

LiquidMaster

Continuous-Motion Washdown Vertical Form, Fill, Seal Machine

...SOUPS KETCHUP CHILI SALAD DRESSINGS MACARONI & CHEESE PICKLES MAYONNAISE PIE FILLING EGGS
SAUCES GRAVY COLLARD GREENS MASHED POTATOES SYRUPS RAW MARINATED CHICKEN TOPPINGS SAUERKRAUT
TACO MEAT MUSTARD SOUR CREAM GUACAMOLE COLE SLAW JUICES CREAMED CORN MUSHROOMS ARTICHOKE DIP...

Single, Dual, or Multi-Component Filling of Liquid, Viscous, or Solid Products into Flexible Bags



- Servo-driven
- Stainless steel sanitary design
- Highest output speeds in its class
- PowerClean Xtreme® squeeze roller technology for clean seals, air removal
- LiquidSeal Xtreme® horizontal seal jaw technology for robust, high integrity seals
- Frozen to 212°+ product temperatures
- 2 oz. to 5 gallon bag size range
- Fitment capable



The **LiquidMaster®** offers a superior stainless steel washdown sanitary design and rugged construction executed specifically to withstand harsh plant environments. Providing unparalleled speeds and precise filling accuracies along with an easy-access open design for changeovers, cleaning, and maintenance, this all-servo continuous-motion machine is the ultimate solution for frozen to 212°+ liquid, viscous, and solid products in single, dual, or multi-component fills. Backed by over 25 years of manufacturing the highest quality VFFS machines, we combine innovative technology with proven designs to deliver our customers maximum machine uptime.

Machine Range

Model	Bag Width	Bag Length*	Speed*
280	50-280mm	160-450mm	up to 120/min.
400	70-400mm	170-700mm	up to 80/min.

*Actual speeds are product, application, film, and filler dependent

*Shorter and/or longer bags are possible, application dependent

Machine Specifications

Frame/Housing.....	Non-tubular, fully welded, stainless steel frame Fully welded IP65 stainless steel machine housing No open holes or exposed threads IP66 stainless steel washdown electrical enclosure Pressurized machine housing and electrical cabinet Stainless steel sanitary machine feet
Controls.....	Allen-Bradley CompactLogix PLC Allen-Bradley PanelView Plus 12" color touchscreen
Drives/Motors.....	Allen-Bradley servo drives/motors (8 total) Allen-Bradley PowerFlex VFD to control pump speed Servo-driven vacuum-assist film drive belts Servo-driven rotary vertical seal band Servo-driven squeeze rollers (in/out and rotation motions) Servo-driven horizontal cross seal jaws (in/out motion) Servo-driven cross seal station (up/down motion)
Forming Set.....	Stainless steel (product contact parts) Tool-less changeover
Standard Features...	Stainless steel overhead product catch tray w/drain Laser-controlled powered unwind on film roll Stainless steel manual splice table, pneumatically actuated Stainless steel printer frame Automatic film tracking (IP66 sensor) Photoeye for registered film (IP66 sensor) Tower stack light, 3 colors Low film detection eWon module for remote diagnostics All mechanical adjustments via handwheel w/readout
Optional Features....	Fitment applicator, printer, pump
Feed Systems.....	Pumps, combination scales, bucket elevators, and more...

