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Item # ARPAC TS37, Side Seal Horizontal Shrink Wrapper



Side Seal Horizontal Shrink Wrapper

The TS37 side seal horizontal shrink wrapper is one of the most versatile packaging machines on the market today. Capable of wrapping up to 80 packages per minute, the continuous motion TS37 film folding system eliminates the need for multiple forming heads with its adjustable film former.

Unlike conventional film inverters, the TS37 film path ensures equal transfer of grouped products onto the film without skewing the product configuration. This is ideal for multipacks and irregular shaped products. The machine features an electronically adjustable pouch length, which enables “on-the-fly” bag length changes without changing the flight spacing. All adjustments are made with a user-friendly color touchscreen where product changeovers can be completed quickly and easily - without tools.

The TS37 uses single wound film which is less costly than centerfolded. A unique side sealing mechanism ensures strong attractive trim seals using polyolefin, PVC or polyethylene shrink film. The TS37's cross-seal system uses a hot knife seal and cut-off, with a precision temperature control that maintains accurate heat settings. An independently driven scrap removal system compacts excess film.

A sliding film rack allows easy roll loading and reduces film changeover time. Located beneath the film forming table, the film rack requires no additional floor space.

Compact in design, the TS37 is easily integrated into any existing production environment.

The TS37's unique side seal process keeps package graphics distortion-free with neatly formed trim seals created extremely close to the product. The TS37 is perfect for artwork, mailers, compact discs and low-profile stacks of paper products such as napkins and greeting cards. This flexible system is also ideal for tall products such as bottles when utilizing the vertical sealing system, and optional film support former.

Mode of Operation

The product is loaded between the lugs on the infeed conveyor. The flights push the product into the inverting head where it enters the folded film and moves the product forward toward the side seal unit.

The open edge of the film is sealed, creating a tube. When the trailing edge of the product passes the seal frame, the seal carriage starts moving forward at the same speed as the product. Simultaneously, the seal bars close, cutting and sealing the film into a bag. When the seal dwell timer times out the seal bars open and the seal carriage returns to its home position.

The product, now sealed in a film bag, continues moving forward and transfers onto another conveyor or into a shrink tunnel to complete the packaging cycle.

APPLICATIONS

Bottles

Cosmetics

Food products

Games

Hardware

Linens

Mailers

Multipacks

Paper products

Pharmaceutical

Software

Spray cans

Toys