

# DRUM HEATING OVEN



A [Drum Heating Oven](#) is designed to make your industrial processes more efficient and hassle-free by providing a simple, reliable way to heat and maintain the temperature of materials stored in drums or barrels. Whether you're working with oils, chemicals, resins, or other materials that need precise temperature control, this oven ensures even and consistent

heating, helping you avoid the headaches of manual heating methods or inconsistent results.



Imagine being able to quickly and safely heat the contents of your drums without worrying about overheating or uneven heat distribution. With adjustable temperature controls, you can set the exact temperature you need, and the oven will do the rest—no more guesswork. It's especially useful for industries like chemicals, pharmaceuticals, and food processing, where product consistency and quality are crucial.

Built to last, drum heating ovens are made from durable materials that can withstand the rigors of industrial use. They are energy-efficient, too, helping you reduce energy consumption while maintaining optimal performance. Plus, with built-in safety features like insulated doors and

thermal shut-offs, you can trust that your operation will run smoothly and safely.

In short, a drum heating oven not only saves time but also ensures that your materials are ready to use exactly when you need them, making your production process smoother and more efficient.



## COMPONENTS

A Drum Heating Oven is made up of several key components that work together to provide efficient and safe heating for drums or barrels. Here are the main components:

- Heating Elements
- Insulated Chamber
- Temperature Control System
- Air Circulation Fans (Optional)
- Drum Holders/Racks
- Safety Features
- Control Panel

- Loading Mechanism
- Exhaust or Ventilation System
- Thermal Insulation Panels
- Temperature Sensors

## APPLICATIONS

Applications of Drum Heating Ovens span across various industries where precise temperature control is essential for processing materials stored in drums or barrels. These ovens are designed to heat and maintain the temperature of liquids, chemicals, and other materials safely and efficiently. Here are some common applications:

- Oil and Lubricant Industry
- Chemical Industry
- Food and Beverage Industry
- Pharmaceutical Industry
- Cosmetic Industry
- Paints and Coatings Industry
- Adhesives and Sealants
- Bitumen and Asphalt Industry
- Resins and Polymers
- Manufacturing and Industrial Applications
- Wax and Paraffin Melting
- Cold Climate Applications

## Salient Features:

1. Equipped with a precision temperature control system for heating.
2. High-Quality insulation to minimize heat loss & enhance energy efficiency.
3. Advanced Heating elements ensures consistent & uniform heat distribution.
4. Designed for optimized energy usage, reducing operational costs.
5. User-Friendly digital control panel to monitor & adjust temperatures.
6. Designed for easy maintenance, ensuring minimal downtime.



## Type of Drum Heating Oven Manufactured

- Electric Cabinet Ovens for Drum / Barrel Heating Oven.
- Electric Infrared Drum Heating Oven.
- Steam Heated Cabinet Drum Heating Oven.
- Drum Spinning Heating Oven - Guarantees uniform heat and steady temperature.
- Temperature Control - Flameproof Sensors Multiple Drums Heating Oven.
- Thermic Fluid Drum Heating Oven.
- Steam Drum Heating Oven Manufacturer.
- Electrical Drum Heating Oven.

- 4 to 48 Drum Heating Oven or Customized Designed.
- Single or Double Door Drum Heating Oven.
- Semi-Automatic or Automatic Drum Heating system.

## Drum Heating Oven Details

Usage/Application	Drum / Barrel Heating Oven
Door Type	Single Door, Double Door
Automation Grade	Semi-Automatic / Automatic
Air-Flow Direction	Horizontal Air Flow, Vertical Down Airflow
Material	Stainless Steel / Mild Steel
Capacity	1000 – 2000 – 5000 kg
Heating Media	Electric / Gas / Diesel / Steam / Thermic Oil
Voltage	230 Volts Single Phase / 415 Volts 3 Phase 50Hz
Oven Type	Cabinet Ovens / Spinning Oven
Capacity	1- 48 drums / Customized Designed
Temperature Control	100-200-300 deg. Celsius
Timer & Alarm	24/7 timer / Visual Alarm Indicators
Fumes Outlet	Forced Exhaust Blower / Cooling Unit
Features	Flameproof
SCADA System	Integration & Controlling system from one point



**Remote Monitoring Operations:** We offer Advanced technology fully automated solutions; such cutting-edge technology, automated systems. Furthermore, it supports the detection and resolution of problems by offering remote control functionality. It enables companies to monitor and control their industrial processes remotely. We provide Training to Employees to control all operations independently & efficiently.

Electrical industrial ovens offer key advantages over other ovens, primarily in terms of cleanliness and precise temperature control. With electrical heating, there are no combustion. Furthermore, the power supply to the heating elements can be adjusted rapidly and accurately, enabling extremely precise temperature regulation throughout the heating process. We strongly recommend our clients to Install electric ovens.



## CLIENTS

### OUR GLOBAL PRESENCE







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