

AMT™ Servo Peristaltic Liquid Filling Machine

Servo precision sterile peristaltic liquid dispensing

Servo programmable nozzles

Instant servo changeover to one of 100 programs

Fill precision: 0.5% typical

Fill volumes from 0.1mL to 1L

10 to 350 bottles per minute production speeds

Instant computer calibration

Suck back system

Reversible flow

Stainless-steel construction

Crafted for lasting performance

Low maintenance



AMT™ Liquid Filling Machines are Stainless-Steel crafted for Clean Room productions.

The AMT™ Servo Peristaltic Dispensers utilize EqualFlow™ - innovative digital compensation (US Patent Number 6,393,338) allowing unmatched fill precision at higher flow rates. Long-term tubing wear is also digitally compensated.

Better than 0.5% fill precision is achievable. Volume calibration is immediate from the touch screen and can be performed without stopping production. AMT™ servo pumps have programmable speed and acceleration for optimum performance. Reversible flow and jogging are provided for system purging and priming. The pumps are suitable for CIP (Cleaning In Place). Tubing and bottom up nozzles are the only fluid contact parts. They can be disposable or disassembled in a few minutes for sterilization and reassembled with reduced risk for contamination. The machine can be equipped with a conveyor or it can operate from the customer's conveyor.

From 1 up to 40 nozzles are servo-programmable for top and bottom positions, acceleration, and speed to assure minimal product foaming and splashing. Precision nozzle to nozzle adjustment system is provided. Drip-less operation is obtained via the suck back system.

One feed screw for bottle indexing can work with a wide range of bottle sizes. Feed Screws are equipped with quick disconnects for changeover to a new range of bottle sizes. Sensors for bottle tracking are incorporated. Feed screws have servo-programmable acceleration for optimum performance. Alternative simplified bottle escapement system with bottle counters is also available.

Inline Filler is programmable via multi-axis servo system for different products. Parameters and functions are recorded in the computer under preprogrammed production profiles. A desired product profile number is called with a touch of the screen for new production or editing. Nozzles top and bottom positions, fill volumes, calibration, speeds, accelerations and timing are programmed for optimal production.

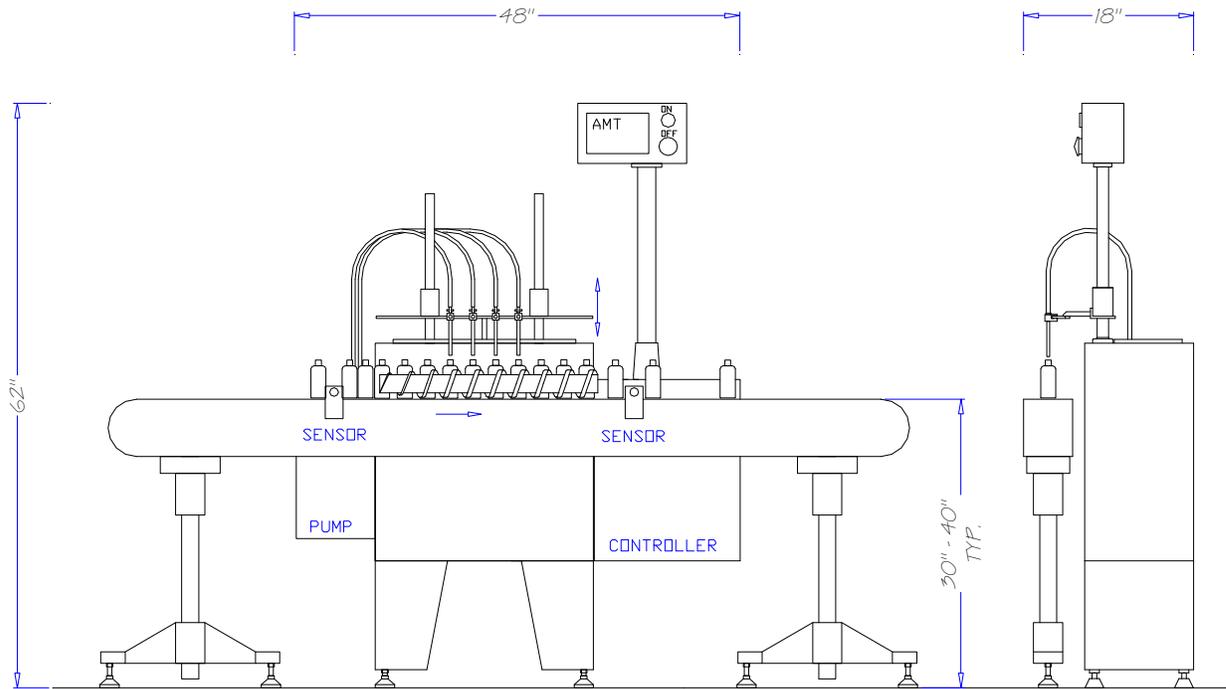
Optional equipment and customized machines are available to meet special filling requirements such as special container indexing, gas flushing, etc. To see a video of various AMT™ models in production, please visit our website: www.AMTLiquidFilling.com



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AMT™ Servo Peristaltic Liquid Filling Machine Dimensions



Width=1220 mm, Depth=460 mm, Height=1575 mm, Weight: 700 Newtons

Power: 110V/60Hz/10A

As part of our policy of continuous product development we reserve the right to alter specifications without notice.

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