



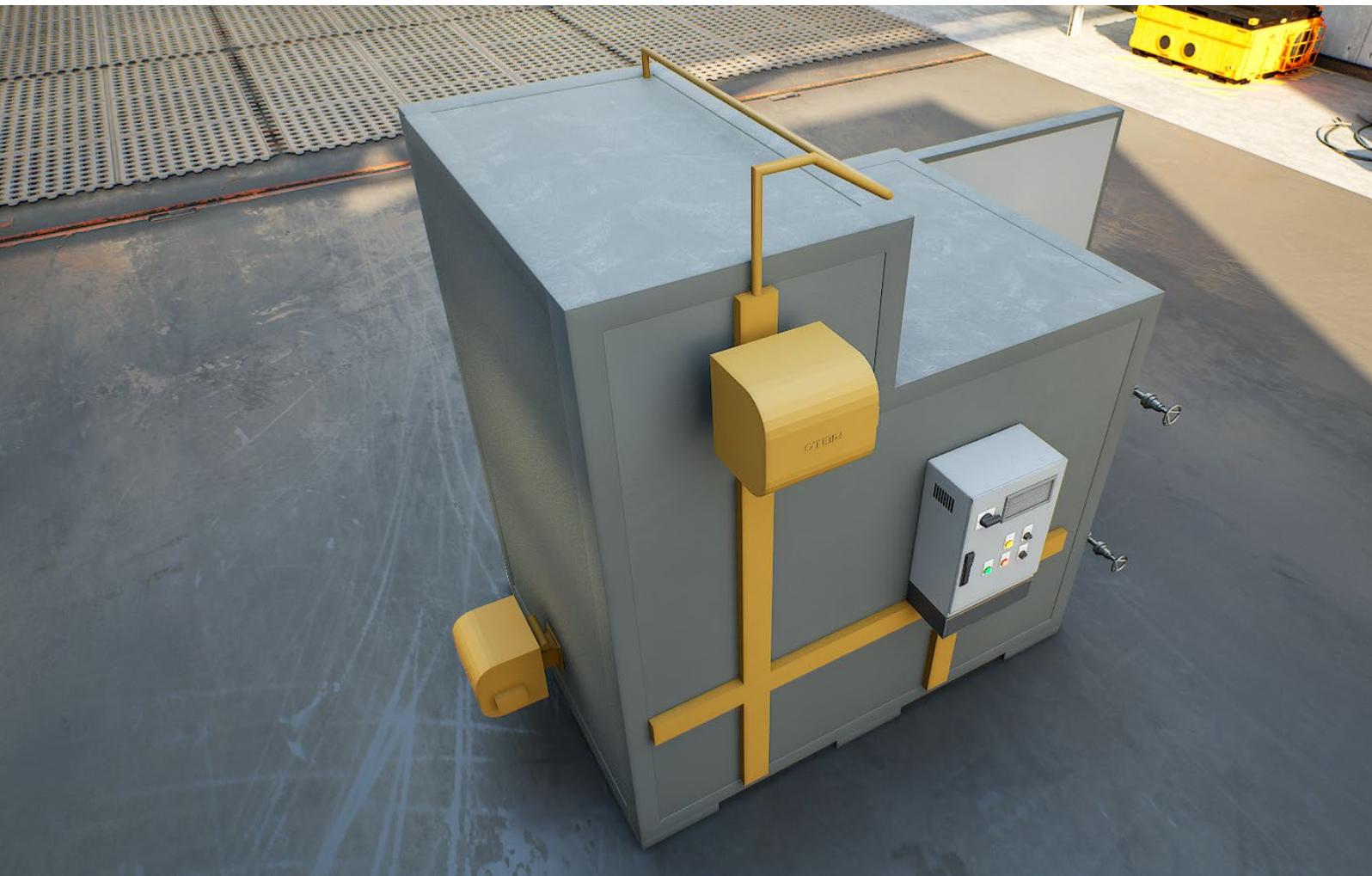
"MT Makina Hanger Cleaning Technology"

Hanger Cleaning Oven, Environmentally Friendly and Effective Paint Removal Solution;

Our Hanger Cleaning Oven is a special baking machine used in industrial cleaning. These ovens enable the cleaning of materials such as hangers, hooks, bars and grids used in paint systems, as well as motor housings, conveyor chains and coatings on the surface of defectively painted metal parts without using chemicals. The working principle of our Hanger Cleaning Oven is to decompose the organic and inorganic chemical bonds in the paint by heating in a flameless and low oxygen environment.

