



# Universal Packaging, Inc.

## MARK SERIES 4-SIDE SEAL



Universal Packaging Mark Series vertical, form, fill, and seal packaging system offers sachet package range's from 1-3/4" x 2" to 12" x 12" and with dependent on machine configuration. Production rates up to 60 cycles per minute dependent on package sizes, and filler capability. The Mark Series has selectable filler interfaces for Clutch/Brake Auger, Servo Auger, and 3 interlock systems to work with all types of scales, volumetric, and liquid fillers. *Universal Touch Command* color graphic touch screen prompts operators on setup, so training on proper operation is minimized, with all setups saved in one of the standard 30 product memory saved by number or 25 character text name for future re-call minimizing changeover time and providing consistent run to run production.

### Features:

- *Universal Touch Command* 6" TFT Color Graphic Touch Screen with embedded Windows CE features
- Allen-Bradley Micro Logix 1500 PLC
- 30 Product memories with 25 character text descriptions with copy and paste feature to establish new setups quickly
- Independent digital PID Temperature controls for each seal die with alarms
- Infra-Red Front and Rear Print Registration w/Missed Registration Alarm
- Toggle Link Endseal drive for superior seal strengths and low air consumption
- Pinch Wheel film index to provide relaxed package during fill cycles, digitally controlled for accurate package length
- Electronic Cam Timing to anticipate steps in cycle for maximum production throughput
- Production statistics including:
  - Batch Counters
  - Total Machine Cycles
  - Total Run Hours
  - Maintenance Alarms
  - Production Trend Graph
  - Production Data Meter
- Production Alarms including:
  - Low Film
  - Low Product
  - Missed Registration
  - Seal Temp out of range
  - Code Date failure
- Safety Features
  - Electrically Interlocked Safety Shields that lift off for ease of cleaning and maintenance
  - Pneumatic Circuit Pressure release
  - 24 VDC Valves and Sensors
  - Endseal Jam Detection
  - Visual and Audible Warnings to warn operator
  - Lockout Disconnect

## Specifications

	Min Sachet (W x L)	Max Sachet (W x L)	Mark Multi Lane (MT)	Mark Multi Lane (MT)
Bag Sizes	Minimum 1-3/4 x 2"	Maximum 12" x 12"	Minimum 1-3/4" x 2"	Maximum 4" X 9" @ 4 lanes 2.5" x 9" @6 lanes
Package Style	4 Side Seal Sachet	4 Side Seal Sachet	4 Side Seal Sachet	4 Side Seal Sachet
Package Materials	Supported Laminates	Supported Laminates		
Sealing Types	Resistance for Supported Films			
Production Rates	Up to 60 CPM **Application Dependent**			
Package Sizes Multi-Lane	Min. 1-3/4" X 2" up to 6 lanes	Max. @ 6 lanes 2.5" {32" web split for front & back}		
Pneumatic	10 CFM @ 80 PSI Clean Dry Air (5.5 Bar @ 226 LPM)	Electrical {Optional Voltages at Addi- tional Cost}	208 to 240 Vac 1Ph or 3Ph 50/60Hz 20 Amp w/Earth Ground	
Net Weight	2,600 lbs.**	**Machine No Filler or Accessories**		
Size	62" w x 87" d X 80" h**	**Machine No Filler or Accessories**		
<i>**Specifications Subject to Change without notice**</i>				

## Optional Accessories

- **Fill Systems**
  - Auger Fill Clutch/Brake
  - Servo Auger
  - Weighing
    - Dial-A-Fill Scales
    - Bulk & Dribble Scales
    - Computer Scales (Ishida, Yamato, etc)
    - Off-Line Check-weigh
    - In-Line Check-weigh
  - Liquid Filler's
    - Piston Filler
    - Servo Positive Dis-  
placement Filler
  - Counter Systems
  - Cup Volumetric
- **Seal Die Options**
  - Hole Punch
  - Tear Notch
  - Pour Spout
  - Liquid Seal Die
- **Coding Options**
  - Touch Dry Ink
  - Thermal Transfer
  - Ink Jet
- **Conveying Options**
  - Pack-Off Conveying
  - In-Feed Conveying
- **Package Options**
  - De-Gassing valve applicators
  - Gas Flush
- **Production reporting packages to distribute production data via Ethernet on internal or external network improves efficiency and assist in monitoring finished goods and packaging film inventories**



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