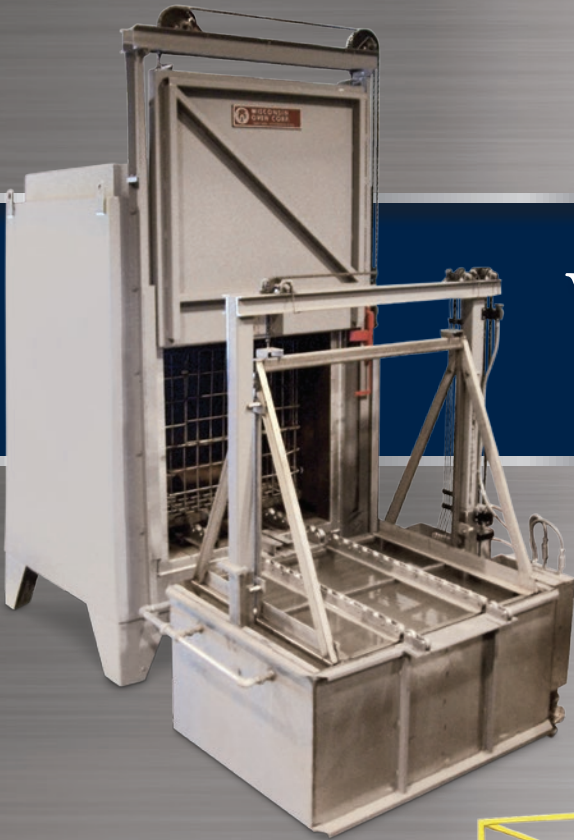




# WISCONSIN OVEN CORPORATION



**HIGH PERFORMANCE**

**BATCH & CONVEYOR INDUSTRIAL OVENS**

*Standard and Custom Designs to Meet Your Process Requirements*





## STANDARD BATCH OVEN MODELS

**Wisconsin Oven** manufactures high quality industrial batch ovens for a multitude of applications. Standard batch oven configurations include reach in, walk-in, top-load, and horizontal quench designs that are available in hundreds of sizes. **Wisconsin Oven's** standard batch ovens are factory adjusted and tested prior to shipment from our facility to help reduce installation and start-up times.



### Enhanced Duty Walk-In Oven (EWN)

The EWN, our most popular line of industrial batch ovens, is available in fifty-seven (57) standard sizes (custom sizes available on request). The standard maximum temperature rating is 500° F, with optional ratings of 650°F and 800°F. The EWN is manufactured with all the same quality features as other Wisconsin Oven batch ovens, and the base EWN model includes our most common optional features.

57

Standard  
Sizes

Up to

800°F

(425°C)

Gas  
or  
Electric+  
Custom  
Options

### Express Batch Oven (EBO Series)

The EBO line of ovens are standardized batch ovens that are pre-engineered in twenty-six (26) sizes. As a result, Wisconsin Oven is able to manufacture at a lower price point and shorter lead time without compromising quality. Available with electric or gas heat and a standard maximum temperature rating of 500°F (260°C).

26

Standard  
Sizes

Up to

500°F

(260°C)

Gas  
or  
Electric

### Standard Duty Walk-In Oven (SWN)

The Standard Duty Walk-In Oven (SWN) line is available in fifty-five (55) standard sizes (custom sizes available on request), either gas fired or electrically heated. The standard maximum temperature rating is 500°F (260°C), with optional ratings of 650°F (343°C) and 800°F (425°C).

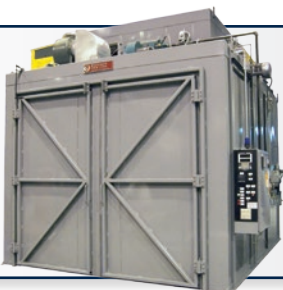
55

Standard  
Sizes

Up to

800°F

(425°C)

Gas  
or  
Electric+  
Custom  
Options

### Heavy Duty Walk-In Oven (SWH)

The SWH line provides premium quality for demanding applications and is available in seventy (70) standard sizes, either gas or electrically heated. The SWH includes a higher heat input and recirculation rate for increased performance. The standard maximum temperature rating is 500°F (260°C), with optional ratings of 650°F (343°C), 800°F (425°C) and 1,000°F (540°C).

70

Standard  
Sizes

Up to

1000°F

(540°C)

Gas  
or  
Electric+  
Custom  
Options

### Ultimate Heavy Duty Walk-In Oven (UWH)

The UWH line provides ultimate performance for the most demanding applications. It is offered in 72 standard sizes ranging from 1,024 to 6,000 cubic feet. The standard maximum temperature rating is 500° F (260°C), with optional ratings of 800°F (425°C) and 1,000°F (540°C).

