

# Nuts Bar Production Line

## Detail Introduction :

Nut bar production line is a mechanical assembly system for the production of various types of nut bars and other nut-based snacks. The line typically includes multiple machines that work in tandem to process and form various types of nuts into sticks or strings. The line typically starts with a nut roasting and processing machine, which cleans, dries and roasts the nuts to achieve the desired flavor and texture. After nuts are processed, they may be mixed with other ingredients such as sweeteners, fruit or chocolate. Next, the mixture is transferred to a forming machine, where it is compressed and formed into strips or clusters. The machine can shape different sizes of raw material according to the configuration chosen by the operator. The bars produced are then sent to the cooling and cutting section, where they are cooled and cut to uniform size. Finally, the bars are packed in packaging machines, ready for delivery to consumers. Nut bar production lines vary in size and capacity, from small-scale operations to large industrial-scale facilities, depending on the demand and target audience for the product.



## Flow Chart Of Nutrition Bar Production Line

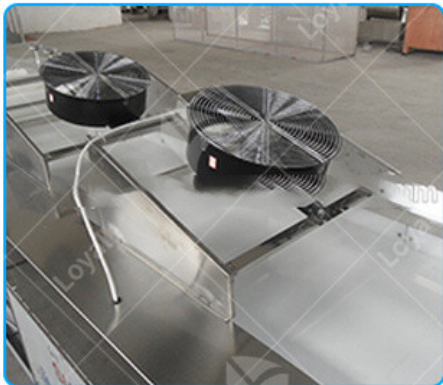
1.Puffing — 2. Drying — 3. Sugar Boiled Pot — 4. Oil Sugar Electromagnetic Insulation Pot — 5. Electromagnetic Sugar Cooker — 6. Weighing Feeder — 7. Temperature Control Mixer — 8. Hoist — 9. Automatic Cutting Machine — 10. Cooling — 11. Auto Packing

# NUTS BAR/PEANUT CANDY/SESAME CANDY PRODUCTION LINE



## Functions Of Nuts Bar Production Line

- 1. Ingredient Preparation:** Raw ingredients such as nuts, seeds, grains, and dried fruits are typically cleaned, sorted, and roasted or toasted as needed to improve their texture and flavor.
- 2. Mixing:** The prepared ingredients are then mixed together in the correct proportions to form the base of the nutrition bars. Other ingredients such as protein powder, sweeteners, and flavorings may also be added at this stage.
- 3. Forming:** The mixed ingredients are then fed into a machine that forms the bars into the desired shape and size. This can be done using a mold or a compression roller.
- 4. Baking or Cooling:** Depending on the recipe, the formed bars may need to be baked in an oven or cooled in a refrigerator to set their shape and texture.
- 5. Coating and Packaging:** Once the bars are cooled, they may be coated in chocolate, yogurt, or other toppings and individually packaged for sale.
- 6. Quality Control:** Throughout the production process, quality control measures should be in place to ensure that the finished bars meet the desired standards for taste, texture, and nutritional content.
- 7. Storage and Distribution:** The finished nutrition bars are then stored in a warehouse or other facility until they are shipped out to retailers or directly to customers.



## Advantages Of Nuts Bar Process Line

### **Consistency**

Nuts bar process lines use machines that can produce nut bars with consistent weight, size, shape, and texture. This ensures that every product meets the same quality standards and delivers the same taste experience to consumers.

### **Efficiency**

Automated nuts bar production lines can process raw materials faster and more efficiently than manual methods, which reduces production time and costs.

### **Flexibility**

Nuts bar process lines can handle a wide range of ingredients, such as nuts, seeds, dried fruits, and chocolates, and can produce different types of nut bars, clusters, or bites. This allows producers to offer a diverse product range and cater to various consumer preferences.

### **Quality Control**

A nuts bar process line allows manufacturers to monitor and adjust the production process in real-time, ensuring consistent quality and safety throughout the production chain.

### **Increased Profitability**

The use of a nuts bar process line can help manufacturers to increase their profitability by reducing labor costs and waste and improving product quality and efficiency. It also helps to streamline the production process, making scalability and expansion more accessible.



### **Performance And Other Instructions**

- A. The food contact location is made of stainless steel 304 material, which meets the food QS and pharmaceutical GMP hygiene requirements.
- B. Double frequency conversion system control, bag length is set and cut immediately, saving time and film.
- C. High-sensitivity electric eye automatic tracking, no need to manually adjust after setting, sealing and cutting size, accurate position, strong and beautiful sealing.
- D. Temperature independent PID intelligent control, stable temperature control, better suitable for various packaging materials.
- E. Color touch screen display, positioning shutdown, automatic fault diagnosis, the display is clear at a glance.

F. Intelligent human nature parameter design, ordinary personnel can use it skillfully in a short time. Reduce the professional skills requirements of operators.

G. A variety of cutting packaging shapes: straight, popcorn, corrugated, continuous bag, etc.

H. Suitable for moon cakes, bread, biscuits, candies, medicines, daily necessities, hardware parts, paper boxes, plastic products or all kinds of solid objects with regular shapes.

