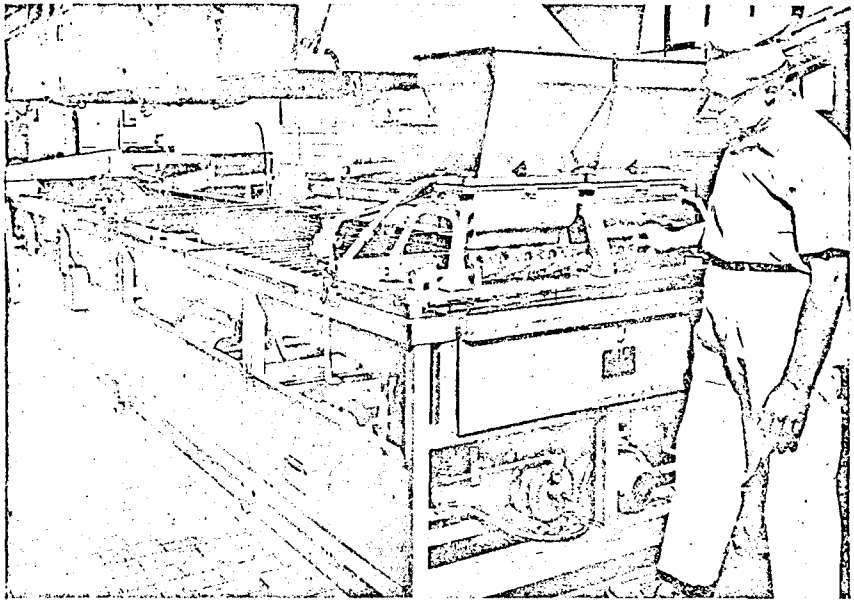
THERMINOL DESIGN DEPARTMENT
Liquid Heat Transfer in Food Processing



New Remo-Therm donut machine serves up best-tasting donuts with safe, "solid heat" from Therminol® liquid heat transfer

"Solid heat" with Therminol liquid heat transfer means uniform heat without local "hot-spots." In the new Remo-Therm donut machine, made by the Joe Lowe Corporation, it means donuts with 10 percent greater expansion, 6 percent savings on flour, and 250,000 donuts per day—the last as tasty as the first!

Precise temperature control (± 2°F.) assures perfect frying conditions—*without* hazardous system pressure—and with just a few, simple controls. Therminol indirect heating eliminates the need for tubes in the kettle. This helps provide the best fat-to-dough ratio to make the best-tasting donuts. In addition, with no kettle tubes, the Remo-Therm unit is easy to clean . . . sanitation is easier to maintain.

In the Remo-Therm Donut Machine, and in any system applying process heat, Therminol FR heat transfer fluid offers these advantages:

Safety. Therminol fluids are fire-resistant and require no system pressure. They do not support combustion, even when exposed to direct flame. They are the only heat transfer fluids listed by Underwriters' Laboratories and recognized by the Factory Insurance Association.

Simplicity. No-pressure, liquid phase heat-transfer eliminates the costly construction and the expensive monitoring and safety devices necessary for high pressure systems. The few simple controls necessary can even be monitored remotely with a teletype circuit feeding to a convenient *location.*

Efficiency. Therminol fluids present no scale or sludge problems. They are thermally stable, chemically inert, noncorrosive, and nonvolatile. Properly maintained, Therminol systems require no make-up.

The safety, operating simplicity, and economy of Therminol FR indirect heating have been adapted wherever processing heat is applied—from food cooking and resin production, to petroleum refining and space heating.

MONSANTO
Department IF 31B
St. Louis, Mo. 63166

Please send me a copy of your engineering booklet, *Therminol Fluid Heating* Systems.

Name_____ Phone_____

Company_____

Address_____

City/State/Zip Code_____

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