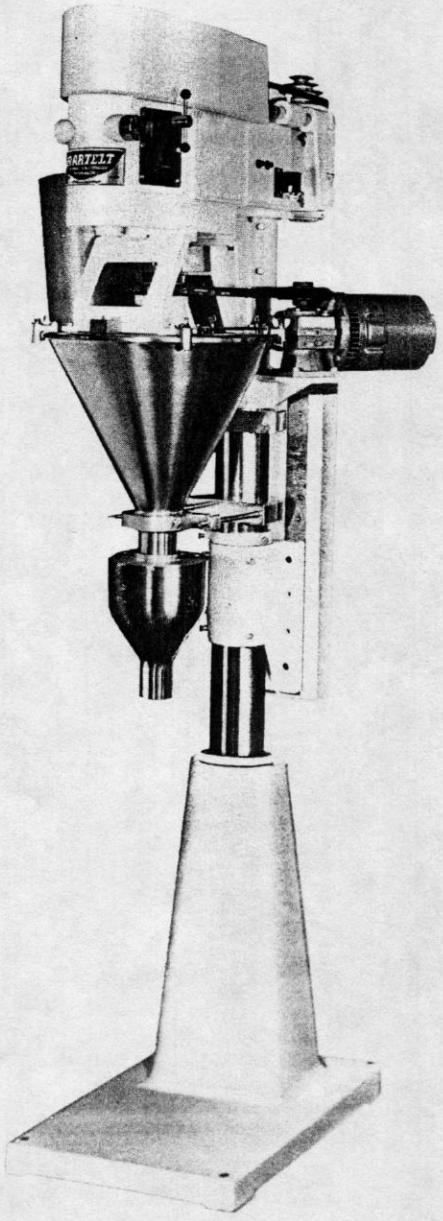
Bulletin 601

BARTELT®
Machinery for Creative Packaging

STAND FILLERS

Models A and L

Bartelt Stand Fillers automatically meter products into containers. They may be tooled to handle powders, granular materials, liquids and pastes by substituting different filler tooling.



FEATURES

- Interchangeable tooling permits rapid changes to handle different products and consistencies.
- Tooling is stainless steel and custom designed for fast take down.
- High efficiency clutch and brake are accurate to ± 1%.
- Fill quantities from ½ gram up to six pounds can be handled by the same unit.

APPLICATIONS

Fillers can be operated manually or semi-automatically for integral operation with a packaging system. Models are available for floor stand operation but fillers can be adapted to machine mounting or table mounting, if desired.

SPEEDS

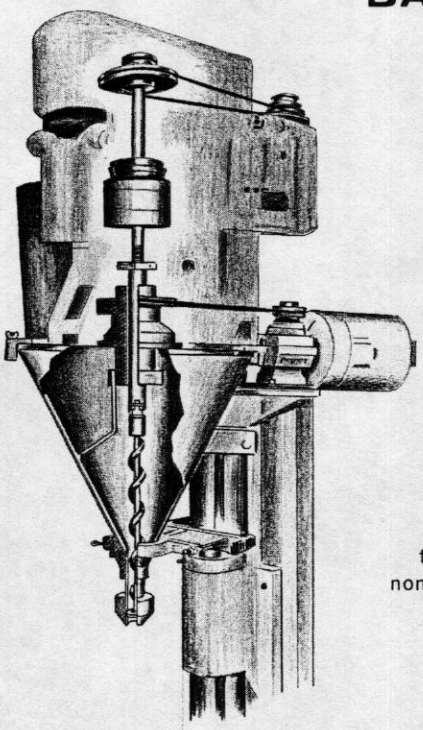
Fill speeds as high as 120 fills per minute are attainable, depending upon the fill quantities and the product fill characteristics.

