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# PALLET INFERNO HEAT TREATMENT SYSTEMS

(Patent Pending)



Patent Pending Design by Wiedemeier Wood Dryers, LLC  
Porterfield, Wisconsin

[www.palletinferno.com](http://www.palletinferno.com)

**KILLS THE EMERALD ASH BORER & other pests!**

Made in America

The Inferno, LLC • [www.palletinferno.com](http://www.palletinferno.com)  
Contact: (715)-789-2593 • (715)-923-8403

# PALLET INFERNO

## HEAT TREATMENT SYSTEMS

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### MAJOR FEATURES:

1. Process more in less time; 100 to 150 pallets an hour depending on species of wood
2. Fast pre-heat; 1 hour depending on facility conditions and temperature
3. Can be used as a flow through or batch run
4. Designed with air curtains to minimize heat loss if needed
5. Constructed of quality, heavy duty materials for long life
6. Variable, time/temperature control allowing multiple use applications
7. Minimal labor required to operate

**IT'S SIMPLE – IT'S EFFICIENT – IT GETS THE JOB DONE.**

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## INTRODUCTION

The Pallet Inferno, made in America is the only flow through heat treatment system/process that allows you to kill unwanted pests. It uses technology developed to meet vigorous ISPM-15 guidelines for heat treating wood based material for export. The heat treatment process is tracked with electronic heat sensors throughout the kill cycle to ensure harmful pests are destroyed.

- One simple switch will activate the machine to preheat and function. The heat is controlled by a control panel enclosure that also controls speed and air flow. This can be adjusted easily by using a digital programmable inverter inside the panel
- The travel speed can be easily adjusted
- Machine will come up to temperature (380°- 420°F) in about an hour
- Stacked pallets are set on a feed deck and travel through an entrance door into the oven and exits in approximately 60 minutes
- There are emergency stops on both ends of the machine
- Based on pallet size, this machine can treat 100 to 150 pallets per hour
- No harmful residues
- Factors that affect heat treating cycle time:
  - Temperature surrounding oven
  - Temperature, humidity and density of pallets

**THIS SYSTEM ALLOWS YOU TO SAFELY HEAT TREAT WOODEN PALLETS AND MORE TO ISPM-15 GUIDELINES WITHOUT HARMFUL RESIDUES.**

**THE PALLET INFERNO IS THE RIGHT, COST EFFECTIVE CHOICE TO HEAT TREATING UNWANTED PESTS**

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### **OPERATIONS DATA**

- Reaches temperature in minimal time 380°- 420°F in about an hour
- The Pallet Inferno is customized to accommodate a wide variety of sized pallets

Electrical usage cost is approximately \$11 - \$12 per hour depending on variables with types of pallets. The Pallet Inferno uses 3 phase electric tubular heating elements to power the machine. Just one switch and you are in business! No longer will you have to waste time and money by shipping your pallets to an off-site heat treating operation or facility.

Machine will be set up for permanent site installation.

### **MACHINE SPECIFICATIONS – PERMANENT SITE**

- Constructed of high quality, heavy duty materials
- Powered with efficient 3-phase frequency drive motor
- Needs 480 volt, 3 phase, 200 amp service (operation draws approximately 150 amps)  
Control panel to control air flow, heat and speed of travel
- Approximate weight varies between models (15,000 – 18,000 lbs)
- Steel for legs, back, and uprights is 2" x 4" x ¼" wall tubing (painted)
- 2-81X Chains are placed 36" on center to accommodate stacks of pallets.

**ELECTRIC SERVICE MUST BE PROVIDED BY CUSTOMER**

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