

## 2.0 MACHINE DESCRIPTION AND SPECIFICATIONS

### 2.1 MACHINE DESCRIPTION

The Packaging Service 5505 Auger Valve Packer is a combination feeding, filling and gross-weighing machine for various products from powder to granules.

Product is gravity fed from a stabilizing bin (by customer) to the auger hopper of the valve packer.

A paper or plastic valve bag is placed on the filling spout and the manual bag clamp is set. (If the optional air-operated bag clamp is furnished, the bag clamp will set when the "START" pushbutton is pushed.) The operator then depresses the "START" pushbutton and the auger motor will start. (If the optional "AUTOMATIC START" is furnished, the air-operated bag clamp will set and the auger motor will start when the "AUTO START" switch is actuated by the bag as it is placed on the filling spout.)

The product is augered through the spout into the bag. If the machine is equipped with two-stage weighing, the auger motor will shift to a lower speed (after the set bulk weight is reached) to allow the bag to come up to weight at a slower fill rate. As the desired weight is reached, a proximity switch or load cell relay is energized. The auger will reverse for a set time, stopping product flow into the bag and clearing the spout of product. The bag will be unclamped and manually removed unless equipped with the automatic discharge saddle. The cycle will repeat as another bag is placed on the spout.

## 2.2 MACHINE SPECIFICATIONS

### 2.2.1 OVERALL MACHINE DIMENSIONS

Width:	21" ( 533 mm)
Depth:	70-7/8" (1800 mm)
Height:	62-1/2" (1588 mm) (Excluding bin)

### 2.2.2 ELECTRICAL REQUIREMENTS

Input Power:	230/460 V., 3 Phase, 60 Cycle
Control Circuit	115 volt power is obtained through a control transformer.
Maximum Current Draw:	230 Volt = 8.6 Ampere 460 Volt = 4.3 Ampere

### 2.2.3 AIR REQUIREMENTS (For Optional Features)

Operating Pressure:	80 PSI (552 kPa)
Line Pressure:	90 PSI (620 kPa) Minimum
Free Air/Cycle:	.15 cu.ft. (4.3 liters)

### 2.2.4 PRODUCTION SPEED

2 to 5 bag/min., depending on volume and product flow characteristics.

### 2.2.5 CAPACITY

25 lb. to 110 lb.	(10 kg to 50 kg) units
16" to 36"	(406 mm to 914 mm) bag length

### 2.2.6 SHIPPING WEIGHT

Approximately 1,000 lbs. (455 kg)