



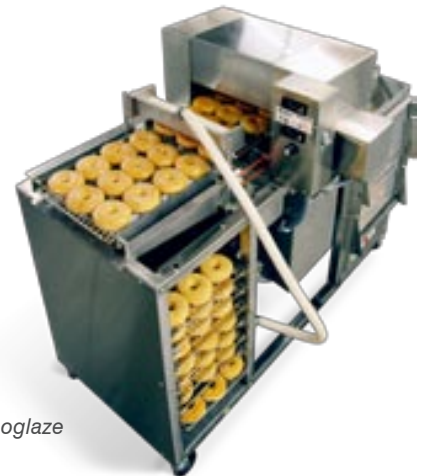
Thermoglaze TG25

Frozen-to-fresh donut processing system

The convenience of frozen. The taste of fresh.

Thermoglaze is a revolutionary system that thaws, heats, and glazes frozen donuts. The Thermoglaze system provides a method for preparing pre-fried frozen donuts and baked goods with results that equal (and often surpass) the quality of fresh-made product. Thermoglaze can process all the varieties of frozen donuts currently available, including ring donuts, fritters, long johns, cream and jam-filled donuts and many others. In addition, Thermoglaze is easy to learn, can be used in front of customers, and requires no ventilation hood.

The Thermoglaze system consists of two components – the Thermolizer for thawing, and the Thermoglaze for heating and glazing. The Thermolizer is capable of holding donuts fresh and moist for up to five hours. Hot, fresh-tasting donuts can then be supplied by the Thermoglaze in less than 5 minutes.



*Thermoglaze
TG-25*

Thermoglaze TG25

The Thermoglaze TG25 processes approximately 25 dozen donuts per hour. Heating time and temperature can be modified to suit the product. Typical reheating time is 70-90 seconds at a temperature of 420°F.

The Thermoglaze TG25 uses half-size 12½" X 17" glazing screens holding 12 typical donuts each. Donuts (or similar products) are thawed in the 8-shelf Thermolizer, located at the right of the machine, with adjustable temperature and humidity controls. After thawing, donuts can be held in the Thermolizer for up to 5 hours, enabling finished donuts to be produced on demand in under 5 minutes.

After thawing/holding in the Thermolizer, the screens full of donuts are conveyed through the oven. Following this, glaze is pumped up to a dispenser which coats each donut with a 1/8" thick curtain of glaze as they pass through.

After glazing the screens can be placed on a cooling rack. For iced donuts, the flow of glaze is turned off, and donuts can be iced on a Belshaw H&I-2 or H&I-4 icer.



Icer H&I-2
(optional)



Icer H&I-4
(optional)

Thermoglaze TG25 Standard Features

- All stainless steel construction
- Capacity 288 donuts/hour at minimum thaw time of 20 minutes
- No ventilation hood or fire suppression system required. (Verify with local authorities)
- Heavy duty glaze pump
- Adjustable speed and temperature
- Quiet operation
- Glaze pump can be switched on/off as required
- Easy to clean oven interior
- Mobile on 4" (25mm) casters
- 8 shelves of storage space below for glaze, screens, etc
- Lock-out feature to prevent machine starting while cleaning is in progress
- ETL Certified, conforms to UL-197, CSA C22.2, and NSF-4

Integrated Thermolizer features

- Thermolizer is located on right side of TG-25.
- Thermolizer contains 8 shelves for screens. At 12 donuts per screen, the thermolizer holds 96 donuts at a time
- Capacity at thaw time of 20 min: 24 Doz donuts /hour
- Thermostat controlled dry heater for ambient warmth
- Thermostat controlled water element to produce steam
- Blower system for recirculating warm humid air
- 2 clear plexiglass doors
- Powered from central control box on TG-25

Model Selection

Item Nbr.	Description Key	Volt/Hz/Phase	Watts, Amps	Options
22267	TG25-B-208,60,1-D-MF	208,60,1	28A, 6KW	USA & Americas model, 208V
22268	TG25-B-208,60,1-D-AW	208,60,1	28A, 6KW	As 22265, with Autowater
22276	TG25-B-220/240,60,1-D-MF	208,60,1	28A, 6.7KW	USA & Americas model, 220/240V
22277	TG25-B-220/240,60,1-D-AW	208,60,1	28A, 6.7KW	As 22276 with Autowater
22282	TG25-B-380/415,50,3N-C-MF	220/240,60,1	23A, 15.1KW	CE approved model, 415V
22283	TG25-B-380/415,50,3N-C-AW	220/240,60,1	23A, 15.1KW	As 22282, with Autowater
22257	TG25-B-415,50,3N-E-AW	220/240,60,1	18.4A, 13.2KW	Aus/NZ model
22180	TG25-B-220/240,50/60,1-B-MF	220/240,60,1	28A, 6.7KW	Export model
22333	TG25-B-220/240,50/60,1-C-MF	220/240,60,1	28A, 6.7KW	CE approved model, 220/240V
22334	TG25-B-220/240,50/60,1-C-AW	220/240,60,1	28A, 6.7KW	As 22333, with Autowater

Screens

- TG-25 uses 1/2-size glazing screens 12.5" x 17" (32 x 43 cm). Screens hold 12 donuts each, Part# TJ-0001. 30 (or more) screens are recommended

Accessory: H&I-4 Icer



The optional H&I-4 Icer is a 4-bowl, water warmed icing table for applying icings to donuts warmed on the Thermoglaze system.

- H&I-4 spec sheet: <http://www.belshaw-adamatic.com/products/doughnut-icers/hi4-donut-icer.html>

TG25 Dimensions

- Overall width: 60" (153 cm)
- Overall depth: 31" (79 cm)
- Overall height: 52" (132 cm)
- Shipping weight: 475 lbs (216 kg)

TG25 Electrical data

- Voltage 208V/60/1 32A or 220-240V/60/1 30A
- Power: 6.7 KW
- Plug: NEMA #6-50p (USA only)
- Cord: 72" (1.8m)

Optional features

- Autowater connection

Certification



ETL certified to UL-197, CSA C22.2 and NSF-4. Applies to TG-25 with integrated thermolizer.

