AUGER-MATIC
T.M. Reg.

BAG PACKER

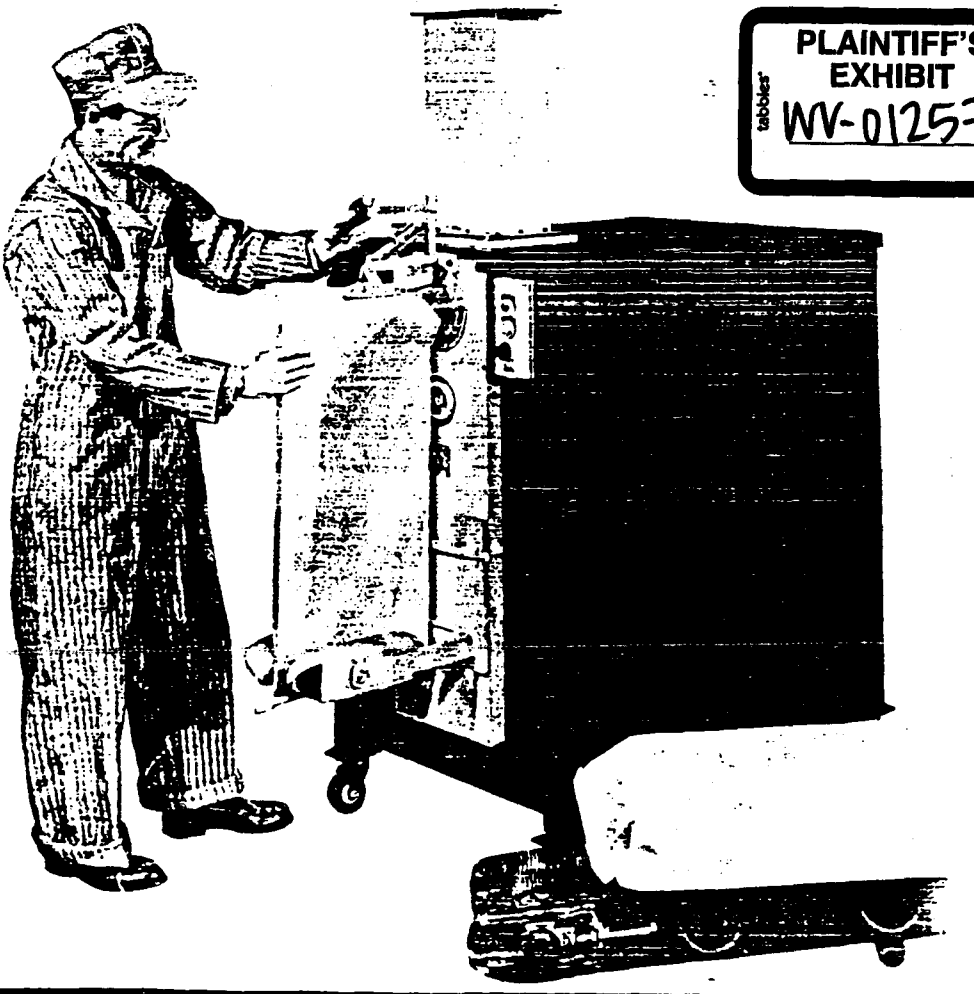
FILLS AND WEIGHS VALVE BAGS

...also adaptable for filling Open-Mouth Bags, Pails or Drums

FAST...CLEAN...EASY...SAFE...DEPENDABLE

PLAINTIFF'S EXHIBIT
tabbies
WV-012575

An AUGER-MATIC Bag Packer offers you a simple and efficient method of filling paper valve bags at low cost. The manual handling of filled bags is reduced to a minimum . . . a constant, speedy production operation is assured . . . your packing costs are cut to the bone. The AUGER-MATIC is sturdily constructed to give you years of efficient service at low maintenance cost . . . can be easily serviced by your own mechanics.



The Economical Way to Pack
POWDERED, GRANULAR, PELLET & FIBROUS MATERIALS

CE/HI (F) 32930

CE0102791

PLAINTIFF'S EXHIBIT
tabbies
70108.00

WIDE USAGE — The "quick change" auger feature of Auger-Matic packers makes it possible to insert the size and style of auger best suited to packing a specific material. Many different products entirely different in consistency can, therefore, be packed with the machine. Cement, dry chemicals, clays, feeds, foods (such as meal, flour, cocoa and starch), fertilizers, insecticides, gypsum, lime, pigments, plastics, resin, sand and aggregates are some of the many products being packed in valve bags with Auger-Matic Packers. For small production runs, one machine with extra sets of augers, can be used to pack all the different types of materials.

EASILY CLEANED — The packing spouts and the augers can be easily removed, cleaned and replaced within a matter of minutes. This makes it possible to prepare the Auger-Matic quickly for use in packing different products without fear of contamination.

