



***THE HTP-100-850° SUPER OVEN  
GREATLY REDUCES H<sub>2</sub>O CON-  
TENT IN FLUX TO BELOW 0.05% BY  
HEATING UP TO 850° F (454° C)!***

TO SEE ALL OUR PRODUCTS, VISIT US AT OUR  
WEB SITE : [www.weldengineering.com](http://www.weldengineering.com)

# HTP-100-850° SUPER OVEN

THE COMPLETE AND READY TO USE HTP-100-850° SUPER OVEN BAKES FLUX AT 850° F (454° C) TO GREATLY REDUCE H<sub>2</sub>O CONTENT IN FLUX TO 0.05% BY WEIGHT AND AUTOMATICALLY RESETS TO A PRESET STORAGE TEMPERATURE.

## IMPORTANT FEATURES:

- Typically holds over 100lb. (46Kg) of flux. (Weight will vary depending on type and density of flux.)
- Powerful 1500 watts of heating power. (Uses specially designed elements to prevent localized overheating of flux.)
- Total and uniform heating of flux. (Heating elements extend through the flux, insuring total heat transfer. Most flux particles are not more than 3" from a heating element.)
- By a simple push of a button, the HTP-100-850° bakes flux at an adjustable temperature of 34° F (1.1° C) to 850° F (454° C) for an adjustable time (0 to 999 hrs, factory set at 3 hrs).
- Automatically resets to an adjustable storage temperature of 34° F (1.1° C) to 850° F (454° C) after bake cycle.
- Pressing re-bake button starts re-bake cycle over again.
- Holds at the storage temperature until the re-bake button is pressed.
- Digital control provides accurate temperature control and high visible, bright numbers.
- High temperature fiber glass insulation for maximum efficiency.
- High temperature paint (where necessary).
- Removable debris and slag screen.
- Designed to reduce H<sub>2</sub>O content in flux to below 0.05% by weight.
- Designed to eliminate "hydrogen assisted cracking" in high yield steels.
- Flux valve on front of oven discharges hot flux quickly and easily to an appropriate high temperature container.
- Note: Stationary HTS-700-850° 700 lb (318 Kg) flux oven is also available.

## SPECIFICATIONS:

- **Input Power:** (1500 watt) 220V / 1ph / 50-60HZ and 380-415, 460V / 3ph / 50-60HZ standard. Other voltages available.
- **Dimensions:** 57"(145cm)H X 28"(71cm)W X 29"(74cm)D
- **Weight (Empty):** 280lb. (127 Kg)



**WELD  
ENGINEERING CO., INC.**

34 Fruit St.  
Shrewsbury, MA 01545 (U.S.A.)  
Telephone: (508) 842-2224  
Fax: (508) 842-3893  
Web Site: [weldengineering.com](http://weldengineering.com)  
Email: [sales@weldengineering.com](mailto:sales@weldengineering.com)