoning flavors, seasoning oil on to nuts, beans, food balls etc.
3	Feeding Conveyor	Transfer product from mixer to cutting machine
4	Cutting Machine with Cooling Conveyor	<p>The block cutter including a hopper, roller (adjusting the thickness of the product), fan (cooling the product), cutter (cutting length and width), conveying (cooling the product after cutting)</p> <p>The length of the product can be adjusted by PLC</p> <p>The width of the product can be adjusted by changing the tool.</p> <p>Inverters controlling the production speed, Multi-rollers flattening the mixture evenly, Blowers keeping the mixture stable.</p> <p>Function: Spreading the mixture onto the conveyor, cooling the spreaded mixture and cutting them into required sizes, Cooling the cut bars and conveying them to packing</p>
5	Pillow Packing Machine	<p>Main Performance And Structure Features:</p> <ol style="list-style-type: none"> <li>1. Dual frequency conversion control, Bag length can be set and cut in one step, saving time and film.</li> <li>2. Interface features easy and quick setting and operation.</li> </ol>

3. Self failure diagnosis, clear failure display.
4. High sensitivity photoelectric eye color tracing, numerical input of cutting sealing position for extra accuracy.
5. Temperature independent PID control, more suitable for packaging different materials.
6. Positioned stop function, without sticking knife or wasting film.
7. Simple driving system, reliable working, convenient maintenance.
8. All control is realized through software, easy for function adjusting and technical upgrade.

Food Application : cake, bread, biscuits, cookies, meat muffin, flaky pastry, moon cake, several sausage in a bag, noodles, beef jerky, egg roll, etc