

FEATURES

Improved design — line bored for perfect shaft alignment and ease of assembly. Simplified construction using fewer parts for reduced maintenance and parts inventory. Improved design for lower bearing operating temperatures.

Precision machined stainless steel augers — ground and polished

Interchangeable tooling — designed for fast and easy change over to handle a variety of products.

High efficiency electromagnetic clutch and brake — accurate to $\pm 1\%$.

Fill quantities from $\frac{1}{2}$ gram to 10 pounds can be handled by the same unit.

APPLICATIONS

Fillers can be mounted as integral components of a packaging system. They may also be floor stand mounted and operated either automatically or manually.

SPEEDS

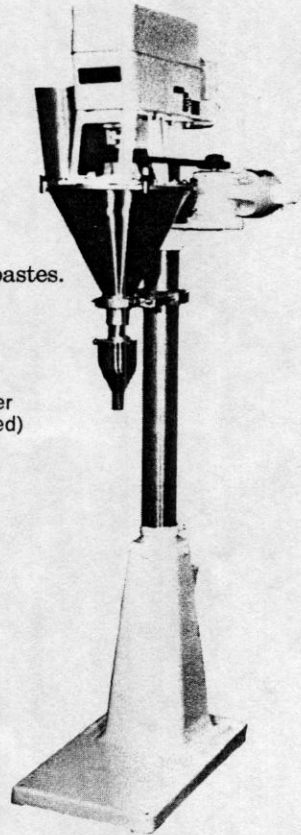
Up to 120 fills per minute or continuous product flow; depending upon the product and the fill quantity, density, and characteristic.

ACCURACY

With consistent density product, Bartelt auger fillers deliver fills repeatable within $\pm 1\%$. This accuracy level can be maintained with most products even at the maximum filling speeds.

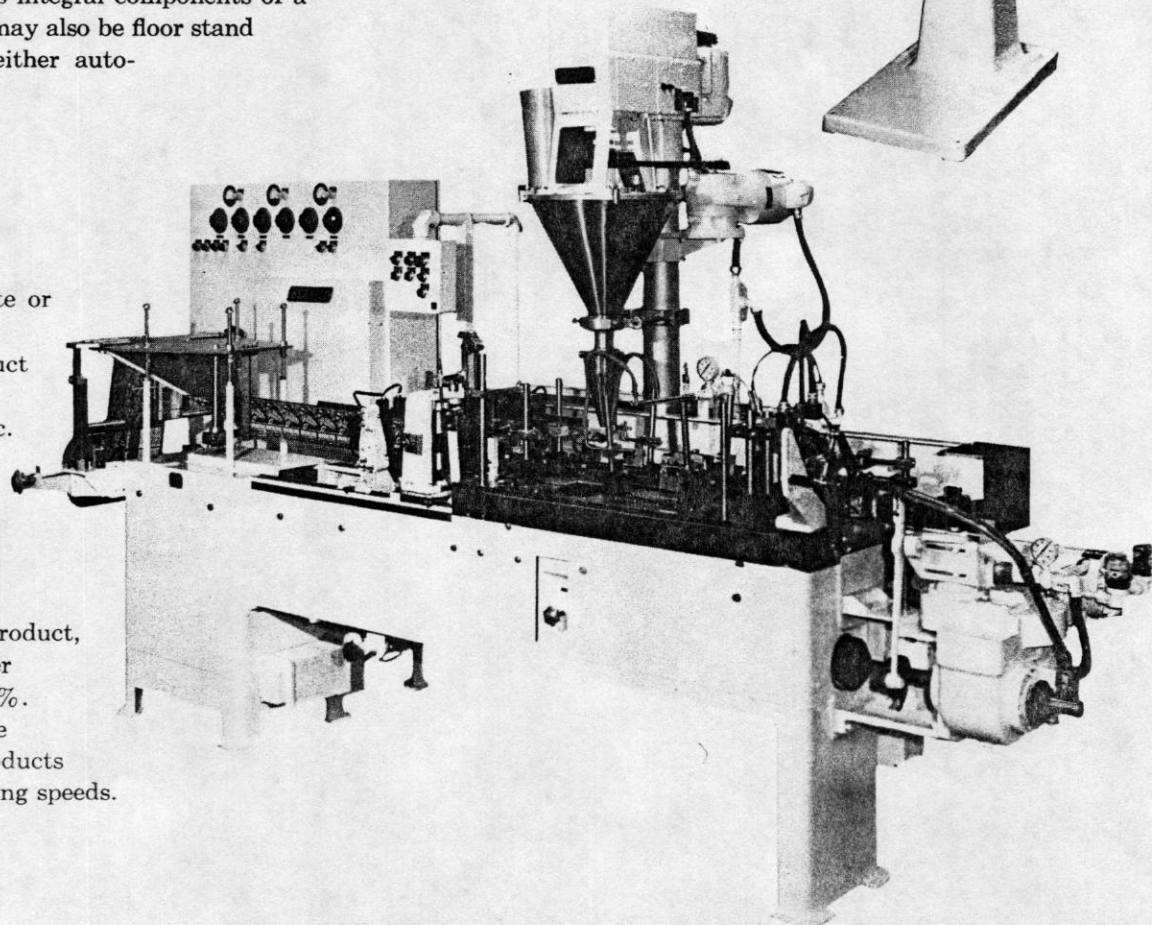
MODEL D FILLER

Stand or machine mounted. Bartelt Fillers meter products into containers. Various tooling is available to handle powders, granular materials, liquids and pastes.



