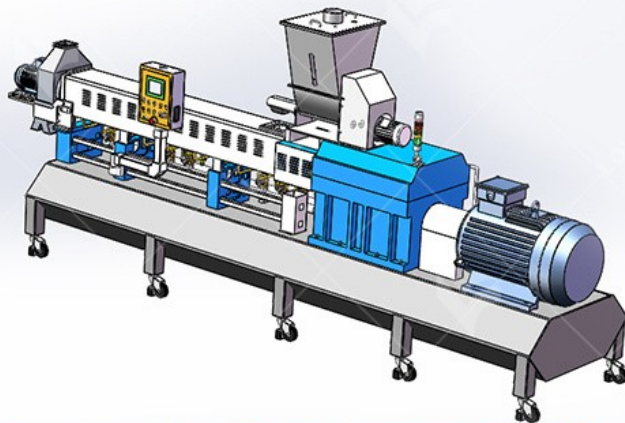


# How Do You Make Nutrition Rice/Artificial Rice And Golden Rice?

## 1. What Is Nutrition Rice/Artificial Rice And Golden Rice?

?1? Nutritional fortification: the process of adding one or more nutrients or certain natural food components to food to improve its nutritional value according to the nutritional needs of different people or to compensate for the inherent deficiencies of certain types of food.

?2? The nutritional rice production line is based on food nutrition needs and advanced technology. It has the advantages of high automation and energy saving.



?3? The line can use rice, millet, black rice and buckwheat as the main raw materials. Then it can be treated with vitamins, proteins and mineral substances. After the process of extrusion, steaming and forming, it can make fortified rice, golden rice, buckwheat rice, etc. The steaming method is the same as that of natural rice. Cooking is the same as natural rice, or even easier and more convenient.

## 2. How To Make Nutrition Rice/Artificial Rice And Golden Rice?

Flow Chart? Grinder --- Mixer --- Screw Conveyor --- Extruder --- Vibrate Cooler --- Air Conveyor --- Oven --- Double-drum Polishing Machine --- Cooler

?1? Grinder: grinding rice or grains into powder

?2?Mixer: Mix the crushed raw materials well and add the required nutrients in this step.

?3?Extruder: the raw materials are cooked and shaped by high temperature and pressure inside the extruder, water-cooled to control the temperature, so that the nutritious rice is cooked but not puffed.

?4?Oven: Through multi-layer belt dryer, the product is dried by using hot air circulation system, which can extend the shelf life of food.

?5?Cooler: horizontal conveying with fan to cool the product. After cooling, the food is ready to be packaged and sold.



### 3. What Is Nutrition Rice/Artificial Rice And Golden Rice Automatic Process Line Parameter?

Model	Electric Heating Installed Power	Gas Installed Power	Output	Size
LY70	120kw	83kw	150-200kg/h	33000*1200*2500 mm
LY75	180kw	110kw	180-220kg/h	34000*1400*2800 mm
LY80	240kw	176kw	220-260kg/h	48000*1400*3200 mm
LY90	350kw	230kw	300-350kg/h	54000*2500*3800 mm

#### 4. What Is Nutrition Rice/Artificial Rice And Golden Rice Automatic Process Line Advantages?

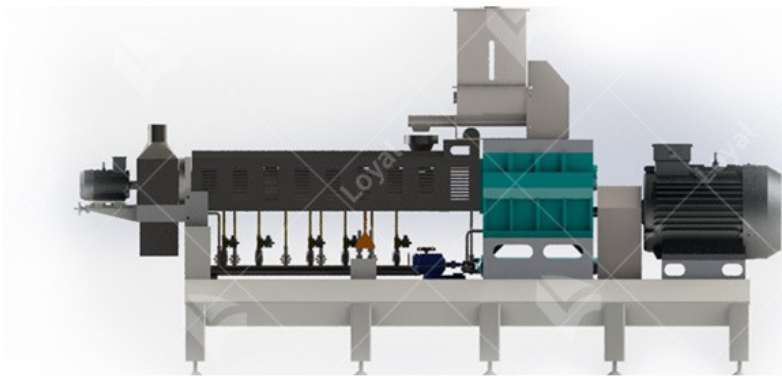
Gearbox	Processed by internationally advanced process technology, ensuring the machines run in long time without malfunction.
Lubrication and cooling system	Adopts refined filtration forced cooling, creating best working conditions for the bearings.
Feeding system	Adopts double spiral forced feeding, feeding uniformly and widely.
Screw	Segmented combined screw, suitable for a wide range of raw materials. With self-cleaning function.
Rotary cutting device	Adopts a suspended mold (knife) assembly and a linear bearing tool adjusting device to adjust the tool safely, accurately and quickly.
Oven	Circulation drying process, the moisture difference of the dried product is small, and the drying effect is good. Energy can be gas heating and steam heating.



#### 5. What Is Nutrition Rice/Artificial Rice And Golden Rice Automatic Process Line Application?

The nutritious rice production line prevents the loss of nutrients and creates nutrient-rich fortified rice.

Nutritious rice production technology not only preserves the original shape of ordinary rice, but also adds various vitamins and minerals in proportion.



After drying, various kinds of nutritionally fortified rice can be processed into instant self-heating rice after drying microwave treatment and can be consumed by steaming for ten minutes.

Changing the recipe can also produce instant products such as convenient porridge.