

THE HOOPER

# HI-TEC

PACKAGING SYSTEM

*Packaging – Processing*  
**Bid on Equipment**

1-847-683-7720  
www.bid-on-equipment.com

THE SOPHISTICATED FORM...FILL...SEAL...PACKAGING SYSTEM

The screenshot displays a control interface for the HI-TEC packaging system. At the top, a menu bar contains five options: **INDEXES**, **SWITCHES**, **OUTPUT TEST**, **INPUT TEST**, and **MACH. SETUP**. The **INDEXES** option is currently selected and highlighted in yellow. Below the menu bar is a table of system parameters. The table has six columns: **STATUS NAME**, **VALUE**, **SET PT.**, **LOW ALARM**, **HIGH ALARM**, and **PRINT OUT**. The parameters listed include SPEED (INDEXES/MIN.), INDEX LENGTH (INCHES), TOP FILM USAGE (FT.), BOT. FILM USAGE (FT.), INDEX COUNTS, FORM HEAT (F), SEAL HEAT (F), FORM PRESSURE (PSI), SEAL PRESSURE (PSI), MACH. PRESSURE (PSI), and HEAT AIR PRES. (PSI). At the bottom of the screen, there are six yellow rectangular buttons labeled **MENU**, **SCROLL**, **CURSOR**, **SELECT**, **ENTER**, and **HELP**.

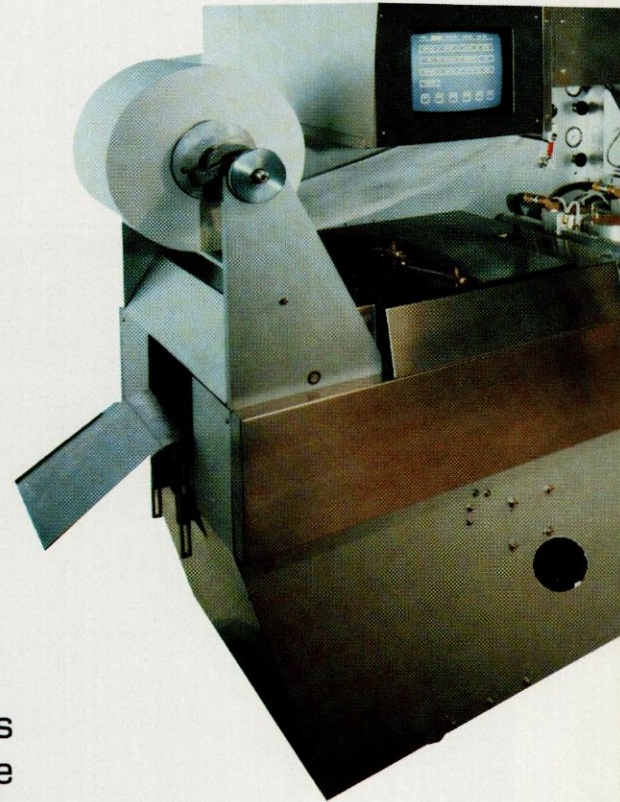
STATUS NAME	VALUE	SET PT.	LOW ALARM	HIGH ALARM	PRINT OUT
SPEED (INDEXES/MIN.)		10			OFF
INDEX LENGTH (INCHES)	10				OFF
TOP FILM USAGE (FT.)		560	0	20	OFF
BOT. FILM USAGE (FT.)		560	0	30	OFF
INDEX COUNTS		56	0	4	OFF
FORM HEAT (F)	0	225	0	0	OFF
SEAL HEAT (F)	0	250	0	0	OFF
FORM PRESSURE (PSI)	0		0	0	OFF
SEAL PRESSURE (PSI)	0		0	0	OFF
MACH. PRESSURE (PSI)	0		0	0	OFF
HEAT AIR PRES. (PSI)	0		0	0	OFF

# The Hooper "HI-TEC" philosophy of simplicity will make packaging easier.....but more importantly it will make packaging more efficient.

The key to a more productive packaging system is efficiency...if a packaging system is complex, however, efficiency can be lost. Hooper Inc. has developed the C12000 "HI-TEC" Packaging System....a sophisticated thermoform...fill...seal, computer packaging system with-out complexity.

The design philosophy for the **Hooper Intelligent Touch Entry Computer**, is simplicity. The traditional computer keyboard is replaced with an easy-to-use touch screen. The touch screen handles all operator communication, making computer entries easier and faster. The user is asked to recognize rather than memorize options. Only allowable options are presented, so errors are reduced, and response time increased. Being able to point to an option allows the user to remain focused on the application at hand, rather than breaking concentration to type a command sequence.

