

## Hot Stamping Furnace

Lindberg/MPH hot stamping furnaces provide uniform heating for a wide range of high-strength steels or aluminum materials prior to hot stamping or hydro-forming applications. Lindberg/MPH hot stamping furnaces are available in batch or multiple batch style configurations and are designed to heat any structural size or shaped part. These furnaces can be designed with rapid and selective heating areas, fast opening doors to meet any loading/unloading speeds, and data acquisition systems for full process reporting.

Lindberg/MPH hot stamping furnaces are built to be flexible and ensure continuous production. Furnace chambers can be adjusted to meet the requirements of your parts, growing as your process grows. Temperatures can be adjusted for any given part. A modular design allows for individual chamber shutdown, ensuring that you never need to completely interrupt production for maintenance.

### Configurations

- Batch style
- Multiple batch style

### Turnkey Automation

- Pin pallets and blank loading systems
- Centering stations
- Fork loading/unloading systems
- Robots and end of arm tooling

### Features

- Stackable heating chambers up to seven (7) high
- Fully automated cells with PLC controls and optional data acquisition
- Three (3) independent heating zones per chamber
- Atmosphere compatible with gas control for each chamber
- Unique hearth and pier designs to meet process requirements
- Air cooled furnace shells
- Low temperature convection heating chambers



### Benefits

- Provides heating rates for high production requirements
- Compatible with robotic or mechanical loading / unloading devices
- Allows for custom heating for any structural size or shape
- Keeps steel parts free from scale or oxidation
- Design offers any type of robotic loader or other end of arm tooling
- No cooling water required for entire system.
- 1000°F units for Aluminum applications



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