

FORM FILL AND SEAL SYSTEM



SYSTEM OVERVIEW

Thimonnier's M1500 Food form, fill and sealing machine is a vertical form fill seal machine, perfect for shaping, filling and sealing pillow pouches using PE film on reels. The pouches are filled with air injected from a buffer tank under constant pressure and equipped with a proportional valve and level sensor. The M1500 is operated with actuators, making it easy to use with precise dosing at high speeds.

The frame is constructed from steel and clad in ANSI 304L stainless steel, ensuring strength and durability, an integrated Clean-in-Place (CIP) system is included, all product-contact parts are made from stainless steel, and the pneumatic sealing grip controller, along with an independent electrical cabinet, make maintenance easy and cost-effective.

STANDARD FEATURES

- Pouch counter on display
- Pouches disinfected in germicidal UV tubes before being shaped
- Protective rubber caps
- Teflon rollers on upper and lower sealing grips
- Control screen
- End of film roll system that halts the machine
- CIP control (even in automatic)

BENEFITS

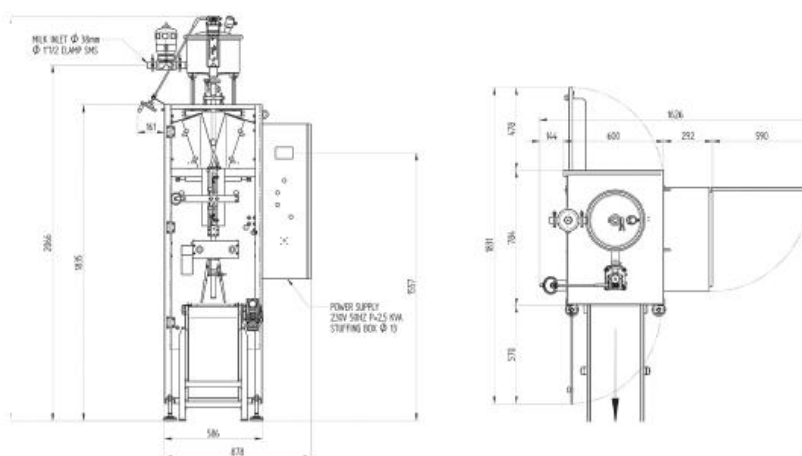
- Excellent sealing ability
- Highly flexible production
- User friendly
- Low maintenance
- **Rate of production:** 1800-3000 packets/h
- **Bag volume:** 70-1000 mL

****SEPAK Industries is the Australian Representative of Thimonnier France***

TECHNICAL SPECIFICATIONS

M1500

Film Thickness	50-120 microns
External Diameter	350 mm
Inner Diameter	76 mm
Film Width	324 mm (other sizes available upon request)
Pouch Sizes	Adjustable length of 40-260mm
Power Supply	230 V Mono – 50 Hz Other voltages and frequencies on request, P = 2.5 kVA
Input Pressure	7-9 bar
Effective Pressure	6 bar
Output Flow Rate	14 Nm ³ /h
Cooling Water Supply	
Inlet Pressure	1-6 kg/cm ³
Flow Rate	100 L/h
Maximum Temperature	20-30°C free return



OPTIONAL FEATURES

- **Coding device** – 3 coding types available:
 - Pressure stamp on longitudinal seal
 - Programmable stamp with hot transfer tape
 - Ink jet stamp
- **Dosing** by pump for viscous products (helicoidal pump with lobes or flexible impulser)
- **Exit conveyor**
- **Automatic packer** – comes with an optional pouch packing system with a counter
- **Extended Shelf Life (ESL) option** - filled using sterilised air and sterilisation of air line
- **Air cooling unit**