REDUCES DUST — Valve type bags fit snugly on the Auger-Matic spout, thus escape of dust is minimized during filling. This means dust hazards are reduced and greater protection is given the operator ... materials are never wasted ... and the bag is clean with printing free from dust.

VERSATILE — Useable on continuous production operations or intermittent runs, the Auger-Matic can be mounted on casters for easy movement from one filling point to another. Primarily intended for packing valve type bags, it can be adapted for packing open mouth bags, pails and small drums.

IMPROVED PACKING SPEEDS — Actual packing speeds depend on physical characteristics of materials including density, dryness, fineness, etc. Some free flowing materials such as silica sand can be packed at the rate of a 100 lb. bag in eight seconds or fifteen tons per hour including allowance for the operator to remove filled bag and replace with an empty bag on the spout. Only one operator is needed to turn out production at a rate from two to five bags per minute, depending on bag size and weight per cubic foot of the material ... with weight tolerance held within ounces.

Further information about packing speeds for specific products can be furnished upon request or test runs with your materials will be made at our factory if desired.

SHAKER-WEIGH

This Auger-Matic provides all the advantages of packing valve bags by weighing with a built-in scale and having a bag shaker to firmly settle materials in the bag. The bag shaker jogs the bag vigorously throughout the major portion of the filling time for each bag and the scale then is automatically activated to stop the machine when the bag has been filled to the correct weight. It provides accurate weight control and eliminates slack filled bags enabling you to use valve bags of smaller size at correspondingly lower cost. A complete, self-contained machine, available with or without the Feeder-Matic Hopper (as illustrated). This Feeder-Matic unit is especially desirable when light or fluffy materials, which are inclined to clog or bridge in the hopper, are being packed.

A Model for Every Need

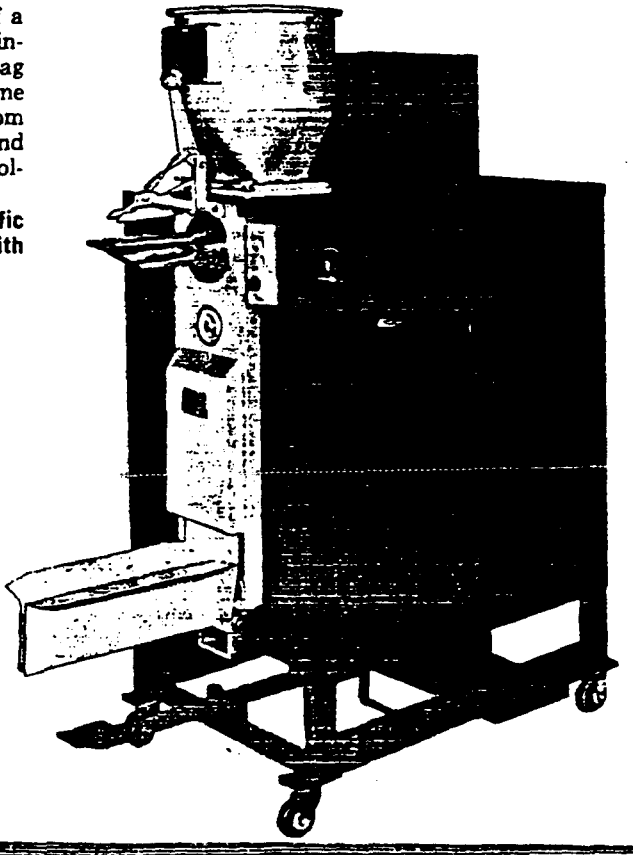
AUGER-MATIC Bag Packers are available in different models especially designed to meet the varying needs of multi-wall valve bag users. Some of the models offered and their purposes are listed here:

AUGER-WEIGH (see opposite page) — Packer has built-in scale that fills bags to accurate weights ... stops automatically when desired weight is reached.

SHAKER-MATIC (not shown) — A packer that shakes bags while filling to settle contents to minimum volume. Does not have a scale but has adjustable timer control set to fill bags to desired capacity.

PRE-WEIGH (not shown) — Packer operating in connection with pre-weighing scale which controls quantity to be packed in each bag.

SHAKER-WEIGH (see below) — Packer with built-in scale and bag shaker to settle and pack fluffy or aerated material as it flows into the valve bag.



Compact ... size of basic machine 56½" high x 28½" wide x 42" long.

For further information... call or write

E. D. CODDINGTON MFG. CO.
5024 NORTH 37th STREET • MILWAUKEE, WISCONSIN 53209

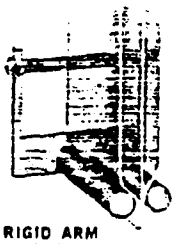
ACCESSORIES

ADAPTABLE FOR USE WITH ANY STANDARD MODEL

FLEXIBLE CONNECTOR

Used to complete the connection between large supply hoppers or bins and the Auger-Matic Packer. Prevents vibration from being transmitted to scale mechanism and keeps bin load from resting directly on packer.





