

Skin Packaging Vacuum Forming Machinery 420 T Series



Standard features:

Low Power Usage/Rapid Cycle Times
Cantilevered Oven

Cantilevered Film Frame

Cantilevered Film Roll Carrier

Positive Locking Film Roll Retainer

Film Guide

Self Lubricating Film Frame Bushings

Gravity Down Stroke Film Frame

High Efficiency Tubular Heating Elements

"Balanced Heat" Oven Design

Dual High Efficiency Turbines

Steel Platen Supports

Steel Monocoque Construction

Recessed Kick Panel

Heavy Duty Industrial Finish

Leveling Bolts

Recessed Instrument Panel

Fully Automatic Push Button Operation

Convection Cooled Oven Towers

Stainless Steel Oven Guides

Full Manual override Controls

Production Monitor (Push Button Reset)

Factory Set (Internal) Pressure Regulator

Air Filter/Lubricator

Pressure Gauge

Vacuum Gauge

Vacuum Range Control

Plug In Relays

Solid State Timing Modules

Self Aligning Oven Drive

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EFFICIENCY PERFORMANCE RELIABILITY

The 420 T Series - the machine specifically designed to fill the needs of the skin packaging/vacuum forming industry. The first step in the development of the 420 T Series was extensive market research to determine the needs and requirements of the industry, from the part-time packager to the full-time professional. This data has been incorporated into the design of the 420 T Series. A continuous research and development program spanning over a decade has resulted in the most advanced and reliable skin packaging/vacuum forming machines available. Hannan engineered the 420 T for simplicity, reliability, and the most efficient use of space and energy. In addition, the 420 T Series is equipped with one of the longest lists of standard features in the packaging industry, including those most desired by professionals.

Examples of our standard features include:

- ◆ A self aligning oven drive system
- ◆ "User Friendly" controls (no computers to access or program).
- ◆ Cantilevered oven, film frame, and film roll carrier to allow for smooth, efficient production flow and high visibility during the loading sequence.
- ◆ Heavy duty, high efficiency tubular heating elements for long life and immediate heat. (no "heat-Up" or "cool-Down" cycles).

Design concepts and innovations like these, have earned the 420 T's reputation as "The Professionals' Choice".

INSTRUMENTATION

TOTAL CONTROL OF THE PACKAGING OR FORMING OPERATION:

- ◆ With the push of a button, a fully automatic sequence produces top quality packages or formed products time after time.
- ◆ The 420 T also features full manual override controls for test and one of a kind sample packaging or forming

CONTROL PANEL HIGHLIGHTS:

- ◆ Pressure gauge indicates the proper air pressure for operation.
- ◆ Vacuum gauge indicates the amount of vacuum being developed during the cycle.
- ◆ Vacuum range control regulates the exact amount of vacuum needed for the job.
- ◆ Independent heat and vacuum controls assure precise, consistent cycles.
- ◆ Production monitor automatically keeps track of production rates (push button reset)
- ◆ Indicator lights register all functions.
- ◆ Functional layout, with analog controls, allows easy operation without the need for entry codes or programming.
- ◆ Recessed, yet readily accessible instrument panel aids in quick setup and consistent cycles.

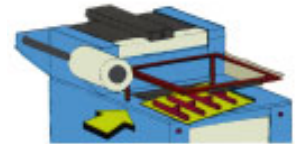
OPTIONS:

Accessory work table	Hot wire cut-off
Internal air compressor	2 roll film carrier
Blister blow-off	Special electrics

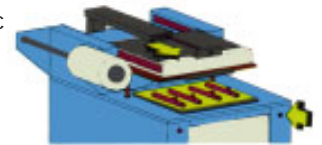
* See 420 C series for heavier vacuum forming needs.

OPERATION SEQUENCE:

1 - Place master card (with products in position) on platen.

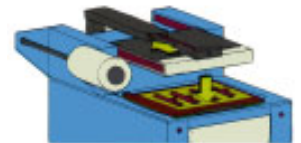


2 - Push start button and automatic sequence of events follows:



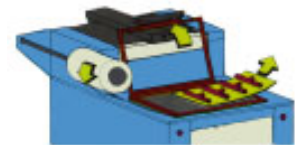
a. Oven extends and heats film.

b. Film frame lowers and vacuum turbines are activated.

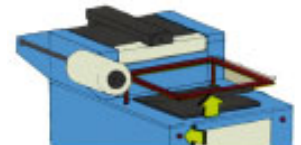


c. Film is sealed to master sheet.

d. Oven retracts and turbines stop.



3 - Open film frame, pull finished master sheet to right, and reclamp frame. Film is now preloaded for next cycle.



4 - Push frame up button and machine is ready for next cycle.

STANDARD MACHINE SIZES:

420 T-18"x24"	420-T-24"x36"	420 T-30"x36"
420 T-24"x30"	420 T-24"x48"	420 T-30"x48"
Film Thickness: 1 to 125 mil.		Min. Wall Clearance 24"
40 PSI air supply required		Working Height 32"

HANNAN®

Made in the U.S.A.

HANNAN PRODUCTS CORP.
 220 NORTH SMITH STREET, CORONA, CA. 92880
 FAX: (951) 735-0827
 TELEPHONE: (951) 735-1587 / (800) 954-4266
 Website: www.hannanpak.com
 Email: sales@hannanpak.com