

AMF Quad Cylinder Volumetric Filling Machine



For the filling of liquids, creams, pastes, and
suspensions from 5ml to 1250ml

Precision, Volume-Adjustable, Filling Machine: AMF-4C

We proudly manufacture liquid filling systems that enable you to consistently dispense your product from source to consumer-ready containers.

Our AMF is a unique design that enables a diverse range of product types and volumes to be processed with one compact machine. It has an industry proven reputation for reliability and ease of cleaning. The versatility of this machine is enhanced by its interchangeable components, such as valves and nozzles, enabling you to continue to meet the requirements of your product and the standard it demands. ASSET are the original designers of the revolutionary rotary valve system which is a standard feature on this machine enabling compact volume adjustment and cylinder assembly.

Our AMF's valve and nozzle choices can handle anything from thin liquids to creams and thick pastes, even products with soft suspended solids. As all these components are interchangeable, it provides a vast combination of options without the expense of purchasing separate machines, which further facilitates the ongoing development and growth of your product lines.

Our AMF has the capacity to fill four containers at any one time. It has an integral frame and is designed to integrate with your automatic production line mounted alongside your conveyor system which Asset can also manufacture for you.

The AMF has an integral frame and is designed to integrate with your automatic production line and conveyor system with the capacity to fill 4 containers at any one time.

All our product lines, our components and machines are bespoke and manufactured in-house allowing for your unique requirements to be met with the final design unique to you.



Standard Features

- Heavy duty pneumatic product cylinder drive system
- Integral 304-grade stainless steel base and cladding with side access door
- Suitable for cleaning with a warm water hose-down
- Wetted parts (i.e. components that are in contact with your product) are manufactured from 316-grade (i.e. food & pharmaceutical grade) & food-grade engineering plastics
- Product piston fitted with o-ring energised polymer glide ring seal
- Mounted on lockable castors
- Product cylinder and valve dismantles by hand for ease of cleaning - no tools required
- Simultaneous product volume adjustment (whilst running) by single hand wheel and digital indicator
- Available in 50mL, 125mL, 250mL, 750mL, 1250mL product cylinder models, all infinitely adjustable between 10% and 100% of their rated volume, with facility to interchange different cylinder sizes
- Asset rotary product valve system that provides a positive valve seal, unaffected by product supply head height
- Automatic Bottom-up fill nozzle assembly with 2-speed control
- Quick-connect triclover product inlet / outlet fittings
- Filling accuracy $\pm 0.5\%$ or better

Specifications

- **Frame footprint:** 600mm x 600mm
- **Weight:** (approx.) 180kg
- **Air pressure required:** 600Kpa
- **Air consumption:** 10CFM

Additional Options

- Additional sizes of interchangeable product cylinder and piston assemblies
- Stainless steel conveyor (various lengths & widths) with container gating system and 'no bottle / no fill' safety interlock
- PLC controlled pneumatic drives
- Various nozzle configurations (e.g. liquid, cream, suckback, positive shut-off (PSO), vacuum PSO, screen, plug)
- Product inlet manifold
- Stainless steel screw levelling jacks
- High temperature spool / food valves for filling of hot liquids over 85°C

ASSET PACKAGING MACHINES

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