# Runchen©Fruit™-RF2000

**Runchen·Fruit 2000 Ice Cream Fruit Feeder**



RUNCHEN
SHANGHAI RUNCHEN MACHINERY CO.,LTD

**上海润辰实业有限公司**
**Runchen Industry (Shanghai) Co.,Ltd**

## Use

Put the dried fruit granules, sugar granules or fluid granule into the ice cream. (the device is not suitable for viscous materials, as well as those easily absorbing moisture or easy to be adsorbed)

## Working Principle

The motor drives a quantitative screw to convey granules stably and efficiently and adds them into the ice cream through a vane pump, which mixes the granules and the ice cream slurry by the build-in mixer at a constant speed. The vane feeding pump is adjusted through the potentiometer.

## Standard Design

Runchen©Fruit™-2000 is a fruit feeder and fully meets the needs of food hygiene. The equipment is made up of the high-quality refrigeration compressor and high-quality parts, which is designed to meet the strict standards of hygiene, reliability, and durability. All parts contacting the ice cream are made of 304 stainless steel. It is equipped with casters, easy to move and install.

## Hopper and Quantitative Cup

In the hopper, there is a mixing device to ensure that the quantitative screw can stably feed the fruit granules. The quantitative screw can feed the fruit granules to the inlet of the vane feeding pump. The speed of the quantitative screw can be adjusted between 0% and 100%.

## Vane Feeding Pump

The feeding pump is comprised of the drive wheels of the blade and can uniformly mix the fruit granules into the ice cream slurry discharged from the continuous system freezing machine. During the rotation of the blade, it can exactly seal the throwing inlet of the fruit slurry, so that the ice cream slurry is isolated from the surrounding air. During the circulation and rotation of the drive wheels, when the blade reaches the ice cream slurry, it will automatically retreat back into the drive wheels, and place the fruit granules down at the same time. The stepless regulation can be made for the running speed of the drive wheels through the potentiometer.

All contents in this sample are only used to provide the general explanatory information, and we will not notify if there are any changes to the information, so they cannot be regarded as guarantee or legal obligation in any form. Please comply with ISO 16016 provisions and relevant legal content, respect the intellectual property rights of this document, and prohibition of use of any content in this sample without authorization.

## Mixer

The mixer is located at the outlet of the vane pump, which can further uniformly mix the ice cream slurry and the fruit granules through the mixer at a constant speed.

## Operations of the Fruit Mixer

### Operation Panel

All the functional buttons are located on the front panel, simple and easy to use.

### Startup

It is very convenient and can be directly operated after the power is switched on.

### CIP Online Cleaning

Operation for the operation panel can automatically startup the CIP cleaning process, so that the feeding pump and the mixing part can be adjusted to the ex-factory preset clearance, thus to facilitate the removal of the mixing device and the quantitative screw, in order to carry out manual cleaning.

### Fruit Addition Capacity

Through the selection of different quantitative screw, Runchen©Fruit™-2000 can produce 8-200 L/hour ingredients every batch.

## Optional Equipment

- Quantitative screw
- Other spare parts

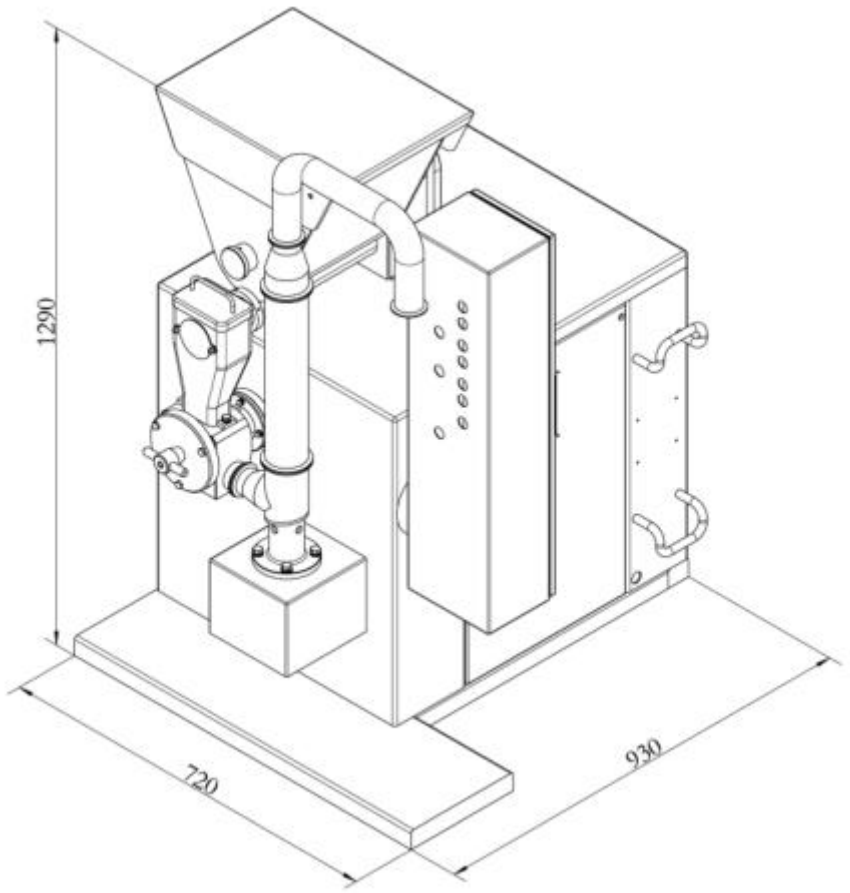
## Technical Parameter

| Items | Parameters | Remarks |
|---|---|---|
| Feeding screw motor | 0.75 KW | |
| Mixing motor | 0.75 KW | |
| Vane pump motor | 1.1 KW | |
| Transformer | 0.15 KW | |
| Total power | 2.75 KW | |
| Feed pipe, outside | 51 mm | 2" clamp |
| Discharge pipe, outside | 51 mm | 2" clamp |

All contents in this sample are only used to provide the general explanatory information, and we will not notify if there are any changes to the information, so they cannot be regarded as guarantee or legal obligation in any form. Please comply with ISO 16016 provisions and relevant legal content, respect the intellectual property rights of this document, and prohibition of use of any content in this sample without authorization.

## Dimension

Unit: mm




**Shipping Data**

| | | |
|---|---|---|
| Net Weight | 210 KG | (463 LB) |
| Gross Weight | 305 KG | (672.5 LB) |
| Volume | 1.35 $m^3$ | |


| | |
|---|---|
| Address: | (factory building of Taizhou Xinhua Color Printing Co., Ltd.) North Side of Jianshe Road, Sixiang Street, Taizhou City, Jiangsu Province, China |
| Zip Code: | 225300 |
| Tel: | +86 13311870355 |
| Fax: | +86 21 54730580 |
| Email: | ydm@run-jin.cn |



All contents in this sample are only used to provide the general explanatory information, and we will not notify if there are any changes to the information, so they cannot be regarded as guarantee or legal obligation in any form. Please comply with ISO 16016 provisions and relevant legal content, respect the intellectual property rights of this document, and prohibition of use of any content in this sample without authorization.