Advantages of Hanger Cleaning Oven;

Since no chemicals are used, the amount of environmental waste is minimal, which offers an environmentally friendly solution. Since it works in a flameless and low-oxygen environment, it does not harm the environment with low emission values. Parts are cleaned quickly and effectively thanks to the high temperature and low oxygen environment. Automatic loading and unloading systems reduce labor costs and increase productivity. Cleaning without the use of chemicals reduces operating costs and provides economic advantages. Compact oven models are available for small-scale enterprises and large capacity ovens for large-scale industrial facilities. Robust construction made of high quality materials ensures long-lasting use. The ovens are easy to maintain regularly and offer long-term reliability with low maintenance costs.



High Temperature Operation

The oven works by heating in a flameless and low oxygen environment. The heat decomposes the organic and inorganic chemical bonds in the paint, ensuring effective cleaning.

Primary Heat Inlet Honeycomb

The heat is directed into a chamber containing a flame and only high heat is supplied to the work area with the parts. This ensures that the parts do not come into contact with the flame.

User Friendly Interface

The oven is equipped with a user-friendly control panel. This panel allows easy adjustment of temperature settings, timer and other parameters.

Automatic Shutdown

The oven shuts down automatically when the cleaning process is complete, saving energy and increasing operator safety.

Minimum Environmental Waste

Since no chemicals are used, the amount of environmental waste is minimal, providing an environmentally friendly solution.

Low Emission

Since it operates in a flameless and low oxygen environment, it does not harm the environment with low emission values.

Fast and Effective Cleaning

Thanks to the high temperature and low oxygen environment, parts are cleaned quickly and efficiently.

Technical Specifications

MODEL	CAPACITY (KG/S)	M3
ATF-40 HANGER CLEANING OVEN	12	4
ATF-80 HANGER CLEANING OVEN	14	8
ATF-100 HANGER CLEANING OVEN	14	10
ATF-120 HANGER CLEANING OVEN	15	12
ATF-140 HANGER CLEANING OVEN	15	14



Hanger Cleaning Oven Performance and Efficiency;

High Temperature Heating

The inside of the furnace is heated to a set temperature at which the parts are cleaned. Organic and inorganic chemical bonds are decomposed and removed from the surface in a flameless and low oxygen environment.

Combustion Chambers

A more efficient combustion process is realized with a double combustion chamber (primary and secondary).

Flameless Cleaning

The parts are cleaned at high temperature without contact with the flame, so they do not deform.

Insulation Materials

The interior of the oven is lined with high quality insulation materials to minimize heat loss.



Hanger Cleaning Ovens Application Areas;

Cleaning of hangers, hooks, bars and grids used in paint plants. Cleaning of coatings on the surface of engine housings and conveyor chains used in the automotive industry. Cleaning of various metal parts in the metal processing industry. Cleaning of coatings on metal parts used in the furniture industry.

Automatic Loading System;

The automatic loading system allows the hangers to be placed in the oven quickly and smoothly without the need for manual intervention. It speeds up the cleaning process and increases production efficiency. Reducing the physical burden of operators, this system minimizes personnel requirements. Thus, labor savings are achieved and operating costs are reduced. The automatic loading system ensures high accuracy in

continuous and repetitive work. It maintains the quality standard by loading with the same precision every time. It prevents work accidents that may occur in manual loading processes. The automatic system increases operator safety by providing a safe working environment. The automatic loading system works integrated with the general control system of the oven. In this way, the entire cleaning process can be managed from a single control panel. High-precision sensors and control mechanisms ensure that the hangers are placed in the correct position and evenly. The system is designed to require minimal maintenance. Thanks to its user-friendly design, maintenance operations can be carried out quickly and easily.

