

IF 100 ***Ingredient feeder***



**Create Your Ideas,
We Will Find Solutions!**

Excellent control over wide range of ingredients

IF 100 Ingredient feeder is designed for controlled injection of a wide range of particulate ingredients into a continuous flow of ice cream. Nuts, nougat, chocolate, pieces of candied or fresh fruit and flakes can be added at preset volume and gently mixed with ice cream.

IF feeder is normally employed in line with continuous freezer and filling machine in order to produce enriched ice cream filled in cups, cones, bulk etc.

IF 100 main features are:

- Precise control for feeding particulate and liquid ingredients
- Simple design with excellent reliability
- Enhanced cleanability, easy accessible wash down areas
- All stainless steel open frame construction

Standard design

The IF is designed to reduce maintenance and enhance cleanability. This includes all stainless steel construction, free draining surfaces and accessible wash down areas. Fruit feeder IF 100 consists of three main units each separately driven: The hopper with dosing screw and an agitator, the feed pump and in-line mixer. Each one of the motors is independently driven by motorvariator and the speed is adjustable at a wide range.

The machine is prepared to be connected to C.I.P. washing system.

Operation principle

The ingredients are fed into the hopper, where they are kept in constant motion by agitator. The agitator ensures a constant supply of ingredients to the auger mounted at the bottom of the hopper.

Ingredients are augered to the lamella feeding pump that gently incorporates the ingredients into the continuous flow of ice cream. The lamella pump system enables the constant and regular inflow of ingredients into ice cream and avoiding the ice cream texture damaging.

The combined ingredients and ice cream are blended together and evenly distributed by the variable speed blender agitator unit.



Lamella pump

Technical Data

Ice cream flow	lph	300 - 2000
Total installed el. power	kW	1,5
Hopper stirrer	kW	0,18
Auger	kW	0,22
Lamella pump	kW	0,75
Agitator	kW	0,22
Max. particle dimension	mm	15
Max. auger feeding capacity	lph	140
Dimensions	mm	1100 x 880 x 1400 (h)
Weight	kgs	270

VOJTA s.r.o. product technology is under continuous development. Therefore we reserve the right to amend the information given in this brochure without prior notice.

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