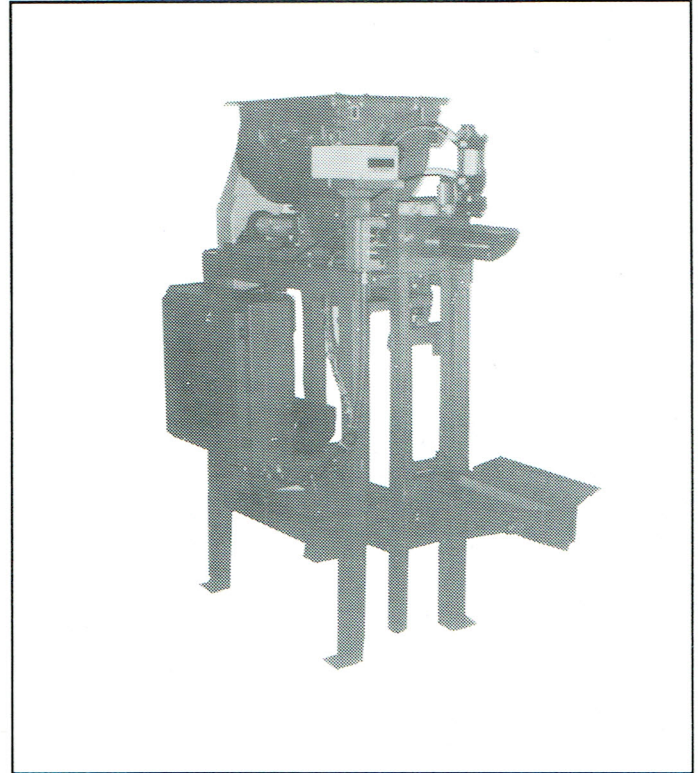


RPE MODEL SA-20 SERIES VALVE BAG FILLER

AUGER CONVEYING
GRAVITY FEED

FEATURES

- RUGGED CONSTRUCTION FOR LONG LIFE WITH LOW MAINTENANCE
- LARGE HOPPER BORE ACCOMMODATES UP TO 4" DIAMETER FILLING SCREW
- AGITATOR ASSEMBLY IN FEED HOPPER TO PREVENT BRIDGING AND MAINTAIN CONTINUOUS FEED TO FILLING SCREW
- CHOICE OF AGITATOR HOPPER DESIGNS AND FILLING SCREW OPTIONS TO HANDLE A WIDE RANGE OF PRODUCTS
- FULL FLEXURE MOUNTED WEIGHT MECHANISM FOR CONSISTENT SUPPORT THROUGH SCALE TRAVEL
- FILLS VALVE BAGS AS WELL AS OPEN TOP BAGS, DRUMS AND PAILS
- REVERSE CYCLE AT END OF BAG FILL TO POSITIVELY STOP PRODUCT FLOW MEANS ACCURATE WEIGHTS AND CLEAN FILLING



MODEL SA-25 SHOWN

RPE MODEL SA-20 SERIES VALVE BAG FILLER

A simultaneous fill and gross weighing machine, the SA-20 Series Valve Bag Filler is economical, easy to operate and versatile, in a proven dependable design.

OPERATION

The bagger is gravity fed from your product supply bin or blender. Product entering the bagger passes through the gear reduction driven agitator section and into the filling screw which conveys it into the bag, drum, or pail. When the preset weight is reached, the bagger stops and momentarily reverses to halt the flow of product.

SPECIFICATIONS

Height : 64" Base to Product Inlet
Width: 18" Frame (Add 7" for side mounted control box- may be mounted on right or left or remote mounted)
Depth: 62"
Weight: 850 lbs.
Motor: 3HP, 230/460/60/3

VERSATILITY

The bagger may be mounted directly beneath your product supply hopper or may be fitted with a small (3-4 ft. high) product holding hopper, allowing it to be fed directly by bulk containers, conveyors, "Bobcat " loaders, etc.

SCALE AND WEIGHING MECHANISM

The weighing portion of the bagger, including the fill spout and bag saddle, is supported by flexure plates. The standard mechanical scale is a rugged, single beam design using two inverted pivots. The bag weight is adjusted by moving the counterweight along a notched support beam. A small threaded counterweight is used for a fine weight adjustment, and is within easy reach of the operator. Optional electronic weight display or full electronic weighing with two speed filling is available.

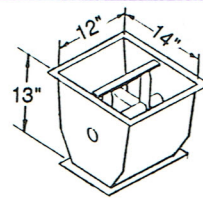
CONSTRUCTION

The SA-20 Series uses a heavy duty, structural tube frame design 18" wide - two units may be placed side-by-side for multiple tube installations.

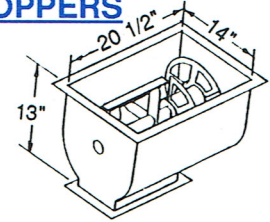
The heavy duty filling screw is mounted in two pillow block bearings. The bearings mount on two quick removable, dowel pin located support blocks. The entire filling screw, packing box, and bearing assembly may be quickly removed through the rear of the bagger. The agitator drive gear reducer is driven via v-belt from the filling screw.

The large packing box reservoir, with easily adjusted side shoes, prevents leakage with minimal maintenance.

INTERCHANGEABLE HOPPERS



SA-22 HOPPER WITH
BAR TYPE AGITATOR



SA-25 HOPPER WITH
COMBINATION BAR TYPE
AGITATOR - RIBBON
SCREW FEEDER

- Other options available to suit application

MOTORS AND CONTROLS

The bagger uses a heavy duty 3HP TEFC drive motor (5 HP optional). The motor controls are mounted in a NEMA 12 enclosure at the side of the bagger. The controls include a transformer for 120v/1ph. power to the operator controls. All wiring and components are NEMA 12 rated.

OPTIONS

- Automatic start
- Air operated automatic bag clamp
- Automatic bag discharge
- Drum and Pail filling attachments
- Wear resistant hard facing for filling screw when used with abrasive products.
- Stainless steel facings
- Special finishes

DIMENSIONS

