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Semi-Automatic Shrink Wrapping - Shrink Tunnel with Tray packing Machine

Multiple wrapping systems using LDPE Material with 2-side opening for heavy cases.

Operation of the System:

The system consists of 2 units, one a wrapping unit that is used to wrap the product with the shrink film and the second unit where the shrinking of the product with the film takes place. The recommend models for your application are AW-650 and S.W. 5045 H.D

The product to be wrapped will be placed in the base tray and fed into the auto-wrapping machine. The bottles with the tray must be placed before the pneumatic pusher arm. Once the product has been placed manually pusher pulse has to be given manually. The tray with the bottles will fed into the machine for sleeve wrapping over the product. And then the sealing pulse must be given. The Sealing takes place with the help of pneumatic system for which air supply has to be provided. Shrinking of the film takes place at a set temperature and speed of travel.

Type of Collation : In Tray pack with film.

Material of Packing: Shrinkable PE.

Heavy Duty Shrink Tunnel: SW-5045-H.D with Cooling Chamber

Sleeve Wrapper:

- Sealing Length: 650mm
- Sealing with cut facility suitable for LDPE material
- Pneumatically operated sealing system
- Air Pressure req. 6 Kg-sq / cm
- M.O.C: In M.S Duly Powder Coated
- Pneumatic film unwinding system will be provided
- Two roll feeding system for Film
- Timer based sealing, cooling
- **Power: 230V, 50Hz, 15 Amps**
- Sealing watts: 1.2 K.W
- Rubber coated rollers with locking for film holding in top and bottom
- Pusher: Pneumatic pusher works at 4-5Kg. pressure

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Shrink Tunnel with Cooling Chamber:

- Chamber Size: 500mm(W) x 450mm(H)
- Hot Air Chamber Size: 500mm(W) X 450mm(H) X 1000mm(L)
- Cooling Chamber: 500mm(W) X 450mm(H) X 400mm(L)
- Machine Dimension: 1000mm(W) X 1000mm(H) X 2000mm(L)
- Conveyor: Roller type
- Conveyor Drive: 1 H.P Variable Speed Drive, A.C Drive
- Heavy Duty chains with pins for conveyor assembly.
- Heater: 12 K.W Open type Porcelain heaters for better efficiency and
- Faster heating.
- Digital Temperature controller with sensor to control the chamber temperature
- With PID Controller system
- Hot Air Blower: High velocity with 'F' class insulation, ¼ H.P
- Cooling Fan: 200-Watts capacity
- Heavy Duty Gear box with the motor
- Separate indicator for Input lines, Blower, Cooling fan, and Motor
- Interlocking system between the controls for safety reasons.
- Insulation: double class, Padded Glass Wool insulation for better heat insulation.
- Aluminum Heat resistant coating for the Hot Air Chamber.
- M.O.C: In Mild Steel duly Powder Coated
- Power: 440V, 50Hz, 3 Phase

Semi-Automatic Sleeve Wrapper Machine