Door Safety Lock System;

The door safety interlock system prevents accidental or accidental opening of the oven door. It minimizes the risk of operators coming into contact with high temperatures and steam and provides a safe working environment. Opening the door during the cleaning process can interrupt the process and reduce productivity. The safety interlock system ensures that the oven door only opens when the process is complete, ensuring uninterrupted operation. The door safety interlock system is integrated with the oven control panel. This means that operations such as opening or locking the door can be managed through a central control system. When the oven door is closed, the safety interlock system automatically activates and locks the door. It helps to ensure safety without the need for manual intervention. The safety interlock system is made of high quality materials and ensures a long service life. It is designed to withstand harsh industrial conditions. Audible and visual alarm system to alert operators when the door safety lock is engaged or malfunctioning. Manual opening mechanism for emergencies ensures safe opening of the door.

OPTIONAL FEATURES

- Automatic Loading
- Wet Chimney Flushing System
- Dry Chimney Washing System
- Semi-Dry Chimney Flushing System
- Gas Filtration System
- Emission Monitoring System
- Production in Different Capacities
- Different Brand Burners
- Loading with Crane



FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT IS A HANGER CLEANING OVEN?

Hanger cleaning oven is a baking machine that cleans coatings, grease, polymer, sedimented oil, dust, wet paint and cataphoresis coatings on the surfaces of metal parts such as hangers, hooks, bars used in paint and coating processes without using chemicals, at high temperature and in a low oxygen environment.

HOW DOES THE HANGER CLEANING OVEN WORK?

The oven operates in a flameless and low-oxygen environment. It decomposes the organic and inorganic chemical bonds in the paint by heating it at high temperature. In

this way, coatings are easily removed from the surface. The parts are only exposed to high temperature without contact with the flame.

WHICH MATERIALS CAN BE CLEANED IN THE HANGER CLEANING OVEN?

Various metal parts such as hangers, hooks, bus bars, gratings, motor housings, conveyor chains, defectively painted metal parts, grease, polymer, deposited oil, dust, wet paint and cataphoresis coatings can be cleaned.

HOW DOES THE HANGER CLEANING OVEN CLEAN WITHOUT USING CHEMICALS?

The oven cleans by decomposing organic and inorganic bonds in a high temperature and low oxygen environment without the use of chemicals. This method provides effective cleaning without producing chemical waste.

IN WHICH SECTORS IS THE HANGER CLEANING OVEN USED?

It is used in various industries such as automotive, shipbuilding, metalworking, furniture, paint plants and general industrial cleaning.

AT WHICH TEMPERATURES DOES THE HANGER CLEANING OVEN WORK?

Our suspension cleaning oven operates in the 425 - 485 °C range. These temperatures change the molecular structure of paints and coatings, allowing them to be separated.

WHAT ARE THE MAINTENANCE REQUIREMENTS OF HANGER CLEANING FURNACES?

The furnaces require regular maintenance, but offer long-term reliability with low maintenance costs. Periodic checks and cleanings keep the furnace running efficiently.

WHAT ARE THE SIZES AND CAPACITIES OF HANGER CLEANING FURNACES?

Ovens are produced in a variety of sizes and capacities, from compact models for small-scale businesses to large-capacity models for large-scale industrial plants.

HOW TO SET UP AND OPERATE A HANGER CLEANING OVEN?

The installation of the oven is carried out by a team of experts. Thanks to the user-friendly control panel, temperature, timer and other parameters can be easily adjusted.

Automatic loading and unloading systems ensure efficient operation of the furnace with minimal operator intervention.

WHAT ARE THE ENVIRONMENTAL IMPACTS OF USING A HANGER CLEANING OVEN?

Since no chemicals are used, the amount of environmental waste is minimal. Low emission values do not harm the environment, making the oven an environmentally friendly solution.

WHAT IS THE ENERGY CONSUMPTION OF HANGER CLEANING FURNACES?

Energy consumption is optimized thanks to high quality insulation materials and automatic shutdown features. Ovens reduce operating costs by operating energy efficiently.