RIGID ARM SUPPORT

BAG SUPPORT

The bag support can be attached to the front panel of the scale and adjusted to position for the length of the bag that is used. It supports the bottom of the bag while it is being filled, thereby relieving bag strain and providing easy access for material into the top of the bag for a better filled package. Available in rigid and tilt models as illustrated.



TILT-TYPE SUPPORT

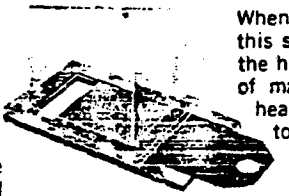
CASTERS

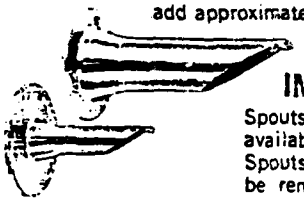
Provides for easy movement of the machine... especially desirable if packer is used under more than one bin or supply station. Mounted under the machine, they add approximately 5" to the overall height.



CONTROL GATE

When the Feeder-Matic Hopper is not used, this shut-off gate is mounted directly over the hopper. It provides for a regulated flow of material into the auger, reduces overhead material pressure and it can be used to shut off the flow entirely for a quick clean-out of the packing mechanism.





INTER-CHANGEABLE SPOUTS

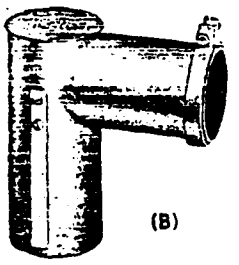
Spouts ranging up to 4 inches in diameter are available for use on Auger-Matic Packers. All Spouts and augers are interchangeable and can be removed or installed within a few minutes.





BAG CLAMP

"Toggle lock" type, holds bag securely on spout while bag is being filled. Has adjustment to obtain desired tension for various thickness or number of sheets used in multiwall paper valve bags. Releases easily. A bag counter can be connected to the handle if desired.



(B)

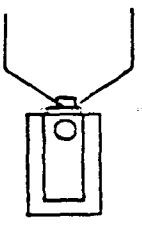
OPEN MOUTH ADAPTER

A choice of two models, both of which fit over spout and clamp securely in place . . . machine stops automatically when container is filled to the correct weight. (A) For use with open mouth bags which are clamped and held in position on adapter. (B) For use with open mouth bags, pails or drums that are set on the bag rest.

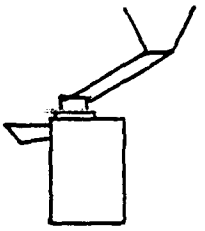


(A)

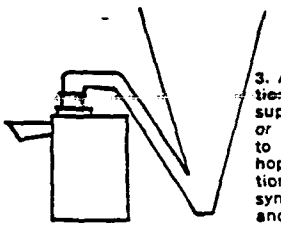
PRACTICAL APPLICATIONS FOR AUGER-MATIC INSTALLATIONS



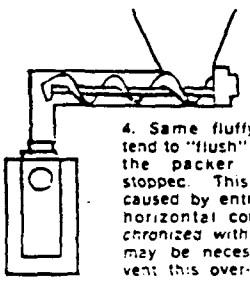
1. Typical installation of Auger-Matic Packer under large supply bin with flexible connection and control gate. Material feeds directly by gravity from storage into hopper of packer.



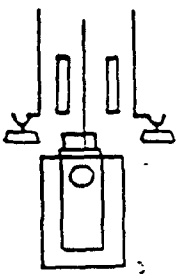
2. Installation of Auger-Matic Packer under large supply bin, offset to permit diagonal chute arrangement which relieves packer from direct pressure of storage bin and minimizes "flooding" tendencies of free-flowing materials.



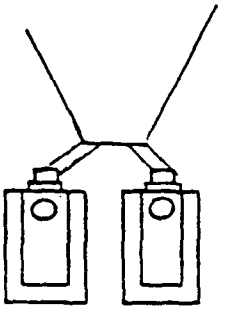
3. Auger-Matic Packer positioned at one side of large supply bin using horizontal or inclined auger conveyor to move material to surge hopper above packer. Action of conveyor can be synchronized with packer and surge hopper.



4. Same fluffy materials tend to "flush" or flow after the packer auger has stopped. This is usually caused by entrained air. A horizontal conveyor, synchronized with the packer, may be necessary to prevent this over-feeding.



5. Installation of Auger-Matic Packer under independent pre-weigh scales. Packer, in this case, functions to fill bags with materials as discharged from scales . . . can be synchronized with pre-weigh mechanism.



6. Positioning of two or more Auger-Matic Packers under common hopper or bin supply, fed through individual chutes, enables operator to handle multiple machine production.



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