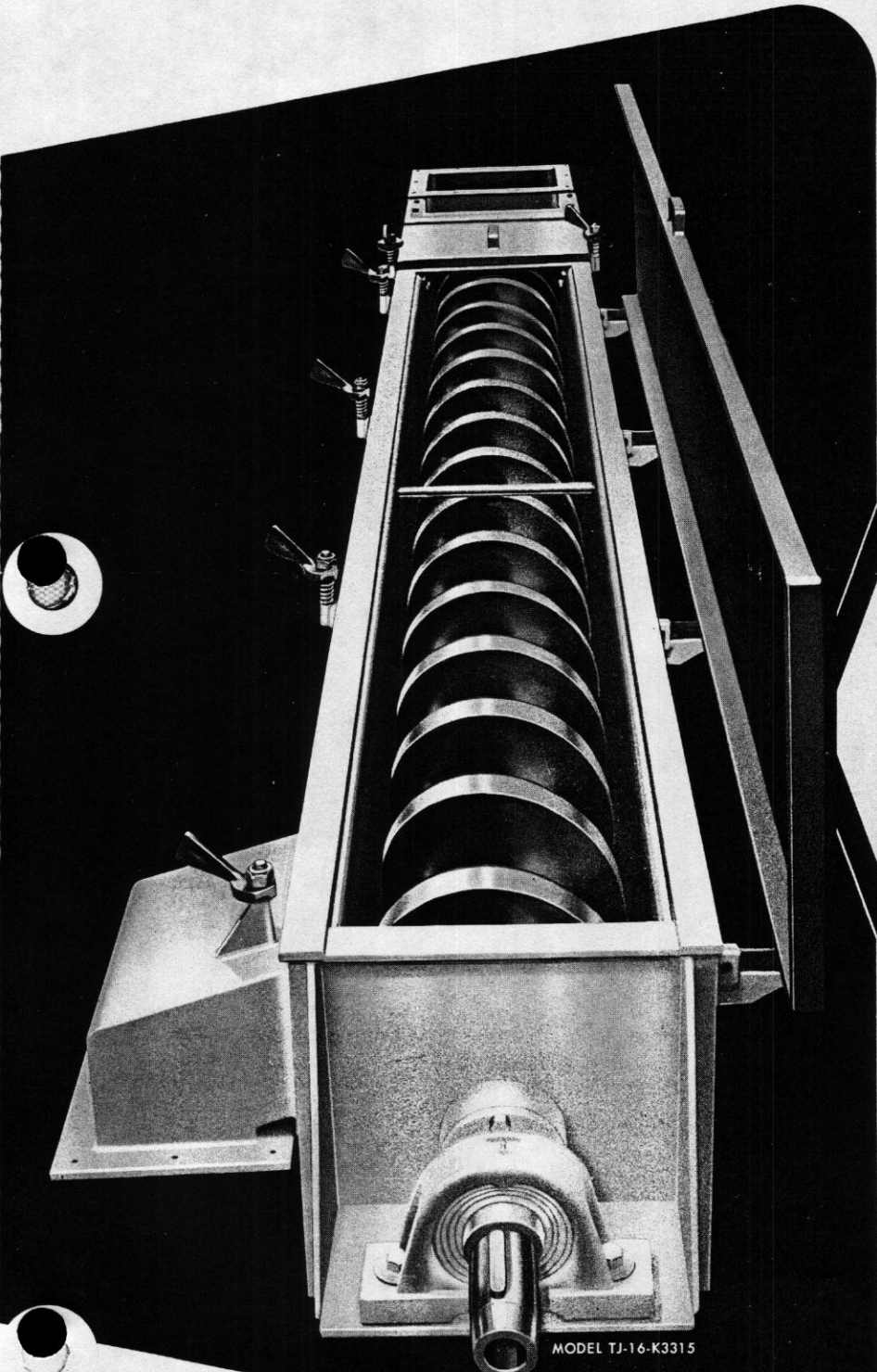




TJ SERIES

THERMASCREWS

HOLLOW SCREW WITH JACKETED TROUGH



MODEL TJ-16-K3315

COOLING • HEATING • MIXING
CRYSTALLIZING • DRYING • COOKING
CHILLING • SOLVENT EXTRACTION

TROUGH LENGTHS FROM 4' to 30'
TROUGH DIAMETERS FROM 8" to 29"

EFFICIENT
CONTINUOUS
HEAT EXCHANGE
FOR
POWDERS
GRANULAR SOLIDS
PASTES
VISCOUS MATERIALS
and many classes
of materials
that are
not adaptable
to other
heat exchange methods

EVAPORATION OF
VOLATILE ELEMENTS
FROM PASTES AND SOLIDS

DUST-FREE COOLING
OF PRODUCTS
DIRECT FROM KILN

Packaging - Processing
Bid on Equipment

1-847-683-7720

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USERS REPORT*

RIETZ TJ Series Thermascrows

provide uniform, fully effective Heat Exchange
for difficult materials

TJ's ARE HIGHLY CONTROLLABLE

Quantity, temperature and rate of flow of heating or cooling medium are easily regulated.

