

Filling Simply

Family Owned for Over 45 Years

Simplex Model MAV-100

World standard for quality

The Simplex Model MAV-100 is our single head, air-driven, semi-automatic, piston filler. The fill volume is up to five GALLONS in one powerful shot... ideal for extremely viscous products.

Durability and Reliability

The Simplex Model MAV-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 MAV-100

Volumetric Piston Filler
Single-Head, Semi-Automatic
Air-Driven



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

COSMETICS

Lotions
Masks
Scrubs

FOOD

Butters
Mayonnaise
Salsas

CHEMICALS

Glues
Silicone
Paint

Specifications

Speed: 5-15 cpm
Fill Volume: 90 to 685 fl oz.
Fill Accuracy: 1/2% of volume filled
Dimensions: 84" L x 24" W x 64" H
(214 L x 61 W x 163 H cm)
Weight: Net 400 lbs. (182 kilos)
FOB: Napa, CA 94558 USA
Price: **PER APPLICATION**

Options Available

International Shipments
Floor Stand
Stainless Steel Construction

 **Simplex Filler**



Simplex Filler Company • 640-A Airpark Road • Napa, CA 94558
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Model MAV-100

Volumetric Piston Filler Single Head, Air-Driven Semi-Automatic



Simplex Model MAV-100
with plug spout, product cylinder
and floor stand

The Simplex Model MAV-100 can be...

- Upgraded to be fully automated
- Completely explosion proof
- Combined with conveyor, accumulator and/or unscrambler
- Used worldwide



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Simplex Model MAV-100 Components

- Semi-Automatic
- Infinitely Variable Input and Fill Speed Controls
- Separate speed control for intake/discharge strokes
- Air-Operated Foot Switch or Solenoid Valve or Palm Valve
- Stainless Steel Contact Points
(rotating valve core of Waukesha "88" alloy)
- Aluminum Top Plate

Interchangeable Product Cylinders

Fill range

- 5-1/4" diameter (24 to 160 fl oz / 709 to 4731 ml)
- 10-1/4" diameter (90 to 685 fl oz/2.66 to 20.25 lt)

Interchangeable Straight Spout

- Air Operated Plug Spout
- or
- Interchangeable Offset Spout

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

Available Model MAV-100 Accessories

- Plunging Spout Assembly (for bottom-up fill)
- Neck Gripper
- Drip Tray
- Various Size Cone shaped or "U" shaped hoppers
- Agitators
- Liquid Level Sensor
- Extra Large Valve Body / Macro Valve
- Special or Extra Long Plug Spout for Form/Fill Seal
- Bulk Adapter with 2" Ladish Connection
- Intrinsic Safe Explosion Proof System with Purge Box
- Multi-stroke Kit for multiple fills into one container
- Casters