Model DT Filler
(Stand Mounted)

Model D Filler
(Packager Mounted)

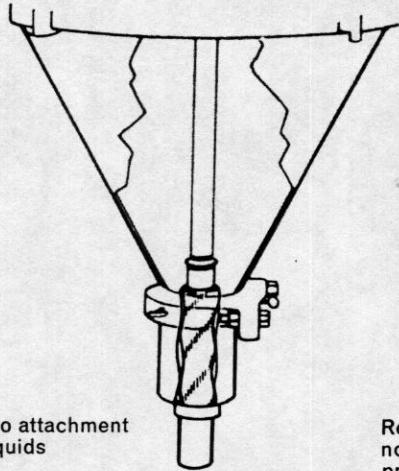


Packaging - Processing
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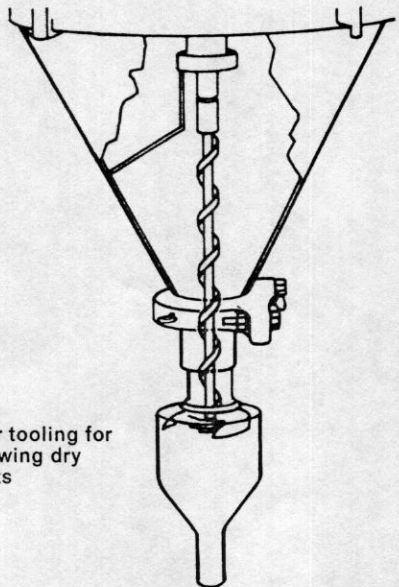
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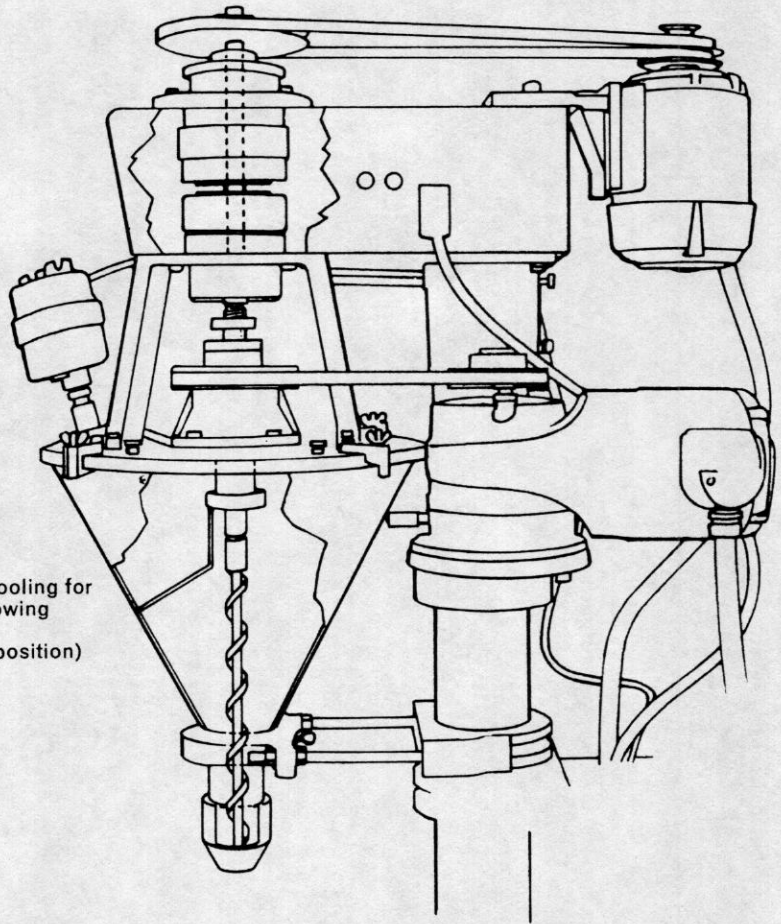
Filler Tooling



Moyno attachment for liquids



Spinner tooling for free-flowing dry products



Restrictor tooling for non-free-flowing products (Shown in position)

Specifications:

POWER:

230 (or 460) volt, 60 cycle, 3-phase

CONTROL:

115 volt, 60 cycle, single phase

DRIVE MOTOR:

1800 rpm, 3/4 hp TEFC

OUTPUT RPM:

425, 675, 925 or 1175 RPM using a four step drive pulley; other ratios available when required.

TIMING:

Solid-state electronic controls for the Model DT; cycle shaft timer and timing cam for the Model D.

CLUTCH AND BRAKE:

Electromagnetic, 90 volt DC with rectifier

HOPPER:

Stainless Steel, designed for fast removal and cleaning; capacity approx. 1 cu. ft.

TESTING:

Clutches and brake plates are pre-burnished to specified torque — tested and calibrated to meet customer application needs.

FLOOR SPACE:

2 feet by 3 feet on standard base. None when machine mounted.

HEIGHT:

Adjustable on aluminum column (4 1/2" dia.) Screw type floor jack for vertical adjustment when packager mounted.

Equipment Options:

1. Slow speed agitator for products that may cavitate or separate. Powered by 1/4 hp gear motor.
2. High speed agitator available for special applications.
3. Level control — An electronic probe system to sense the rise or fall of the product level in the filler hopper for automatically signaling to the customer's overhead feed system.
4. Variable speed drive motor (90 to 900 rpm) with speed ratio of 10:1 and pulley ratio of 1:1. (Important where product changes are frequent or where auger rpm is varied.)
5. Suck-Back device for positive cut-off of liquids.
6. Duck-in-spout for positive product insertion into container.
7. Cut-off valve for pumpable products.
8. Drive motor up to 2 hp.
9. Stainless Steel hopper cover and in-feed-tube.
10. Insulated hoppers for temperature control of product.
11. Split fill collector spouts for multiple filling.

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