Quantity and retention time of product are fully controllable.

TJ's ARE COMPACT, HIGH CAPACITY UNITS FOR CONTINUOUS HEAT EXCHANGE

TJ's ARE EXCEPTIONALLY EFFICIENT HEAT EXCHANGERS

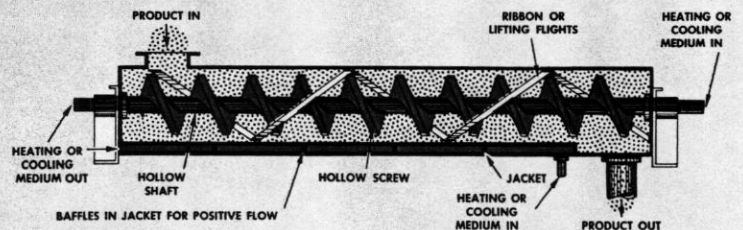
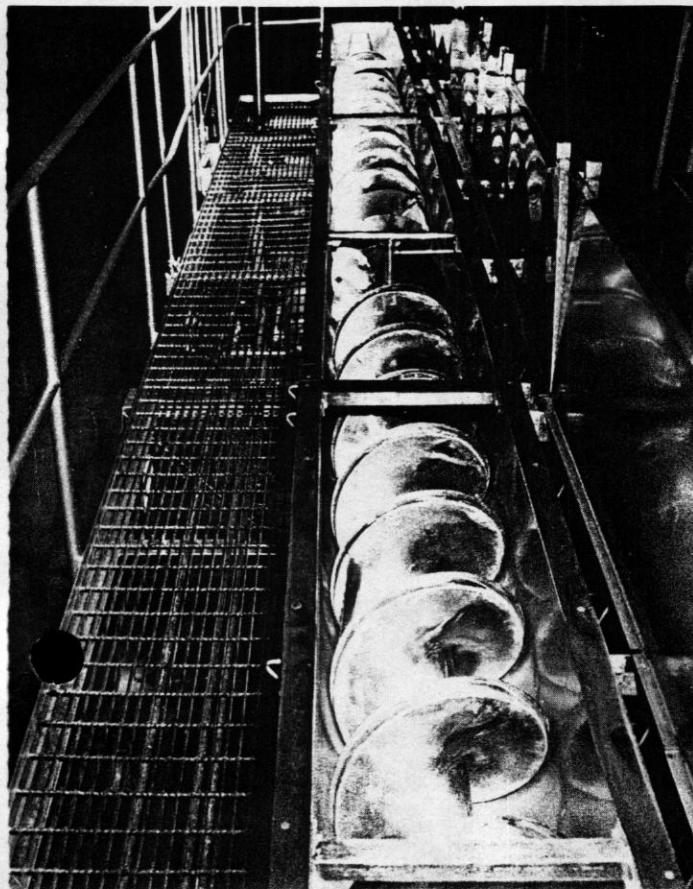
Hollow screw and jacketed trough present a very high ratio of heat transfer surface to product volume.

Gentle, slow-speed action minimizes particle-size degradation. Dust-tight, vapor-tight construction is available.

Easily accessible contact parts permit quick, thorough cleaning. Rugged Rietz construction reduces maintenance requirements. Standard or ASME Code.

*SOME USERS:

Allied Chemical Co. • American Cyanamid Co. • Armour & Co. • Beech-Nut Packing Co. • California Packing Corp.
Campbell Soup Co. • Canadian Chemical Co. • Chas. Pfizer • Dow Chemical Co. • E. I. du Pont de Nemours Co.
Eastman Kodak Co. • Hershey Chocolate Co. • Horn & Hardart • Kraft Foods • Libby, McNeill & Libby • Monsanto Chemical Co.
New England Lime Co. • Ocean Spray Cranberries, Inc. • Victor Chemical Co. • Wyandotte Chemicals Corp.



Above shows basic operating principle of Rietz TJ Series Thermascrows. Various modifications of this basic design adapt TJ's for use with a variety of heating fluids or coolants to meet special product requirements.

Left shows an installed 24" x 30' Rietz Thermascrow. Note complete accessibility of heat exchange surfaces.

MAIN OFFICES:

Santa Rosa, California; West Chester, Pennsylvania

FIELD OFFICES:

Chicago, Illinois; Seattle, Washington; Houston, Texas

15-138 / 5.



Equipment for the Process Industries
Size Reduction • Mixing • Heat Exchange

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