

Filling Simply

Family Owned for Over 40 Years

Simplex Model V-100

World standard for quality

The Simplex Model V-100 is our fully automated, cam-driven, single-head volumetric piston filler. The fill volume is up to one GALLON in one shot... ideal for difficult liquid products.

Durability and Reliability

The Simplex Model V-100 is recognized as the world standard for liquid, semi-solid and/or particulate filling. All contact points are constructed of USDA approved materials making it useful for many products and operations. This filler is built for 24/7 production runs, so durability and reliability is our top priority.

Economical and Versatile

This simple yet sophisticated machine will be the foundation for your success!

Model V-100

Volumetric Piston Filler
Single-Head, Cam-Driven, Fully-Automated



This machine is ideal for filling a wide variety of liquids, including...

COSMETICS

Shampoo

Toners

Body Oils

FOOD

Dips

Oils

Sauces

CHEMICALS

Stains

Sealant

Detergent

Specifications

Speed:	by application
Fill Volume:	.66 fl. oz. to 160 fl oz
Fill Accuracy:	up to +/- 1/2% of volume filled
Fill Rate:	Determined by volume/product & container opening
Dimensions:	40" L x 50" W x 60" H (102 L x 127 W x 153 H cm)
Weight:	400 lbs (180 Kilos)
Ship Weight:	500 lbs (225 Kilos)
FOB:	Napa, CA 94558 USA
Price:	PER APPLICATION

Options Available

Stainless Steel Construction
Conveyors / Unscramblers / Accumulators
International Shipments

 **Simplex Filler**



Simplex Filler Company • 640-A Airpark Road • Napa, CA 94558
707-265-6801 • FAX: 707-265-6868 • www.simplexfiller.com



Model V-100

Volumetric Piston Filler
Single-Head, Cam-Driven
Fully-Automated



Automated Simplex Model V-100
Single-head with plunging head
plug spout, 20 gallon "Cone" shaped
hopper with 8' conveyor

The Simplex Model V-100 can be...

- Combined with almost any conveyor system
- Combined with an accumulator and/or unscrambler
- Completely explosion proof
- Used worldwide

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Simplex Model V-100 Components

- Fully-Automated with Siemens Logic Controls
- Standard Epoxy Coated Frame
- Stainless Steel Contact Points (rotating valve core of Waukesha "88" alloy)
- Separate speed controls for intake
- Discharge strokes
- Air-Operated Indexing System
- Cam-Driven
- Aluminum top plate

Interchangeable Product Cylinders

Fill range

- 7/8" diameter (.66 to 4.74 fluid oz. / 16.9 to 140.4 ml)
- 1-1/8" diameter (1.1 to 7.8 fl oz / 32.5 to 230.6 ml)
- 1-3/8" diameter (1.6 to 11.7 fl oz / 47.3 to 346 ml)
- 1-7/8" diameter (3.0 to 21.8 fl oz / 88.7 to 644.7 ml)
- 2-3/8" diameter (4.9 to 35.0 fluid oz. / 144.9 to 1034 ml)
- 2-7/8" diameter (7.0 to 51.2 fl oz / 209 to 1514 ml)
- 3-7/8" diameter (13.0 to 92 fluid oz. / 385 to 2720 ml)
- 4-3/4" diameter (20 to 140.5 fl oz / 591 to 4154 ml)
- 5-1/4" diameter (24 to 160 fl oz / 709 to 4731 ml)

Interchangeable Straight Spout

- Air-Operated Plug Spout

or

- Interchangeable Offset Spout

Size determined by container opening, viscosity of product and quantity to be filled

Available Model V-100 Accessories

- Various hoppers with and without agitators for free flowing or viscous products
- Neck Gripper
- Agitators
- Elevated fill from bulk manifold
- Extra Large Valve Body / Macro Valve
- Plunging Spouts
- Liquid Level Sensor
- Multi-stroke Kit for multiple fills into one container
- Container Centering Device
- Drip Trays
- Bulk Adapter with 2" Landish Connection
- Intrinsic Safe Explosion Proof System with Purge Box
- Casters