



Universal Packaging, Inc.

Series 1500 "E" VFFS



Universal Packaging Series 1500 "E" vertical, form, fill, and seal packaging system offers pillow package range's from 1-1/2" x 1-1/2" to 10" x 15" and with optional flat bottom attachment 2"w x 1-1/4"d to 4"w x 3"d gusseted packages. Production rates up to 70 packages per minute dependent on package sizes, and filler capability. The Series 1500 "E" 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 20 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
- Allen-Bradley Micro Logix 1500 PLC
- 30 Product memories with 20 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 Print Registration w/Missed Registration Alarm
- Full Floating Film cage with automatic film track adjustment
- Toggle Link Endseal drive for superior seal strengths and low air consumption
- Side Pull Film index with independent digital indexed A/C drives (no maintenance prone clutch/brakes)
- Electronic Cam Timing to anticipate steps in cycle for maximum production throughput
- Push-Button data entry for easy package length adjustment
- 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
 - Film Web Alignment
 - 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 Pillow (W x L)	Max Pillow (W x L)	Min Gusseted (W x D x L)	Max Gusseted (W x D x L)
Bag Sizes	1-1/2" x 1-1/2" (38mm x 38mm)	10" x 15" (254mm x 381mm)	2" x 1-1/4" x 4" (50mm X 31mm x 100 mm)	4" x 3" x 12" (100mm x 76mm x 300mm)
Package Style	Pillow	Or Optional	Flat Bottom Gusseted	
Package Materials	Supported Laminates	Or Optional	Un-Supported Polyethylene	
Sealing Types	Resistance for Supported Films	Or Optional	Impulse Seal for Un-Supported Films	
Production Rates	Up to 70 BPM **Application Dependent**			
Electrical	208 to 240 Vac 1Ph or 3Ph 50/60Hz 20 Amp w/Earth Ground	Optional Voltages at Additional Cost		
Pneumatic	8 CFM @ 80 PSI Clean Dry Air (5.5 Bar @ 226 LPM)			
Net Weight	1,000 lbs.** (453 Kg)	**Machine No Filler or Accessories**		
Size	38" w x 87" d X 60" h** (96 cm x 220 cm x 152 cm)	**Machine No Filler or Accessories**		
Specifications Subject to Change without notice				

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
 - Static Eliminators
- **System Options**
 - *Unicom* on board modem
 - Remote Production Re-
porting packages



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