

S-4 Weigh/Fill System



EQUIPMENT & MACHINERY COMPANY

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- Self-adjusting controller
- Reads out to 1 gram or .001 lb
- Controller range up to 10lbs.,
- Supply Hopper 3.5 cu.ft.
- Powder-coated chassis. Stainless steel optional
- All product surfaces stainless steel
- Footprint 4.6 sq.ft., 68" high
- 110V 60Hz (wall outlet); 240V 50Hz optional
- Handles any dry bulk from powders to large parts
- Used with any bag or rigid container
- Automatic tare adjustment
- Self-adjusting bulk & dribble speed control
- 600-800 fills/hour

Information:

By using a weigh hopper that drops the entire weight at once and an electro magnetic vibrator, the S-4 can have greater accuracy at higher speeds and lower net weights.

Example: To run a relatively free flowing product into a 1lb. package, the product is loaded into the hopper, and the total weight is set at 1lb. After starting the first fill cycle with the foot pedal, the controller will automatically switch into "learn mode" for the first cycle. During this time the controller tests the flow characteristics of the product and decides the best speeds and durations for bulk and dribble. The controller will automatically change the vibratory feed from bulk to dribble and stop the scale at 1lb. The bag is removed and sealed. Each successive container is now filled by placing it under the funnel and depressing the foot pedal.



Specifications:

- Overall height: 5'7" (67"), occupies only 24"x 30" of floor space
- Hopper Size: 24"x 24" (3.5 cu. ft. product capacity)
- Scale Total Weight: 150lbs.
- Standard Funnel Size: 2.5"x 2.5" D0
- Power Requirements: 2 amps, 120 volts 60Hz AC
- Air Requirements: <0.25 cfm air supply at 30psi
- Standard S-4 Options:
 - Fill Spouts
 - Dribble Feed Gate
 - 240v 50Hz AC
 - Stainless Steel Chassis