

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...

