



Sahara

INDUSTRIAL OVENS

Industrial Ovens

Truck-In Ovens

ST6-350-44

Sahara Industrial Truck-In Ovens offer a range of sizes and heating arrangements to meet a variety of heating applications.

Benko Products is not restricted to industrial oven standard model sizes and, instead, will custom build an industrial oven to your specifications.

Standard Features

The Sahara Industrial Truck-In Oven has many unique features:

- Custom-built to your specifications
- Available with insulated floor and wheel tracks
- Precise temperature control, including a thermocouple actuated PID digital temperature controller and adjustable PID digital over temperature protection.
- Motor control push buttons
- On-off heat switch
- LED pilot lights
- **2-year Manufacturer's warranty.**

Materials of Construction

Rugged, steel construction includes:

- 12 gauge interior walls and 14 gauge exterior walls
- Integrated framing and structural members ensure toughness
- 304 stainless steel construction available

Insulation

3" to 6" thick, 6# density mineral wool

Heating Medium

- Electricity or Gas
- Steam, hot oil, or hot water models available.

Temperature Range

Room temperature to 500°F
(Ratings for 650°F or 800°F optional)

Air Circulation

- Air circulation with internal plenums for uniform airflow within the oven

Finish

- Exterior finished with acrylic enamel or corrosion resistant urethane system
- Interior finished with heat resistant silver
- Stainless steel available

Installation

Shipped completely assembled.
Set in place and hook up power supply.

Engineering

Custom engineered, computer designed units are available. Contact us for more information.

Options

- Companion trucks and carts built to your specification
- Exhaust vent with damper
- Interior door latch
- Outdoor use package
- Chart recorder
- Door switch
- Adjustable timer
- Ethernet or serial bus communication
- Profile temperature control with ramp and hold capability
- Industrially hardened SCADA (supervisory control and data acquisition) system capable of controlling 20 ovens
- Integrated PLC controls with touch screen
- Class "A" oven controls with powered exhaust systems are readily available upon request

Designed and
Manufactured by:

BENKO PRODUCTS
ENGINEERED TO BE MORE

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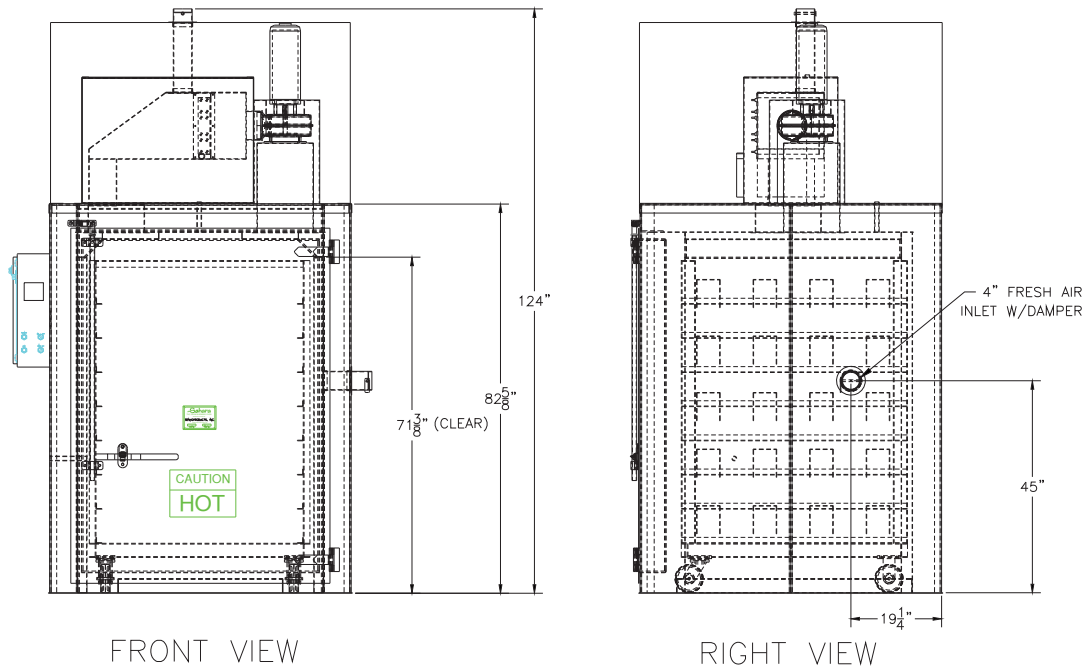
Truck-in Oven Model #: ST6-350-33 ST6-350-44 ST6-350-46

PHYSICAL SPECIFICATIONS

Chamber Size (HxWxD)	6'H x 3'W x 3'D	6'H x 4'W x 4'D	6'H x 4'W x 6'D
Overall Size (HxWxD)	9'H x 4'W x 4'D	9'H x 5'W x 5'D	9'H x 5'W x 7'D
Heater 60Hz 3PH 480VAC	12kW	18kW	18kW
Exhaust Outlet	4"	4" or 6"	4" or 6"
Insulation and Floor Tracks	3" #6	3" #6	3" #6

FUNCTIONAL SPECIFICATIONS

Time to Temp 70°F to 350°F	35 min	35 min	40 min
Temperature Uniformity	+/-5°F	+/-5°F	+/-10°F
Recirculating Fan	1020 CFM	1020 CFM	1020 CFM
Exhaust Fan (optional)	50-330 CFM	50-330 CFM	50-330 CFM



Featured Options: UL508/CSA	All of our panels' UL and Non UL go through a 3 step quality check. The UL or CSA Mark provides evidence of third party certification.
Door Switch Programmable Controller Digital Recorder Controller	A door switch can be programmed to cycle an exhaust blower or allow for load/unload operations. Watlow F4T programmable batch processing control with touch screen Eurotherm Nanodac 4-point recorder/controller

Contact us for more information on a custom solution for your application!



WARRANTY: All products manufactured by Benko Products, Inc. have a two (2) year warranty (unless otherwise specified) from the date of shipment against defects in workmanship or material. Any part or component, except items covered by warranties of other manufacturers, returned to the factory or service center freight prepaid by the owner, found upon examination by Benko Products, Inc. to be defective or the result of improper workmanship by the factory will be repaired or replaced without charge and returned to the owner freight prepaid by Benko Products, Inc. Any alterations of Benko Products, Inc. products void any warranty or liability on the part of Benko Products, Inc. Benko Products, Inc. does not guarantee product capacity if alterations are made.