

Innovative Model of Continuous
Quick-Freezing & Chilling System with
Advanced Labor-Saving and Hygienic Control

WINGBIRD®



 Freezer System Co., Ltd.

WINGBIRD®

Technical Features

Shuttle Conveyor

A conveyor can be housed in the freezing chamber, which realizes the advanced performance of steam sterilization, foam-washing and chemical-washing.

Wing Doors

Wing Doors are designed to fully open, which enables you to easily check the whole view inside the chamber. You can more efficiently check, wash and clean and maintain the inners of the chamber.

Specialized Insulation Panels

WINGBIRD is designed to spray high-temperature steam inside its chamber for efficient sterilization purpose. Oval insulation panels, specialized by our unique manufacturing method, are adopted inside the chamber for smooth circulation of cool air inside the chamber, which enables a shorter cooling time.

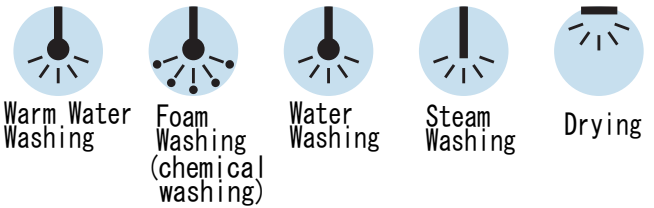
- The technical advantages are as follows :
- Foods are sterilized by high-temperature steam.
 - No food refuse are left
 - Foods are frozen evenly.

In-Chamber Washing & Cleaning

HACCP-corresponding Clean-In-Place (CIP : Cleaning at Fixed Position) Unit is optionally available. If you adopt this CIP option, you are able to efficiently wash and clean the inside of the chamber just by pushing a button on WINGBIRD.

※By use of Specialized Insulation Panels, steam sterilization, foam-washing, chemical washing can be performed in a combined manner. Also, the use of Specialized Insulation Panels improves the effect of steam sterilization.

Examples of Cleaning & Washing Functions



Examples of Food-Chilling and Freezing



Freezing Rice Balls



Chilling Fish Paste Cake



Chilling Bread Dough



Freezing Hamburgers



Freezing Shrimps



Freezing Dumplings



Freezing Freezer (Standard Type)
Settable Inside-Temperature : at -50°C

Referential Spec. Table (For Hamburger Products)
In case of 2m wide net:

Model	Type	Capacity	Outer Dimensions
FMW-539F		250kg/h	2600×7000
FMW-770F		375kg/h	2600×10500
FMW-951F		500kg/h	2600×14000
FMW-1131F		625kg/h	2600×17500

※Outer dimensions can be changed.

HIGH QUALITY FREEZING SYSTEM

We deliver high-quality and perfect freezing system to your factories!

※Our originally-developed Shuttle Conveyor Type is available for you for either Chilling Model or Freezing Model of WING BIRD. ※This product is patented.



Image of Steam Sterilization



Image of Foam Washing

Chilling Freezer
(Shuttle Conveyor Type)
Settable Inside-Temperature : at -25°C

Referential Spec. Table (For Deep-Fried Food Products)
In case of 1m wide net:

Model Type	Capacity	Outer Dimensions
FMW-182C	150kg/h	1600×6300
FMW-250C	225kg/h	1600×9450
FMW-271C	300kg/h	1600×12600
FMW-306C	375kg/h	1600×15750

※ Outer dimensions can be changed.



Control Panel (Touch Panel)



Control Panel (Standard)

Images of Shuttle Conveyor Housed inside WING BIRD



F.S.Machine Line Up

You can select. Series of Freezing, Chiling, Thawing, Aoutmation-system

HACCP-Corresponding Wing Bird Freezer



※This system is patented.

Box-shaped Tunnel-type Freezer



Steel Belt type Freezer



Chilling Freezer



Type of connect with Heating machine



※Heating machine is steamer and flier

Spiral-type Freezer



Batch-type Freezer



Minus-Ion Thawing Chamber



※This system is patented.

Shuttle Conveyor



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