

MODEL OTF

- speeds of 10 to 300 jars/minute
- accuracies to within one gram
- 2 oz. to 1 gallon container range
- no-waste filling

SOLBERN TUMBLE FILLER

for olives, maraschino cherries and related products, primarily in smaller glass containers

Model OTF Tumble Filler is a high-speed filler especially well suited to filling delicate products such as olives and maraschino cherries in smaller glass containers having virtually any shape. It is not limited to smaller containers, but can fill jars up to one gallon in size and cans to #10. Model OTF fills containers completely or partially full to the exact weight required. A brine or syrup filling attachment can be supplied as optional equipment.

Typical products are:

OLIVE PRODUCTS

green
ripe
whole
pitted
stuffed
chopped and broken
salad mixes

CHERRIES

maraschino
stem
stemmed

ONIONS

cocktail
silverskins

PEPPERS/CHILES

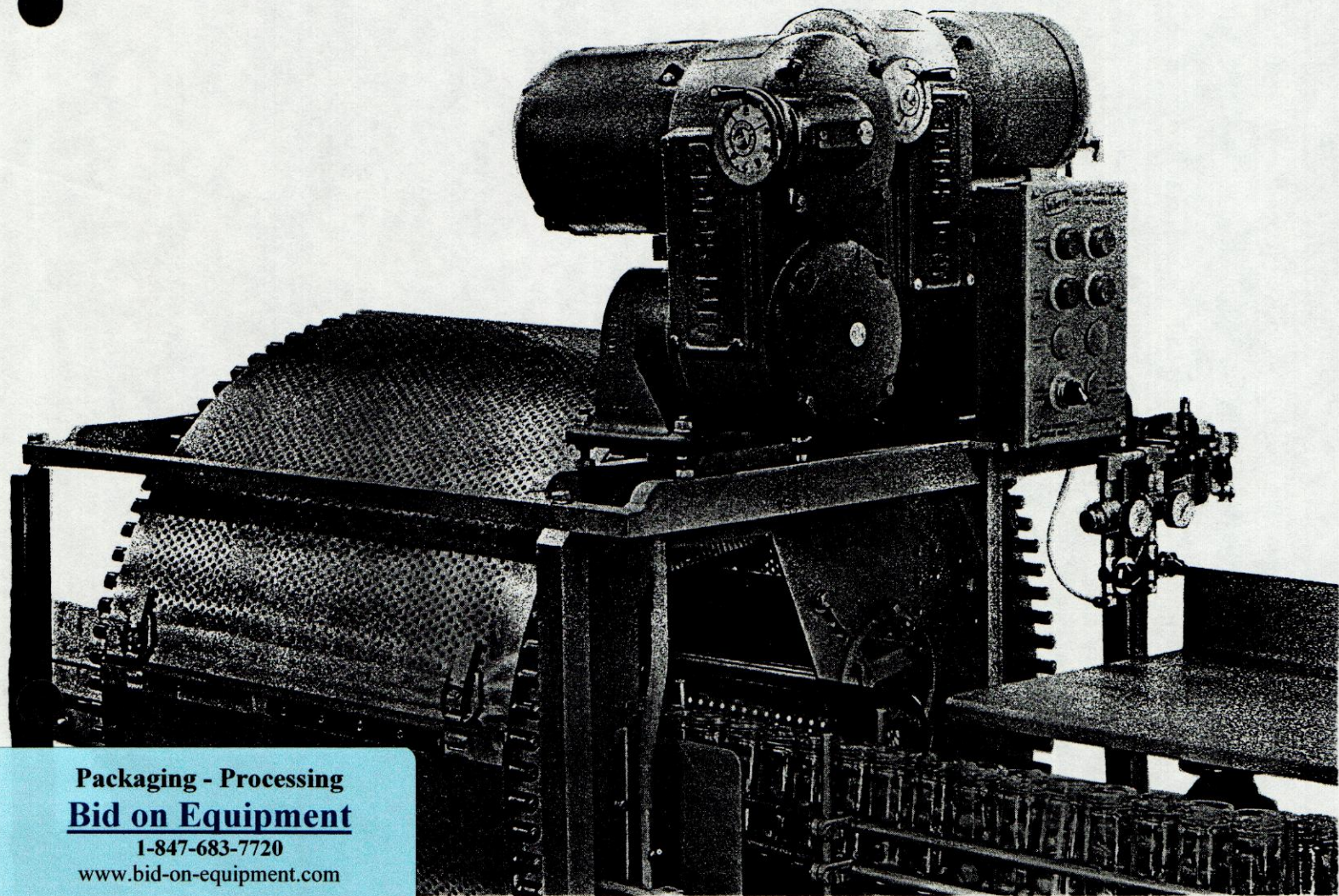
whole
sliced
strips

PIMENTOS

ARTICHOKES

CAPERS

SPECIALTY ITEMS



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JMBLE FILLING...

a continuous, straight-line filling method offering high speed, extreme accuracy, and complete freedom from product damage or waste

The Solbern Model OTF Tumble Filler is recommended where the capacity of a larger Tumble Filler is not required because the product will be packed most frequently in smaller containers, primarily glass. It provides an accuracy of \pm one piece. Filling speeds can be set from 10 to 300 jars/minute. In fact, the speed of the Model OTF is usually limited only by the capacity of other plant equipment.

