

# PDQ INFRARED OVEN ORDERING CONSIDERATIONS

OTS Corporation has been making PDQ Infrared Ovens for over twenty years. Some of the original models are still in use around the world. We still make replacement parts for those ovens, so you may see items that do not relate to models with which you are familiar.

## POWER GRIDS

The ovens are made in two configurations to match the power grid in North America or Europe. Power for the ovens in the US and Canada is 208-240 volt, single phase as for a clothes dryer. This is different from 230 volt, single phase European power, which is not supported. Power for the ovens in Europe is 380-400 volt, three phase. Because the ovens are tested and certified to allow them to be exported, they can only be ordered in these types. Some areas of the world have "non-standard" power grids. In these cases, the customer will need to have a local electrician install a transformer on their system to match one of the two approved types. Ovens for the European grid are shipped with a power cord. Those for the US and Canada are not corded; a local electrician will have to attach them to a dedicated circuit. These features are required by the testing agency, and cannot be modified. See the catalog for amperage requirements.

## SHIPPING

In the continental US, ovens are shipped by OTS using our LTL truck carrier. Due to our volume, a customer usually cannot match our shipping quote. If the customer insists on using their carrier, OTS cannot be liable for damage to the oven after it leaves our dock. In addition to normal shipping, customers without a loading dock and forklift will ordinarily opt for lift gate service. Timekeeper service (guaranteed date & time) and inside delivery are also options. We call US/Canadian customers to confirm they are ready to receive the oven prior to shipping. Overseas, the ovens can be shipped by air, sea or in containers. For questions regarding weight and dimensions, or to obtain a shipping quote, call OTS at 800-221-4769.

## MANUFACTURING LEAD TIME

In an effort to reduce inventory costs, OTS does not ordinarily stock ovens. Oven orders will be put into the production schedule when a purchase order is emailed or faxed to us at [info@ots-corp.com](mailto:info@ots-corp.com) or 828-658-8363 (fax). Ordinary lead time for an oven is four weeks. Please obtain a quote for larger volume orders.

## ORTHOTIC OR PROSTHETIC USES

For prosthetic uses, the BT-4 allows an 18" bubble drop and the PO-2 allows 12". They can also be used for orthotics, although the BT-4 does not have a rollabout tray. They are

shipped with a bubble forming frame of the customer's choice. The rollabout ovens (5-A, 6-B, 7-C and 8-E) have a rollabout tray to allow hot plastic to be rolled around the lab to the cast. This is most useful for orthotics. The trays on these models can be lowered to allow up to a 10" prosthetic bubble drop when used with an optional bubble forming stand and bubble forming frame. The 8D-2 is a specialty rollabout model usually sold in Europe to allow heating of sheet plastic up to 50" x 80" for specialty operations. The BT-1 is a small oven used for reheating items in satellite facilities, as well as for shoe work and small AFOs.

## FAN KITS

A fan kit powered by compressed air is available as a factory installed option on rollabouts, including the 8D-2 and the PO-2. It can also be retrofitted to those models in the field, as well as to BT-2 and BT-3 models which are no longer in production. It cannot be fitted to the BT-1, which is too small. The BT-4 is manufactured with two electric fans installed. The fan kits permit operation of the ovens at lower temperatures without creating hot and cold spots on the tray surface, and are designed for use with TFC and other materials that are molded at temperatures below 350° F.

## WARRANTY

The ovens include a one year limited warranty that they are free of defects in material and workmanship in normal use and service. OTS will replace parts which fail in use without charge for one year. In ordinary circumstances, this is limited to a controller which may malfunction. Customers should be aware that there are ordinary wear and tear items that will need to be replaced over time, such as the infrared heaters, as well as the controllers.

## OTHER OPTIONS

To permit the ovens to comply with some antiquated building codes, the ovens can be ordered with a vent kit. OTS does not recommend this, as it degrades the performance, and does not offer any additional safety in an electric oven. See the catalog for Mold Stand, Pre-Preg Stand (two sizes), Pre-Preg Control Panel, Plastic Rack (two sizes) Mold Library and Tongue Tray.

## QUESTIONS

Customer service is available from 7:30 AM to 5:00 PM EST. Manufacturing and technical questions can be answered from 7:30 AM to 3:30 PM EST. Call 800-221-4769 in the US or Canada. For International, call +1-828-658-8330



• 828-658-8330

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# PDQ OVEN ORDER CHECKLIST

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## POWER GRID

- US/Canada (208/240 V, single phase)
- Europe (add "-INT" to oven model to order this wiring) (380-400 V, 3 phase)

## PROSTHETIC OVENS:

- PO-2
- BT-4

Choose a Bubble Forming Frame to be included with the oven: (If for BT-4, add "BT-4" to end of number)

- 9"
- 12"
- 16"
- 18"
- 24"

## ROLLABOUT OVENS:

- 5-A
- 6-B
- 7-C
- 8-E
- 8D-2

## BENCH TOP OVEN:

- BT-1

## OPTIONAL FAN KIT

(For PO-2 and Rollabout Models Only)

- Yes
- No

Note: 8D-2 requires two fans.

## ADDITIONAL ITEMS TO BE SHIPPED WITH OVEN

- Mold Stand
- Vent Kit
- Pre-Preg Stand 1
- Pre-Preg Stand 4
- Pre-Preg Control panel
- Tongue Tray
- Mold Library
- Plastic Rack, Large
- Plastic Rack, Small
- Bubble Forming Stand

## SHIPPING METHOD

- OTS Carrier (inside US/Canada)
- Air (International)
- Ocean (International)
- Other: \_\_\_\_\_

Requested date of shipment (minimum of four weeks):

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## REPRESENTATIVE CONTACT INFORMATION

Name \_\_\_\_\_

Phone \_\_\_\_\_

## CUSTOMER CONTACT INFORMATION

Address \_\_\_\_\_

\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_