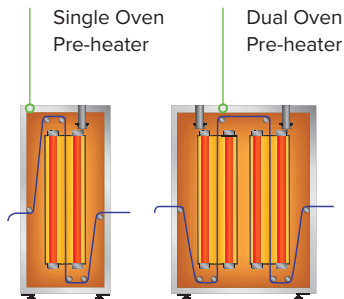


# PH-Series Pre-heater Ovens

Let Material Expand Naturally to Eliminate Distortion and Reduce Sag



| Specifications             | PH-33  | PH-43  | PH-53  | PH-58  |
|----------------------------|--|--|--|--|
| Max Sheet Width            | <b>33" (838mm)</b>                               | <b>43" (1092mm)</b>                              | <b>53" (1346mm)</b>                              | <b>58" (1473mm)</b>                              |
| Oven Size (Width x Length) | <b>33" x 80"</b><br><b>(838mm x 2032mm)</b>      | <b>43" x 80"</b><br><b>(1092mm x 2032mm)</b>     | <b>53" x 80"</b><br><b>(1346mm x 2032mm)</b>     | <b>58" x 116"</b><br><b>(1473mm x 2946mm)</b>    |
| Oven Configuration         | <b>Single oven quartz panel</b>                  | <b>Single oven quartz panel</b>                  | <b>Single oven quartz panel</b>                  | <b>Single oven quartz panel</b>                  |
| Oven Carriage              | <b>Side roll away</b>                            | <b>Side roll away</b>                            | <b>Side roll away</b>                            | <b>Side roll away</b>                            |
| Feed Rolls                 | <b>Variable speed driven</b>                     | <b>Variable speed driven</b>                     | <b>Variable speed driven</b>                     | <b>Variable speed driven</b>                     |
| Machine Controls           | <b>PLC processor with push button controls</b>   | <b>PLC processor with push button controls</b>   | <b>PLC processor with push button controls</b>   | <b>PLC processor with push button controls</b>   |
| Oven Controls              | <b>3 zone for right/center/left side control</b> | <b>3 zone for right/center/left side control</b> | <b>3 zone for right/center/left side control</b> | <b>3 zone for right/center/left side control</b> |
| Thread-up Feature          | <b>Easy straight through thread-up feature</b>   | <b>Easy straight through thread-up feature</b>   | <b>Easy straight through thread-up feature</b>   | <b>Easy straight through thread-up feature</b>   |
| Unwind Stand               | <b>Available</b>                                 | <b>Available</b>                                 | <b>Available</b>                                 | <b>Available</b>                                 |
| Avg Operational Amps       | <b>120 amps</b>                                  | <b>150 amps</b>                                  | <b>235 amps</b>                                  | <b>355 amps</b>                                  |



# PH-Series Pre-heater Ovens

## Let material expand naturally to eliminate distortion & reduce sag

Pre-heater Ovens allow material to expand naturally prior to entering the pin chain of the thermoformer, eliminating distortion within the sheet and reducing sag. Our Pre-heater Ovens are designed to utilize minimal floor space when positioned at the infeed end of the thermoformer and are equipped with a variety of user friendly features.

An easy, straight-through sheet thread design with variable speed rollers moves the sheet vertically through the oven. This promotes even heating from both sides and synchronizes the heated material with the thermoformer. A quartz panel oven with multiple control zones provides precise heating of the right, center and left sides of the sheet. The oven is mounted on a roll away carriage for thread-up, maintenance and the ability to remove the heat source, making our Pre-heater Ovens a complete stand-alone solution.

## FEATURES

- > Horizontal Sheet Feeder – easy start-up
- > Auto Oven Out – prevents fires and burns
- > Free State Material Handling – allows sheets to expand naturally and get the core hotter faster for quicker processing speeds

## OPTIONS

- > Oven Pyrometer
- > Roll Stand with Sheet Payout System
- > Extrusion Dancer Bar
- > Air-Conditioned Electrical Cabinets
- > International Voltages Available
- > CE, CSA & HSE Approvals

Variable Speed Rollers



Roll Away Oven



Easy Operator Controls

To see how BMG Forming Solutions can help your business, reach out today.



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