



Thermoglaze TG-50 Frozen Donut Processing

Belshaw's Thermoglaze system provides the method for thawing, heating and glazing pre-fried, frozen donuts and baked goods that bakers have been looking for.

The Thermoglaze system successfully addresses a common complaint with frozen donuts — stale taste and poor shelf-life after thawing. Frozen donuts that are reconstituted using the Thermoglaze system have greater moisture content and longer shelf-life than those thawed in air. In fact, donuts produced on the Thermoglaze system often surpass the quality of fresh made donuts.

The Thermoglaze TG-50 System consists of two components — the Thermolizer, for thawing frozen baked goods, and the Thermoglaze, for heating and glazing. Donuts (or other baked goods) can be held in the Thermolizer for up to five hours, allowing you to supply hot, fresh-tasting donuts to your customers with little wait — or fuss.

The Thermoglaze system does not require a ventilation hood, does not utilize shortening, and improves glaze yield — reducing both set-up costs and operating costs.

TG-50 operates using standard size 17" x 25" (43 x 64 cm) glazing screens, Belshaw Part No. SL-0004 (minimum 36 screens are recommended).

Capacity of the TG-50 is approximately 600 donuts/hour. Actual production will vary with time and temperature settings chosen.



Above: TG-50 #22306 (front view)



17 Shelf Thermolizer (TZ-17)



TG-50 (rear view)



TG-50 glazer in operation

Thermoglaze TG-50 Standard Features

- Simple 2-switch operation (Oven and Glazer)
- Capacity 600 donuts/hour
- No ventilation hood or fire suppression system required. (Verify with local authorities)
- Heavy duty glaze pump
- Speed and temperature adjustable inside control box
- Quiet operation
- Glaze pump can be switched on/off as required
- All stainless steel construction
- Easy to clean oven interior
- 2 Teflon handles supplied for picking up screens
- Spare gaskets kit
- Mobile on 4" (25mm) casters
- Requires glazing screens 17" x 25" (holding 24 donuts each)
- Lock-out feature to prevent machine starting while cleaning is in progress
- 48 to 96 screens are recommended depending on the amount produced
- ETL Certified, conforms to UL-197, CSA C22.2, and NSF-4

TG-50 Dimensions

- Overall width: 84" (213 cm)
- Overall depth: 34" (86 cm)
- Overall height: 54" (137cm)

TG-50 Electrical data

- Voltage 208V/60hz/1ph, 33A, 6.7 KW
- Plug: NEMA #6-50p
- Cord: 72" (1.8m)

Options

- None

Glazing Screens

- 17" x 25" glazing screens (Item #SL200-0004). 48-96 screens are recommended, depending on the number of donuts produced

Accessory: Thermolizer TZ-17

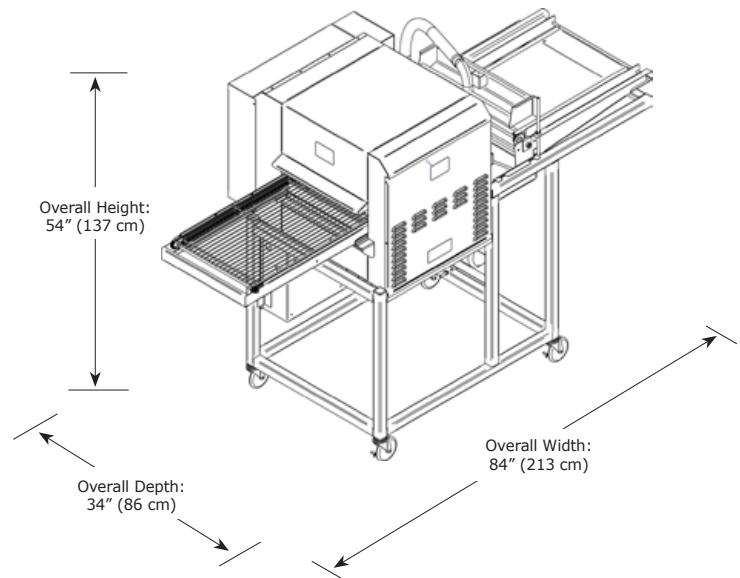
- The optional Thermolizer TZ-17 is an independent 17-shelf cabinet used for thawing and holding donuts up to 5 hours without losing moisture. Donuts thawed in the Thermolizer can be warmed and glazed by the TG-50 in less than 5 minutes.
- TZ-17 spec sheet: <http://www.belshaw-adamatic.com/products/thermoglaze/tz-17.html>

Certification



ETL certified to UL-197, CSA C22.2 and NSF-4

TG-50 Diagram



Model Selection

Model	Item#	Voltage	Description
TG-50	22306	208V/60/1	Standard model