SHRINK WRAPPING SYSTEMS
by AMERICAN PACKAGING MACHINERY INC.
Specialists in Shrink Packaging Machinery

APM Model ML3-18
High Speed Wrapper

A Unique Line of Heavy Duty, Compact, Automatic Wrapping Machinery. Available in Both Overlap Bottom Seal or Side Seal and Trim Film Closures. Three Speed Ranges Available.

Packaging – Processing
Bid on Equipment
1-847-683-7720
www.bid-on-equipment.com
APM Models ML1 and MS1 Versatile Speed Wrapping Systems

Model ML1: Versatile Speed Wrapper with electrostatic overlap bottom seal.

Model MS1: Versatile Speed Wrapper with side seal and trim film closure.

Production Speeds: to 100 packages per minute (depending upon package size).


Maximum Package Size:
- Height: 8" - Infinite
- Length: 40"
- Width: As required to maximum 40" cross seal.

Standard belt infeed conveyor.

Drive System: Variable D.C. Motor drive operated. Electrical clutch and brake controlled.

Continuous Motion Seal Carriage Assembly:
Pneumatically operated/photo sensor activated.

CROSS SEAL ASSEMBLY:
- Continuous motion.
- Utilize all sealed bearings and Thompson shafting.
- Two way action chain pillow block connected to squaring shaft for positive seal alignment and pressure.
- Simple product height and length change over.
- A safety obstruction/detection feature is incorporated to P.L.C. Alleviates product jams.

CROSS FILM SEAL SYSTEMS AVAILABLE:
Choice Of -
- Nichrome wire impulse/constant heat provides for consistent seal and superior package appearance.
- Solid hot bar design. No moving parts, designed for consistent performance and ease of maintenance.
- Ability to seal all shrink film - polyolefin, co-polymer, multiply polyethylene and P.V.C.

OVERLAP BOTTOM SEAL SYSTEM:
Available on model ML wrappers:
- Electrostatic 24 KVA for superior static film lap seals.

SIDE SEAL AND TRIM FILM CLOSURE SYSTEM:
Available on model MS Wrappers.
- Hot wheel and anvil design for positive consistent film sealing.

VACUUM SEAL BELT CONVEYOR:
- Multi-zone chamber with independent adjustments to provide for ease of vacuum control.
- Utilizes oilless blower for trouble free operation.

APM Models ML2 and MS2 High Speed Wrapping Systems

Model ML2: High Speed Wrapper with overlap bottom seal.

Model MS2: High Speed Wrapper with side seal and trim film closure.

Production Speeds: to 150 packages per minute (depending upon package size).

Cross Seal Widths Available: 18", 22", 26".

Maximum Package Size:
- Height: 6" - Infinite
- Length: As required to maximum cross seal
- Width: As required to maximum cross seal

Standard flighted chain infeed conveyor.

Drive System: Variable frequency operated.

Continuous Motion Seal Carriage Assembly:
CAM operated/photo sensor activated.
APM Models ML3 and MS3 High Speed Wrapping Systems

Model ML3: High Speed Wrapper with electrostatic overlap bottom seal.

Model MS3: High Speed Wrapper with side seal and trim film closure.

Production Speeds: to 200 packages per minute (depending on package size).

Cross Seal Width Available: 18”.

Maximum Package Size:
- Height: 4”
- Length: Infinite
- Width: As required to maximum 18” cross seal.

Standard flighted chain infeed conveyor.

Drive System: Variable servo/D.C. motor operated.

Continuous Motion Seal Carriage Assembly:
- CAM operated/activated or photo sensor activated. Selector switch controlled.

This Unique System Provides For
The Most Versatile High Speed Wrapper available - Actually Two Wrappers In One!
Automatic Infeeds Available:

- APM High-Speed Inline Infeed for speeds up to 200 packages per minute. Provides for positive product flow, back pressure and spacing.
- APM Inline Indexing Split or Gated Belt Infeed. Provides for smooth product transfers and proper product spacing.
- APM Flighted Chain Infeed for high speeds or manual product placement.
- APM Right-Angle Infeed conveyors to feed Flighted Chain Infeed Conveyor.
- APM Hopper Infeed.
- APM Multi-Pack Infeed for automatic product collating.
- Up Stacker and Down Stacker Infeeds of all types.
- Special paper handling Infeeds.

Mono and Dual Heat Zone Models Available:

- Heavy duty blower motors.
- Heavy duty stainless steel mesh belt conveyor. Variable speed D.C. motor controlled.
- ⅛" diameter tubular heater elements for long life and maximum efficiency.
- Heater elements and blower motors are bottom mounted for maximum efficiency.
- Side air flow adjustment, externally mounted.
- 3" thick high temperature insulation.
- All machine-tool grade electrical components.
- NEMA 12 electrical control enclosure.
- Low duty cycle, most economical and efficient tunnel available.

Optional Features:

- Blower Motors variable speed. A.C. variable frequency controlled for precision air flow control.
- Top air flow volume control.
- Bottom air flow volume control.
- Adjustments externally mounted.
- Illuminated high temperature observation window panel to view internal operation of tunnel and package shrinkage.
- High temperature silicon belt tunnel conveyor.
- Teflon® mesh belt tunnel conveyor.
- Heavy duty casters.

We Can Custom Design Our Infeed System to Your Product to Insure Proper Handling and the Best Final Package Possible.

Let Us Help Solve Your Most Demanding Packaging Requirements.

"YOUR AMERICAN PACKAGING MACHINERY TEAM"