The Model OTF fills gradually and continuously. Containers pass through it in a straight line; no star wheels or troublesome positioning mechanisms are required. Soft or delicate products are handled without bruising. Waste is completely eliminated since the entire process takes place within the filling drum.

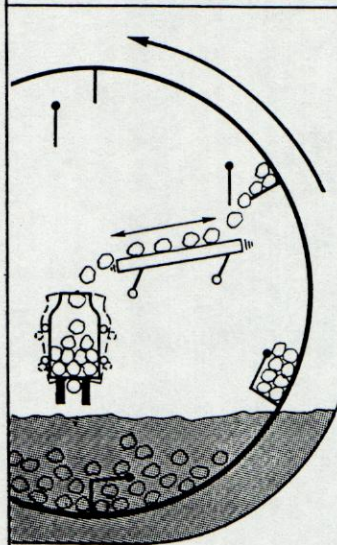
Another important feature of the Model OTF is the speed with which it can be adjusted to accommodate different container sizes and shapes. Changeover requires only a few minutes and no changing of parts is necessary.

Stainless steel and other noncorrosive materials are used throughout the Model OTF to assure trouble-free operation and conformance to the most rigorous sanitary requirements. All motors and drives are fully enclosed. Easily removable drum jackets make all parts accessible for fast washup.

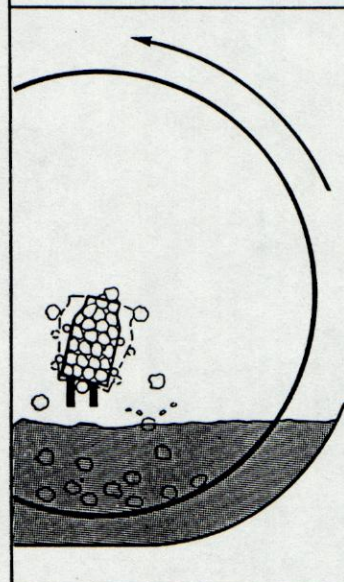
SPECIFICATIONS

Container size:	Glass from 2 oz. to 1 gallon Cans from 4 oz. to #10
Speed:	10 to 300 jars/minute, generally limited only by other plant equipment
Drum motor:	$\frac{3}{4}$ HP, 3 ph, vari-speed
Conveyor motor:	$\frac{3}{4}$ HP, 3 ph, vari-speed
Shaker motor:	$\frac{3}{4}$ HP, 3 ph, vari-speed
Air required:	60 psi, 10 cfm (free air)
Weight:	1450 lb.

OPERATION OF THE MODEL OTF TUMBLE FILLER

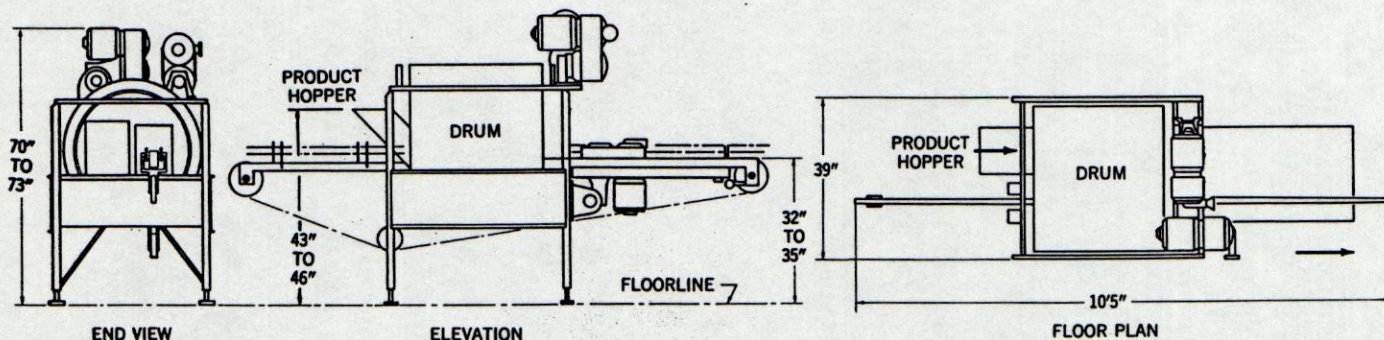


(1) Containers are conveyed in a straight line through a revolving drum into which the product is fed. Buckets on the inside of the drum carry the product onto a vibrating rod-type dewatering pan. The product then falls from the pan into the moving containers.



(2) Uniformity of fill is maintained by shaking the containers from side to side as they pass under the falling product. In this way, the containers are filled gradually and tightly; voids are eliminated. A liquid cushion is maintained in the drum so that there is no chance of product damage.

(3) Weight is controlled to within one piece by tilting and shaking the containers after they have been filled. The speed of the shaker controls the amount of the product permitted to remain in the container. There is no waste; the excess product spills back into the liquid-cushioned drum to be recycled into the filling operation.



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