

# LiquidMaster

## Continuous-Motion Washdown Vertical Form, Fill, Seal Machine

Wings, Nuggets, Leg Meat, Boneless Thighs,  
Uneven Cuts, Tenders, Split Breasts, Whole Breasts

## Automatic Bagging of Fresh and/or Marinated Poultry



- Servo-driven
- Stainless steel washdown 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



The **LiquidMaster®** offers a superior stainless steel washdown sanitary design and rugged construction executed specifically to withstand harsh poultry plant environments. Providing unparalleled speeds along with an easy-access open design for changeovers, cleaning, and maintenance, this servo-driven continuous-motion machine is the ultimate solution for fresh and/or marinated poultry. Backed by over 30 years of manufacturing the highest quality VFFS machines, we combine innovative technology with proven designs to deliver our poultry customers maximum machine uptime.

### Typical Speeds

**Standard Machine Range**

Model	Bag Width	Bag Length
280	50-280mm	160-450mm
400	70-400mm	180-700mm

Longer bags are possible

Product	Weight	Speed
Nuggets	5 lbs.	45-50 bpm
Tenders	5 lbs.	45-50 bpm
Uneven Cuts	5 lbs.	45-50 bpm
Boneless Thighs	6 lbs.	40-45 bpm
Leg & Thigh Meat	8 lbs.	35-40 bpm
Tenders	10 lbs.	30-35 bpm
Split Breasts	10 lbs.	30-35 bpm

Actual speeds are dependent upon film and filler capabilities

### Machine Specifications

- Frame/Housing.....** Stainless steel, non-tubular, fully welded machine frame  
Stainless steel fully welded IP65 machine housing  
No open holes or exposed threads  
Timer-activated UV lamp inside machine housing  
Stainless steel IP66 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  
Servo-driven vacuum-assist film drive belts  
Servo-driven or pneumatically-actuated vertical seal station  
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 removal/changeover
- Standard Features...** Stainless steel overhead product catch tray w/drain  
Stainless steel adjustable swiveled mount for touchscreen  
Stainless steel manual splice table, pneumatically actuated  
Stainless steel printer frame  
Laser-controlled powered unwind on film roll  
Automatic film tracking (IP66 sensor)  
Photoeye for printed/registered film (IP66 sensor)  
Tower stack light, 3 colors  
Low film detection  
eWon module for remote diagnostics  
All mechanical adjustments via handwheel w/readout
- Feed Systems.....** Combination scales, bucket elevators, pumps, and more...

