

# **IDEAL-PAK**

**Filling & Packaging Line Solutions**

Industry Solutions Since 1949

## **PREFERRED**

Semi-Automatic Filling Machine  
V-Series

*Line*

### **Semi-Automatic Volumetric Filling and Closing Machine for Gallons to 5 Gallons**

The SA-521 is a semi automatic volumetric filler and closer, for filling open top 5 gallon containers, from the top. Options are available to fill containers down to 1 gallon. Placing a pail under the nozzle begins the fill cycle by contacting the No-can-No fill switch. After filling, the pail is advanced by the conveyor to a position between the nozzle and the closer. An operator places a lid on the stationary pail. When the container has been automatically advanced under the closer and another cycle started, the closer extends down and immediately retracts after the container has been sealed.

### **FEATURES**

- Monofill measuring cylinder dispenses up to 5 Imperial gallons in one stroke
- Adjustable closing press
- Closer guards
- Throttle valve for controlling product flow to the nozzle
- Air operated



**Model: SA-521**



**IDEAL**<sup>®</sup>  
MANUFACTURING & SALES CORP.

Ideal Manufacturing & Sales Corp.  
4607 Dovetail Drive • Madison, WI 53704  
Toll Free: (800) 383-1128 • Local: (608) 241-1118  
[www.ideal-pak.com](http://www.ideal-pak.com)



#### **Sizes**

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

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

### Machine Specifications

Electrical	None	
Air	10 SCFM @ 80 PSI (clean dry air)	
Container Size	Gallon to 5 gallon open top	
Speed*	1 Gallon	8 – 15 cpm
	5 Gallon	6 – 9 cpm
Accuracy**	± .25% by volume 10 – 15 cpm	
<p>*Fill rates will vary depending on container size, container shape, fill opening, accuracy required, product supply, as well as individual product characteristics.</p> <p>**A consistent head pressure in the tank this machine will draw from, will help keep the fills accurate.</p>		

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

## OPTIONS

- Several nozzle configurations including capillary, plug, cone and probe
- Flush attachments connect to nozzle for enclosed cleaning
- Fill tub
- Constant level device
- Glycol pump

