

The SM1-RFM mechanical weight filler is ideal for filling open top 1 to 5 gallon containers, from the top. The operator simply places a container under the nozzle and pushes the fill button. The filled container is then moved off the scale to a gravity roller conveyor and a lid is placed by hand. The container is then pushed down under the crimper tool or press plate and manually closed by activating the anti-tie down buttons.

Shown with Bottom Up Fill and  
Crimper Tool Option

## FEATURES

- Pneumatic closer unit to actuate crimper tool or press plate
- Two way locking caster wheels
- Safety exhaust/energy lockout brass ball valve for air supply meets OSHA Standard 1910.147
- Air input filter, regulator and lubricator supplied
- 3 beam scale with 5 lb., tenth of a lb. and ounce graduations
- Air Operated
- 5' Gravity Roller Conveyor with Dead Plate



**Model: SM1-RFM**



**IDEAL<sup>®</sup>**  
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May be covered by one or more of the following  
U.S. Patents: #5,505,233, #5,823,406, #6,148,877, #6,595,250



### Sizes

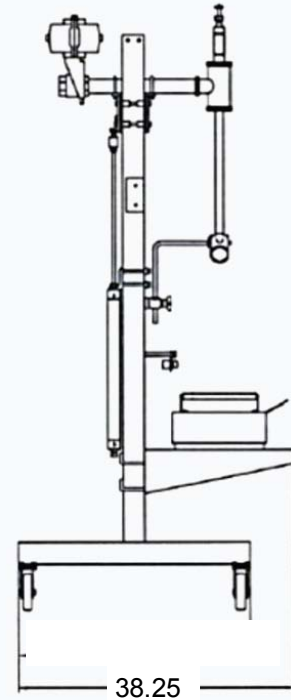
1/2 Pint	●	Pails
Pints		Kegs
Quart		Drums
● Gallons		Totes

### Machine Specifications

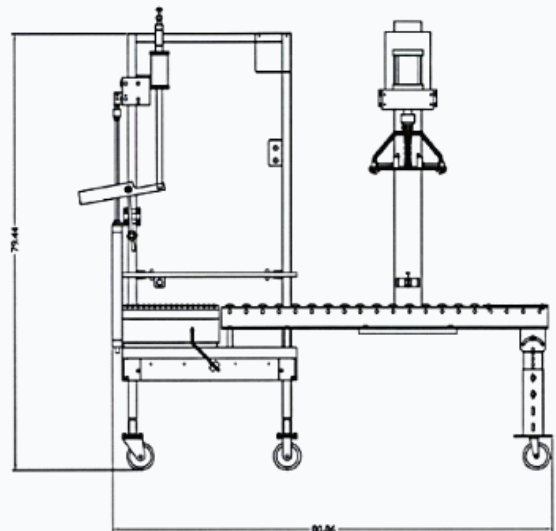
Electrical	120 VAC, 1Ø, 60HZ
Air	5 CFM @ 80 PSI (Clean Dry Air)
Container Size	1 to 5 Gallons
Speed*	1 Head
Gallon	4 - 8 cpm
5 Gallon	2 - 4 cpm
Accuracy: Typically $\pm .1$ lb. This will vary with the capacity of the scale.	
*Fill rates will vary depending on container size, container shape, fill opening, accuracy required, product supply, as well as individual product characteristics.	
**A consistent head pressure in the tank this machine will draw from, will help keep the fill accurate.	

Since we continuously strive to improve our products, we reserve the right to make changes and modifications without notice.

### Side View



### Front View



## OPTIONS

- Valve, regulator and lubricator to control air diaphragm pump/tranquilizer
- Several nozzle configurations including capillary, plug, cone and probe
- Gravity roller conveyors
- Press plates and crimper tools

