

Semi-Automatic Sleeve Wrapping and Heat Shrink Machine



This Semi-Automatic Sleeve Wrapping and Heat Shrink Machine is designed to efficiently wrap and shrink various products with sleeve-type film, ensuring a tight, professional packaging result. Equipped with advanced features and user-friendly controls, this machine offers a reliable solution for medium to high-volume packaging needs. Below is a detailed description of its key components and technical specifications.

Key Features:

1. **Wrapping Mechanism:** This machine utilizes a sleeve-type wrapping system, where products are manually positioned before the machine wraps a film around them. This semi-automatic process allows flexibility for different product sizes and shapes.
2. **Heat Shrinking Function:** After wrapping, products are conveyed to a heat shrink tunnel, where the wrapped film is uniformly shrunk to form a secure package. The tunnel temperature and conveyor speed can be adjusted to achieve optimal shrinking results.
3. **Max and Min Packing Sizes:**
 - Max Packing Size: Up to 450mm (L) x 270mm (W) x 330mm (H), accommodating a wide range of product dimensions.
 - Min Packing Size: As small as 250mm (L) x 60mm (W) x 140mm (H), suitable for compact items.

4. Voltage and Power:

- Wrapper Voltage: 220V/50HZ (customizable to different specifications).
- Wrapper Power: 1.6KW.
- Shrink Tunnel Voltage: 380V/50HZ.
- Shrink Tunnel Power: 22KW, providing high-performance heating for rapid shrinking.

5. **Packing Speed:** The machine can handle up to 8 parcels per minute, ensuring efficient processing and high productivity.

6. **Material Compatibility:** Compatible with film thicknesses from 0.03 to 0.25mm, providing flexibility for various types of wrapping film.

7. Load Capacity:

- Wrapping Section Load: 20KG, suitable for medium-weight items.
- Shrink Tunnel Load: 40KG, allowing for a range of product weights to be processed through the tunnel.

Technical Specifications:

- Wrapper Dimensions: 1020mm (L) x 830mm (W) x 1500mm (H), compact enough to fit in various production settings.
- Shrink Tunnel Dimensions: 2500mm (L) x 850mm (W) x 1400mm (H), providing ample space for thorough heat distribution.
- Shrink Size: 600mm (W) x 400mm (H) x 1500mm (L), ensuring compatibility with most product sizes.
- Machine Weights:
 - Wrapper Weight: 170KG.
 - Shrink Tunnel Weight: 300KG, offering a stable and robust construction for reliable operation.