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
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.

<table>
<thead>
<tr>
<th>Truck-in Oven Model #:</th>
<th>ST6-350-33</th>
<th>ST6-350-44</th>
<th>ST6-350-46</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYSICAL SPECIFICATIONS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chamber Size (HxWxD)</td>
<td>6'H x 3'W x 3'D</td>
<td>6'H x 4'W x 4'D</td>
<td>6'H x 4'W x 6'D</td>
</tr>
<tr>
<td>Overall Size (HxWxD)</td>
<td>9'H x 4'W x 4'D</td>
<td>9'H x 5'W x 5'D</td>
<td>9'H x 5'W x 7'D</td>
</tr>
<tr>
<td>Heater 60Hz 3PH 480VAC</td>
<td>12kW</td>
<td>18kW</td>
<td>18kW</td>
</tr>
<tr>
<td>Exhaust Outlet</td>
<td>4&quot;</td>
<td>4&quot; or 6&quot;</td>
<td>4&quot; or 6&quot;</td>
</tr>
<tr>
<td>Insulation and Floor Tracks</td>
<td>3&quot; #6</td>
<td>3&quot; #6</td>
<td>3&quot; #6</td>
</tr>
<tr>
<td><strong>FUNCTIONAL SPECIFICATIONS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time to Temp 70°F to 350°F</td>
<td>35 min</td>
<td>35 min</td>
<td>40 min</td>
</tr>
<tr>
<td>Temperature Uniformity</td>
<td>+/-5°F</td>
<td>+/-5°F</td>
<td>+/-10°F</td>
</tr>
<tr>
<td>Recirculating Fan</td>
<td>1020 CFM</td>
<td>1020 CFM</td>
<td>1020 CFM</td>
</tr>
<tr>
<td>Exhaust Fan (optional)</td>
<td>50-330 CFM</td>
<td>50-330 CFM</td>
<td>50-330 CFM</td>
</tr>
</tbody>
</table>

**Featured Options:**
- UL508/CSA
- Door Switch
- Programmable Controller
- Digital Recorder Controller

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.

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!