72

Standard  
Sizes

Up to

1000°F

(540°C)

Gas  
Fired+  
Custom  
Options





## STANDARD BATCH OVEN MODELS (Cont.)



### Heavy Duty Small Batch or Bench Oven (SBH)

The SBH line is designed for heavy-duty applications and comes in twenty-seven (27) standard sizes (custom sizes are available upon request). The SBH is designed for two (2) maximum temperature ratings, 650°F (343°C) and 1,000°F (540°C). These small batch ovens are a good choice for processes which have long dwell times or require high volume production.

27  
Standard  
Sizes

Up to  
1000°F  
(540°C)

Electric  
Heat

+  
Custom  
Options



### Heat Treat and Draw Temper Furnace (SDB)

The SDB line is available in ten (10) standard sizes (custom sizes available) and either gas fired or electrically heated in four (4) temperature ranges. The standard maximum continuous temperature ratings offered are 800°F (425°C), 1000°F (540°C), 1250°F (675°C), and 1400°F (760°C). When specified, the equipment can be designed to meet even the most stringent standards (i.e. AMS2750, AMS2770, or BAC5602, to name a few).

10  
Standard  
Sizes

Up to  
1400°F  
(760°C)

Gas  
or  
Electric

+  
Custom  
Options



### Horizontal Quench System (HQS)

The HQS line is a cost-effective alternative to a drop bottom furnace, for aluminum solution treatment. It is available in ten (10) standard sizes (custom sizes available) and either gas fired or electrically heated. Maximum temperature ratings up to 1,250°F (675°C) are available and the load capacity is up to 6,000 lbs. The equipment utilizes an electrically or hydraulically operated pusher/extractor mechanism that provides a quench time as low as seven (7) seconds.

10  
Standard  
Sizes

Up to  
1250°F  
(675°C)

Gas  
or  
Electric

+  
Custom  
Options



## CUSTOM BATCH OVEN MODELS

*Wisconsin Oven's* custom batch ovens are designed to meet the most stringent specifications. *Wisconsin Oven's* extensive experience and knowledgeable staff can fill any need for industrial batch ovens. Whether it is a "customized" standard oven or complete engineered solution, your complete satisfaction is our ultimate goal. Our patented industrial oven technology enables us to build any size unit, with operating temperatures to 1,400°F (760°C) in any heat source. Custom batch equipment is available in a variety of configurations including pit, walk-in, car-bottom, top-load, elevator, and drop-bottom designs. Custom batch ovens are used for a variety of applications and processes such as aging, tempering, annealing, curing, preheating, drying, composite curing, shrink-fitting, and heat-forming.



## CUSTOM CONVEYOR OVEN MODELS

**Wisconsin Oven** manufactures a wide variety of industrial conveyor ovens and furnaces. Our continuous process ovens are designed in a variety of configurations including flat conveyor belt style, chain conveyors, Ferris wheel, carousel, overhead trolley, serpentine, chain-on-edge, spindle, slat type, strip cure, print plate, pusher ovens, dog beams, wash-draw furnaces, as well as specialized custom continuous conveyor ovens. We can also design an oven to accommodate your existing conveyor. Conveyorized ovens are used in a wide range of applications and processes such as tempering, annealing, curing, preheating, drying, shrink-fitting, and heat-forming.

## AFTER-MARKET SERVICES

**Wisconsin Oven Corporation** provides an extensive list of services for existing equipment, regardless of the manufacturer, along with a large inventory of replacement parts. We pride ourselves on meeting your parts and service needs no matter what brand industrial oven you use. Our goal is to help our customers maintain their current equipment to maximize their production. Proper equipment maintenance minimizes downtime, improves efficiencies, and increases profitability. After-market offerings for industrial oven equipment include replacement parts, installation services, modifications, refurbishments, relocations, rebuilds, preventative maintenance, uniformity services, and start-up training. We strive to provide complete customer satisfaction on every project we undertake.



**Wisconsin Oven Corporation**

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### Thermal Product Solutions, LLC

Wisconsin Oven is owned by Thermal Product Solutions ("TPS"), a leading American manufacturer of industrial ovens, furnaces, pharmaceutical sterilizers, laboratory ovens, environmental temperature chambers, and stability test chambers. TPS brands include Baker Furnace, Blue M, Gruenberg, Tenney, Lindberg, Lunaire, MPH, and Wisconsin Oven.  
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