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› [Foster Commercial Ice Maker Model 505-700lbs User Manual](#)

**Foster 505-700lbs**

# Foster Commercial Ice Maker Model 505-700lbs User Manual

Model: 505-700lbs

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Foster Commercial Ice Maker Model 505-700lbs. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of the unit. Retain this manual for future reference.



*This image displays the complete Foster Commercial Ice Maker unit, consisting of the ice production head mounted on top of the insulated ice storage bin. The unit features a stainless steel exterior and a control panel on the upper section.*

## 2. SAFETY INSTRUCTIONS

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Always adhere to the following safety precautions to prevent injury or damage to the unit:

- **Electrical Connection:** This unit requires a 220-volt electrical supply. Installation and connection must be performed by a qualified electrician in accordance with all local and national electrical codes. The pigtail-style cord must be hardwired or connected to a compatible plug.
- **Water Connection:** Connect the unit to a potable water supply. Ensure all water connections are secure and leak-free. A water filter is included and must be installed correctly.
- **Ventilation:** Ensure adequate air circulation around the unit. Maintain at least 6 inches of clearance on all sides and the rear for proper operation of the air cooling system.
- **Level Surface:** Place the ice maker on a stable, level surface capable of supporting its weight when the storage bin is full of ice.
- **Cleaning:** Disconnect power before performing any cleaning or maintenance. Use only recommended

cleaning agents.

- **Authorized Service:** Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.

## 3. WHAT'S IN THE BOX

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Your Foster Commercial Ice Maker package includes the following components:

- 1x Ice Machine Head (Ice Production Unit)
- 1x Ice Storage Bin
- 1x Water Filter

## 4. SETUP AND INSTALLATION

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### 4.1 Location

Select a location that is level, stable, and can support the combined weight of the ice maker and a full bin of ice. Ensure the ambient temperature is within the recommended operating range (typically 50°F to 90°F / 10°C to 32°C). Provide at least 6 inches of clearance around the sides and rear of the unit to allow for proper airflow for the air cooling system.

### 4.2 Electrical Connection

This unit operates on a 220-volt electrical supply. The included pigtail-style cord requires hardwiring or connection to a compatible plug. This task must be performed by a licensed electrician to ensure compliance with all electrical codes and safety standards.

### 4.3 Water Connection

Connect the ice maker to a cold, potable water supply with adequate pressure. Install the provided water filter in line with the water supply to ensure optimal ice quality and protect the machine from sediment and impurities. Secure all connections to prevent leaks.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Initial Startup

After completing installation and ensuring all connections are secure, turn on the main power switch. The machine will perform an initial self-check. Allow the unit to run for several hours to stabilize and begin ice production. Discard the first few batches of ice to ensure cleanliness.

### 5.2 Ice Production

The Foster Commercial Ice Maker is designed to produce up to 700 pounds of full dice ice cubes per day. Ice will be automatically harvested and deposited into the 505-pound insulated storage bin. The machine will automatically stop production when the bin is full and resume when ice levels drop.



An illustration highlighting the primary features of the ice maker: a daily ice production capacity of 700 pounds, a 505-pound ice storage bin, and an automatic cleaning function for simplified maintenance.

### 5.3 Quiet Operation

This ice maker features a silent operating system engineered to minimize noise disruption, contributing to a more peaceful commercial environment.

**ENJOY  
PEACE AND QUIET  
WITH OUR ICE MAKER'S  
SILENT OPERATION**



*This image emphasizes the quiet operation of the Foster Commercial Ice Maker, indicated by a 'no sound' icon, ensuring a peaceful environment in commercial settings.*

## 5.4 Ice Cube Quality

The machine is designed to consistently produce uniform, clear, full dice ice cubes, suitable for a wide range of beverage and food service applications.

## 6. MAINTENANCE

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Regular maintenance is crucial for the longevity, efficiency, and hygienic operation of your ice maker.

### 6.1 Self-Cleaning Mode

The unit is equipped with an automated cleaning mode. Refer to the control panel instructions for specific steps on activating and running the self-cleaning cycle. It is recommended to run this cycle regularly to prevent mineral buildup and maintain ice quality.

### 6.2 Automatic Drainage

The automatic drainage function facilitates the removal of wastewater during cleaning cycles, simplifying the maintenance process.

### 6.3 Water Filter Maintenance

The water filter should be inspected periodically and replaced according to the manufacturer's recommendations or more frequently if water quality is poor. A clogged filter can reduce ice production and affect ice quality.

## 7. TROUBLESHOOTING

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If you encounter issues with your ice maker, consider the following common troubleshooting steps:

- **No Ice Production:** Check if the unit is powered on and properly connected to the electrical supply. Verify that the water supply valve is open and the water filter is not clogged.
- **Low Ice Production:** Ensure adequate ventilation around the unit. Check the water filter for clogs. Verify the ambient temperature is within the operating range.
- **Unusual Noise:** Ensure the unit is level. Check for any obstructions in the ice bin or around moving parts.
- **Water Leaks:** Inspect all water connections for tightness. Check the drain line for obstructions.

For persistent issues or problems not listed here, please contact Foster customer support or a qualified service technician.

## 8. SPECIFICATIONS

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Key technical specifications for the Foster Commercial Ice Maker Model 505-700lbs:

Feature	Specification
Model Name	505-700lbs
Ice Production Capacity	700 Pounds Per Day
Storage Bin Capacity	505 Pounds
Product Dimensions (D x W x H)	32.5"D x 30"W x 67"H
Material	Stainless Steel
Voltage	220 Volts
Wattage	700 watts
Cooling System	Air Cooling

**MATERIAL:**  
**Stainless Steel**

**VOLTAGE:**  
**220 Volts**



A visual representation of the ice maker's key specifications, including its dimensions (32.5 inches deep, 30 inches wide, 67 inches high), construction material (Stainless Steel), and electrical requirement (220 Volts).

## 9. WARRANTY AND SUPPORT

The Foster Commercial Ice Maker Model 505-700lbs is backed by a comprehensive warranty:

- **Parts and Labor:** 1-year warranty
- **Compressor:** 3-year warranty

For warranty claims, technical assistance, or to purchase replacement parts, please contact Foster customer service. Ensure you have your model number and purchase date available when contacting support.