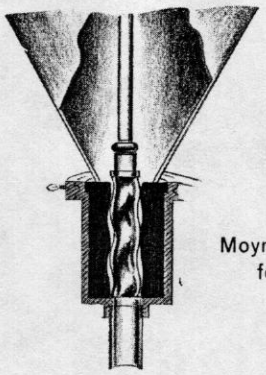
FILLING ACCURACY

With products of consistent physical characteristics, Bartelt fillers deliver fills repeatable within ± 1%. This accuracy level can be maintained even at the maximum filling speeds with most products.

BARTELT ENGINEERING CO., INC. SUBSIDIARY OF RIEGEL PAPER CORPORATION
1900 HARRISON AVE., ROCKFORD, ILLINOIS

BARTELT STAND FILLERS

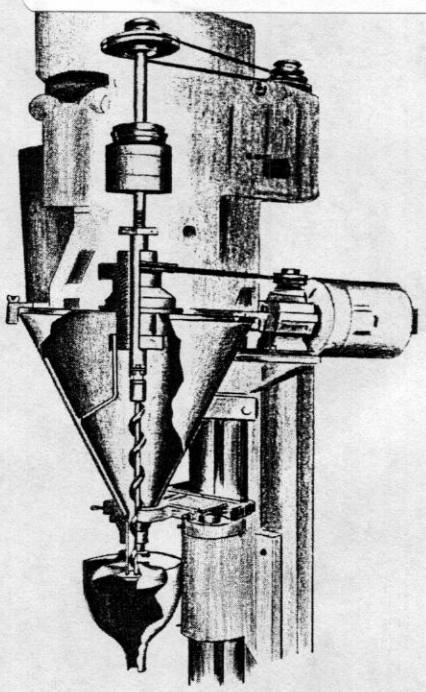




Moyno attachment for liquids.

Restrictor tooling for non-free-flowing products.

Spinner tooling for free-flowing products.



SPECIFICATIONS

Optional Equipment:

1. High speed or slow speed agitation is available for products which have a tendency to cavitate or separate. High speeds are attained with extra tooling; slow speeds by a 1/3 hp geared motor.
2. Level Control — A constant product head level is important to filling accuracy. An electronic probe system can be provided to sense the rise and fall of the product level in the filler hopper and automatically signal an overhead feed system.
3. Variable speed drive motors with reduction ratio of 10:1 and a pulley ratio of 1:2, infinite speed adjustments from 90 to 900 rpm are obtained. This option is particularly valuable for applications where product changes are frequent or where small increments of auger rpm are necessary.
4. Dual auger hoppers are available for split filling and increased production. They can be used for single product or dissimilar products.
5. Spinner tooling is available for dusty and free-flowing products.
6. Restrictor tooling is available for non-free-flowing powders and granular materials.
7. Special devices are available for handling liquids of various viscosity characteristics.
8. A suck-back device for the positive cutoff of liquids is available.
9. A duck-in-spout can be chosen for the positive product insertion into a container.
10. A cutoff valve is available for pumpable products.
11. Drive motor rating up to 2 hp can be selected.

Power: 220 (or 440) volt, 60 cycle, 3-phase.

Control: 110 volt, 60 cycle, single phase.

Drive Motor: 1800 rpm, ¾ hp industrial motor, totally enclosed..

Output RPM: Variable to 425, 675, 925, 1175 with step pulleys. Other ratios are available.

Filling Timer: Model A has an integral, gear-driven, revolution counter suitable for fills to 8 oz. Dial adjusted.
Model L has integral, gear-driven, revolution counter for fills to 6 lbs. Dial adjusted.

Clutch and Brake: Electromagnetic, 90 volt D.C., with rectifier.

Hopper: Stainless steel spinning, designed for fast removal and cleaning; capacity approx. 1 cu. ft.

Floor Space: 2 feet by 3 feet on standard base.

Height: Adjustable on a 4½-inch diameter column.

Weight (crated): Approximately 300 lbs.

"A Bartelt machine, engineered specifically for your packaging program, is your best packaging investment."

Printed in U.S.A.

BARTELT ENGINEERING CO., INC. SUBSIDIARY OF RIEGEL PAPER CORPORATION
1900 HARRISON AVE., ROCKFORD, ILLINOIS