

How To Set Fortified Rice Factory

Detail Introduction :

Introduction Of Fortified Rice Making Machine:

Fortified rice making machine is a specialized piece of equipment used to add essential nutrients to rice grains. This machine is designed to fortify rice grains with minerals and vitamins such as iron, zinc, and vitamin A, which are essential for healthy human growth and development. The process of fortification involves coating rice grains with a nutrient-rich powder or coating, which is evenly distributed across the grains. Fortified rice making machines are important in regions where rice is a staple food and where nutrient deficiencies are common. By fortifying rice grains, individuals who consume this staple food can receive necessary nutrients for healthy growth and development, reducing the prevalence of nutrient deficiencies such as iron-deficiency anemia. The machine works by mixing the nutrient-rich coating or powder with rice grains and then drying the mixture to form a stable and long-lasting product. The machine's design ensures that the nutrients are evenly distributed across the rice grains, ensuring that each serving of fortified rice contains the necessary nutrients.



The Fortified Rice Production Line Details

Capacity	80kg-900kg
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	white rice?brown rice,black rice,red rice,wild rice?etc.

Flow Chart Of Commercial Fortified Rice Processing Line:

Milling Mixing Extrusion Cooling Drying Pre-drying Packing

The Equipment Using In The Fortified Rice Making Machine:

Grinder Powder Mixer Screw Con

veyor Extruder Vibration Cooling Machine Air Feed Machine Oven Cooling Conveyor Packing



Feature Of Fortified Rice Machines:

1.Mixing System: Fortified rice machines have a mixing system that evenly distributes the micronutrient into the rice grains.

2.Accurate Dosing: Fortified rice machines use a precise dosing system to ensure that the correct amount of vitamins and minerals are added to the rice.

3.High-Quality Components: Fortified rice machines are made of high-quality materials to ensure durability and longevity.

4. Automated Process: Fortified rice machines are automated, which means they require minimal human intervention.

5. Capacity: Fortified rice machines come in different sizes and capacities, ranging from small-scale machines for local use to large-scale machines for industrial production.

6. Safety: Fortified rice machines are designed with safety features to prevent accidents and injuries.

Overall, fortified rice machines are critical in addressing micronutrient deficiencies in populations that use rice as their staple food. They are designed to ensure that the fortified rice is of high quality, safe for consumption, and provides the necessary vitamins and minerals to support good health.

Parameter Of Fortified Rice Machine:

Model	Installed Power (KW)	Power Consumption (kw)	Capacity (kg/h)	Dimension (m)
LY3000	55.35kw	41.51kw	80-100kg/h	24*4*3
LY70L-?	63.54kw	47.66kw	150kg/h	24*4*3
LY70L--??	103kw	77.25kw	300kg/h	24*4*6
LY70L---???	172.64kw	129.48kw	450kg/h	2.7*0.9*3
LY70L--?	215.16kw	161.37kw	500kg/h	20*12*3
LY70L--?	268kw	201kw	600kg/h	20*12*3
LY80L-?	101.6kw	76.2kw	300kg/h	35*4*3
LY80L--??	98kw	73.5kw	600kg/h	35*7*3
LYD80L---???	356kw	267kw	900kg/h	35*12*3
LY75	132kw	99kw	500kg/h	50*4*6
LY95	205kw	153.75kw	700kg/h	59*8*6

Applications Of Fortified Rice Production Line:

1. Food Aid: Fortified rice production lines are used to produce fortified rice for distribution as part of food aid programs.

2. Commercial Production: Fortified rice production lines can be used to produce fortified rice for commercial sale.

3. Public Health Programs: Fortified rice production lines are used in public health programs to improve the nutritional status of vulnerable populations.

4. School Feeding Programs: Fortified rice production lines are used to produce fortified rice for school feeding programs.

5. Humanitarian Response: Fortified rice production lines can be deployed in emergency and humanitarian situations to produce fortified rice for distribution to affected populations.

