

What Is Nutritional Powder Line Technology?

Introduction Of Nutrition Powder Making Machine:

A nutrition powder making machine is a type of food processing equipment used for the production of nutrition powder. The machine is designed to mix various raw materials such as vitamins, minerals, protein, carbohydrate, and other ingredients in a specific ratio to form a uniform blend. The nutrition powder making machine has several components, including a feeder, mixer, conveyor, dryer, and packaging machine. The feeder is used to transfer the raw materials to the mixing chamber, where the ingredients are mixed to form a homogeneous mixture. The conveyor system then transports the mixture to the drying chamber, where it is dried to a specific moisture content. Overall, a nutrition powder making machine is a crucial equipment for food processing companies and other industries that require the production of homogeneous powders with precise and consistent specifications.



Flow Chart Of Commercial Nutrition Powder Processing Line:

Mixing?Extrusion?Heating?Crashing?Cooling?Packaging

The Nutrition Powder Production Line Details ?

| | |
|-----------------|--|
| Capacity | 120kg-1500kg |
| Power Supply | Based On 380V 50 Hz 3 Phase. Customized According To Your Local Power. |
| Machine Details | 1.Stainless Steel,:201, 304, 316, On Request 2. Electric Parts Can Be Abb, Delta, Fuji, Siemens; Famous Brand As Your Demand. |
| Certificate | CE,GOST,TUV,BV |

| | |
|-----------------------|------------------------------------|
| Raw Material | Wheat flour, Corn, Rice, Oat, etc. |
| Products Color | White, Yellow |
| Products Type | Nutrition Powder ,Baby Rice?etc. |

The Equipment Using In The Nutrition Powder Making Machine:

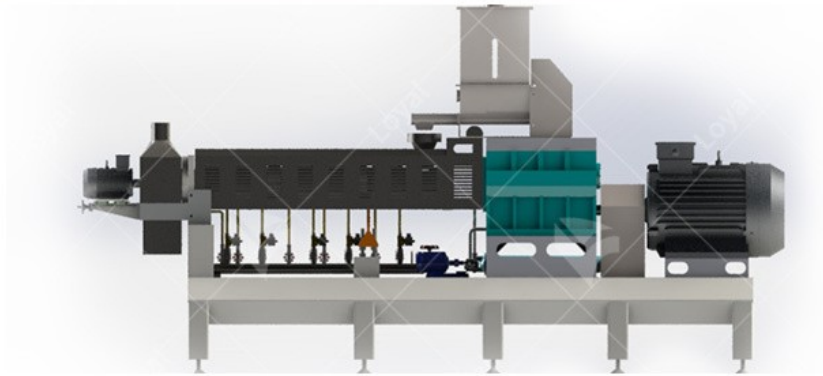
Mixer ---- Screw Conveyor ---- Air Conveyor--- Oven---Automatic Crash---Blending Machine--- Cooling Machine---Packing Machine

Parameter Of Nutrition Powder Machine:

| Model | Installed Power (KW) | Power Consumption (kw) | Capacity (kg/h) | Dimension (m) |
|-------|-------------------------|---------------------------|--------------------|------------------|
| LY65 | 88kw | 62kw | 120-150kg/h | 19*1.2*2.0 |
| LY70 | 142kw | 99kw | 200-250kg/h | 24*1.2*2.0 |
| LY85 | 160kw | 130kw | 300-500kg/h | 28*1.5*2.0 |
| LY90 | 220kw | 154kw | 800-1000kg/h | 29*2.5*2.2 |
| LY95 | 220kw | 154kw | 1000-1500kg/h | 30*2.5*3.5 |

Feature Of Nutrition Powder Machines:

- 1.Versatility:** Nutrition powder machines can be used to process a wide range of ingredients, including vitamins, minerals, protein, carbohydrate, and other nutrients.
- 2.Precise mixing:** The mixing chamber of the nutrition powder machine is designed to mix the raw materials to a high degree of homogeneity, ensuring that each particle is evenly distributed throughout the powder.
- 3Automatic operation:** Nutrition powder machines are highly automated, with most of the processes being controlled by a computer or other electronic device. This reduces the need for manual labor, saves time, and improves efficiency.
- 4.Hygienic design:** The nutrition powder machines are designed to meet strict hygiene standards, with easy-to-clean surfaces, rounded corners, and minimal crevices where bacteria can grow.
- 5.Adjustable output:** The output of the nutrition powder machine can be adjusted to meet the specific requirements of the production line, allowing for high production volumes or small batch runs.



Applications Of Nutrition Powder Production Line:

- 1. Health supplements:** Nutrition powder production lines are used to produce health supplements that contain a blend of vitamins, minerals, protein, and other nutrients. These supplements are used to support overall health and well-being.
- 2. Baby food:** Nutrition powder production lines are used to produce baby food that contains essential nutrients needed for the healthy growth and development of infants.
- 3. Animal feed:** Nutrition powder production lines are used to produce animal feed that contains a balanced blend of nutrients to support the growth and health of livestock.
- 4. Sports nutrition:** Nutrition powder production lines are used to produce sports nutrition products that contain a blend of nutrients to support athletic performance and recovery.
- 5. Medical nutrition:** Nutrition powder production lines are used to produce medical nutrition products that contain specific nutrients needed to manage certain medical conditions, such as diabetes or malnutrition.

Overall, nutrition powder production lines are essential for the production of homogeneous powders used in a wide range of products that require precise and consistent nutritional values.

