

## IM400 Flow Meter Filler



### Features:

- Available in mass flow or magnetic flow configurations
- Multiple Mass Flow Filling Heads
- Integrated dosing heads for water or glycol top-off
- Accuracy to 0.2% by weight
- 35-gallon, 304SS, product tank
- 30-gallon, water/glycol top-off tank
- Welded Stainless Steel frame
- Dynamic Clean In Place (CIP) includes sliding tray and in-tank spray ball
- Allen-Bradley Controls
- Comprehensive graphical operator interface screens
- 304SS electro-polished liquid contact parts



*Flow Meter filling promotes highly accurate fills, even at high speeds.*

# Barry-Wehmiller

# Flow Meter Filler

The IM400 filler is designed to automatically convey and fill containers from one quart to five gallons using three or more filling heads. A typical 3 head machine will fill 15 five gallon containers per minute of paint products.

## Accurate Filling For Any Liquid

Pneumatic Scale introduces flow meter filling technology to the paint industry. The Flow Meter Filler, available as mass flow or magnetic flow, features a clean product supply and the most advanced control technology available. The resulting machine delivers a more sanitary filling environment and more accurate filling, while minimizing maintenance.

## Clean Product Supply

The sanitary product supply design results in a cleaner machine, reducing the possibility of product contamination. Each filling head has its own supply tube connected with sanitary 3-A fittings, enabling each meter to act independently.

## Efficient Clean-Out

All manifold components are self-draining for fast product clean-out. Cleaning solution surges through the system at high speeds while the drain system purges all residual product and cleaning solution, resulting in an exceptionally clean filler that is ready for your next product.

## Precision Fills

Flow meter filling is incredibly accurate, even at high speeds. Product is measured as it flows into containers, dramatically reducing excessive giveaway. In fact, this technology is so precise that the

Mass Flow Fillers achieve fill accuracies up to .2%, respectively. And with laminar flow nozzles, containers are filled without foaming or dripping.

## Advanced Control Technology

Performance monitoring and adjustments couldn't be simpler. A user-friendly touch-screen interface allows performance of each filling head to be monitored, sampled, and adjusted. Because each flow meter houses its own control package, each meter can be adjusted independently. Not only can product recipes be created and edited, but rejection parameters for out-of-spec containers can be set as well. Real time and historical shift data can be viewed on-screen as well as printed.

## Standard Features

- Three Mass Flow Filling Heads
- Fill by weight
- Capacitance Tank Level Control
- Left to Right Container Travel
- Eight foot stainless steel shell conveyor with motor, gearbox and variable frequency drive

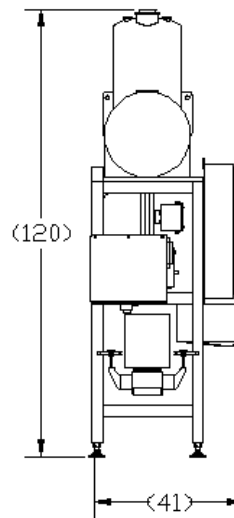
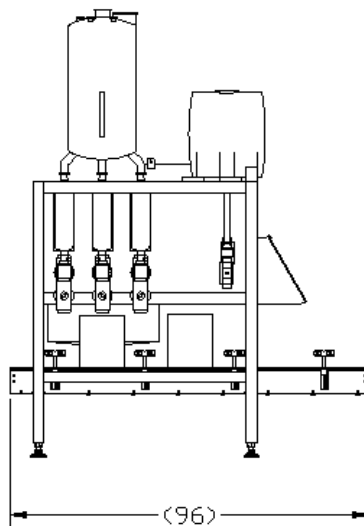
- Fixed turret height
- NEMA 12 control cabinet
- Accommodates round and non-round containers

## Optional Features

- Additional Filling Heads
- Fill by volume or weight
- Adjustable head height
- Out of tolerance fill container eject
- NEMA 4X control cabinet
- Control cabinet Air Conditioning
- Mobility kit including casters
- Lidder conveyor and controls
- Contact factory for additional options

## Specifications

MACHINE SPECIFICATIONS	
ELECTRICAL	460VAC 3P @ 15 AMPS
AIR	4 CFM @ 100PSI
CONTAINER SIZE	1 QUART - 5 GALLONS OPEN TOP
SPEEDS: SPEED IS DEPENDENT UPON CONTAINER CONFIGURATION, PRODUCT DYNAMICS AND IS SUBJECT TO VERIFICATION IN OUR FILL LAB. PLEASE CONTACT PSC TO ARRANGE A LAB TEST.	



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