



M5200

Glopak, and its partner Thimonnier, have been manufacturing filling machines for milk and beverages for over 50 years and have installed more than 5000 machines worldwide. With today's demanding requirements for machine quality, cost effectiveness and flexibility, the new M5200 form-fill-seal machine offers outstanding features and performance that provides:

- Higher output and efficiency.
- Greater Fill Accuracy.
- Excellent seal integrity.
- Enhanced sanitary capability for extended shelf life.
- Superb user friendliness.
- Complete downstream integration.

Advantages

- Compliance with health and safety regulations.
- The M5200 is built according to the 3A Standard 17-09, and complies with USPHS and FDA practices. It complies with United Laboratories, Canadian Standards Association and CE regulations.

Fill Accuracy

- Excellent fill accuracy is due to the improved hydraulic design, precision jaw servo motors and automatic fill level and pouch weight control.

Seal Quality

- Optimized sealing quality with the newest temperature control technology and digital sealing jaw motion control.

Machine Sanitation – ESL Option

- Protected film path with enhanced UV exposure.
- Ultra-clean air sterilization in head tank, pouch headspace and filling chamber (ESL Option).
- Optional integrated CIP system.

User Friendliness

- Up to 8 preset pouch format.
- Easy loading and splicing of film rolls with new roll-handling design.

Machine Control

- Allen-Bradley PLC and controls.
- Onscreen touch screen controls for machine speed, pouch length and weight.
- S.P.C. (Statistical process control) All machine controls, including fill accuracy, level control PID, temperatures, weights and counters, alarms, event history, adjustments and production data etc. are logged and retrieved from the machine or via internal network.

Integrated downstream

- The M5200 also controls the entire downstream machinery, e.g. conveyors, baggers, closing machinery and casing machinery. Adjustments are made via the M5200 touchscreen.

Options

- Cooling water recirculation.
- ESL kit (Enhanced Shelf Life).
- Photocell for print registration.
- Date coding devices.
- Downstream machinery.
- Password protected parameters.

Characteristics			
Pouch sizes:	From 100ml to 2000ml		
Fill Accuracy	1.0 – 1.5 grams standard deviation (120 – 1liter pouches/min at 1bar head pressure)		
Film roll specifications:	Utilities	Output	
Composition:	Co-extruded LDPE	Electrical: 230V 3Ph+N – 60Hz P=5kVA	100-250ml to 150 ppm
Gauge	50 – 100 microns	Other voltages or frequencies adapted	500-1400ml to 130 ppm
Roll width	274mm, 324mm and 383mm	Compressed Air: Network 7 – 9 bars	1600ml to 100 ppm
Roll Core	76mm	Operating 6 bars	
Max. roll dia	500mm	Consumption (filler): Q=1Nm ³ /h	
		Cooling water Inlet Pressure 1 – 6 bars	
		Consumption: Q=150L/h (drain) Temp. 20C	