

# Professional Nutrition Rice Making Machine With Custom-Design Service

## Introduction of Nutrition Rice Making Machine:

Nutrition Rice, also known as nutritionally fortified rice, is the finished rice made by adding certain nutrients to ordinary rice. The nutrients used for rice fortification are mainly vitamins, minerals, amino acids and minerals. Fortified rice is the finished rice produced by adding certain nutrients to ordinary rice. Fortified rice was first produced to combat nutritional deficiencies. The consumption of fortified rice can improve people's dietary nutrition, replenish the lack of micronutrients, meet the normal needs of human physiology, reduce the occurrence of various nutritional deficiencies, and thus improve the health of people. Subsequently, many western countries have started to fortify rice with certain nutrients and have established corresponding fortification standards. For rice, the nutrients that can be fortified include: water-soluble vitamins, such as vitamin B, vitamin B<sub>2</sub>, vitamin B<sub>6</sub>, vitamin C and pantothenic acid. Fat-soluble vitamins, such as vitamin A, vitamin D, and vitamin E. Amino acids, such as lysine and methionine. Minerals, such as Ca, Fe, Zn, etc.

The new nutrition rice production process has the advantages of short production process, time saving, lower production cost and less equipment investment. In addition, the product has the characteristics of stable quality and long shelf life.



The whole nutrition rice production line can automatically complete the production from mixer, screw conveyor, twin screw extruder, vibrate cooler, air conveyor, multi-layer dryer and cooling conveyor to the finished product.



### Details of the production line:

Production capacity	60-1000kg/h
Electricity supply	Customised according to your local electricity situation.
Machine details	1.Stainless steel:201, 304, 316, on request. 2.Electrical components can be ABB, Delta, Fuji, Siemens, famous brands.
Certificates	CE,GOST,TUV,BV,SGS
Raw material	Rice powder

### Flow chart of Nutrition Rice processing line:

Mixer- Screw Conveyor- Twin Screw Extruder-Vibrate Cooler- Air Conveyor- Multi-Layer Dryer-Cooling Conveyor.



### Features of the Nutrition Rice processing line

1.Productivity:automated system for controlled and stable production on a continuous basis, easy and quick product change, automatic start-up, simple cleaning and maintenance procedures.

2.Economical: low investment, quick results.

3.Environmental protection: moderate output and energy saving.

4.Intelligent control system: PLC control of production to ensure optimum process parameters for each recipe.

5Automatic lubrication system can reduce power consumption and prolong service life.



### Parameters of the Nutrition Rice Production Line

Model	Installed Power (KW)	Power Consumption (kw)	Capacity (kg/h)	Dimension (m)
LY70 Nutrition Rice Production Line	120	84	120-150	22000*1500*2200mm
LY85 Nutrition Rice Production Line	180	130	300-400	25000*2500*2200mm
LY75 Nutrition Rice Production Line	200	144	400-500	20000*1200*2200mm
LY95 Nutrition Rice Production Line	243	170	800-1000	28000*2500*3500mm