The key to a more productive packaging system is efficiency.....the key to efficiency is the "HI-TEC" Packaging System.



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# MODEL C12000

## HI-TEC Packaging System

(Hooper Intelligent Touch Entry Computer)

The Hooper C12000 - "HI-TEC"

Packaging System is a technological advancement in packaging. This efficient one-machine system forms...

fills...and seals your product

in a single, continuous operation.

Consistency and high-speed offers larger volume

per minute, thereby lowering production costs.

Hooper's high standards of unsurpassed performance, durability, and quality, are built into the C-12000.

### CONTROLS

All machine functions are controlled by the HI-TEC Packaging System:

- smooth intermittent conveyor motion
- discrete [On/Off] timing and sequencing control
- input/output logic decision and calculation
- alarm conditions and fault monitoring



### MONITORS-DISPLAYS-RECORDS

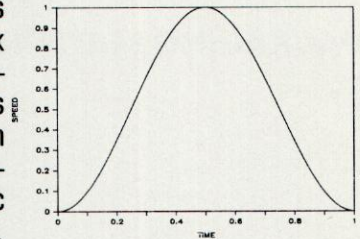
The Hooper C12000 monitors, displays, and records temperatures, seal pressure, machine pressure, film usage, and all statuses of the machine. The machine statuses have a low and high alarm which can be set to do different machine functions, ie. stop machine, print alarm, sound buzzer, send out voice messages, turn an output on or off.

### EASY MAINTENANCE

The Hooper C12000 also has a self-diagnostic feature. If a problem should occur, the computer automatically switches to a diagnostic screen. The diagnostic screen indicates where the problem is located, again a time saver. The C12000 provides easier maintenance....change-over time from one tooling to another is simplified by selecting the proper tooling on the screen. One touch and all machine parameters are changed.

### SERVO MOTOR

The brushless servo motor system offers highly accurate index repeatability. Conveyor motion is smooth and even because it is controlled with a harmonic bell-shaped curve,



which is the smoothest motion profile for conveyor movement. The computer controlled servo motor drives the conveyor directly. Changes in index length and speed are easily made through the computer, eliminating positioning switches, cams, belts or change gears.

### PAPER REGISTRATION

One of the most accurate registrations for running paper material. There is no tolerance build-up because each repeat is controlled independently. The repeat tolerance is  $\pm 1/64$ " per index.

### OPTIONAL FEATURES

Hole punch for package hang-up...tear-notch for easy package opening...code-dating...and contour cutting...all to enhance package appearance.

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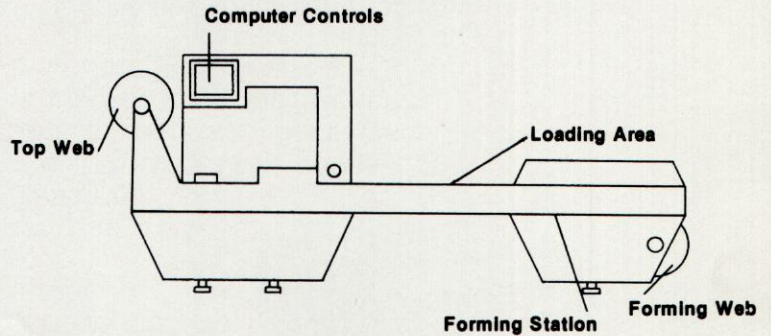
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# MODEL C12000

## SPECIFICATIONS

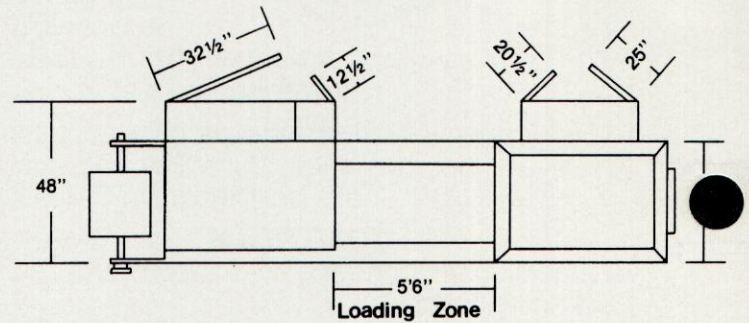
### PACKAGE SIZES:

Product Area: 18" x 14" x 5" dp.  
 Product Cavity [XMD]: 9" min. - 18" max.  
 Product Cavity [MD]: 4" min. - 14" max.  
 Cavity Depth: 5"  
 Machine Index: 5" min.  
 Std. Tooling Increments: .001



### MACHINE SIZE:

Height: 70"  
 Length: 186"  
 Width: 48"  
 Weight: 3500 lbs. approx.

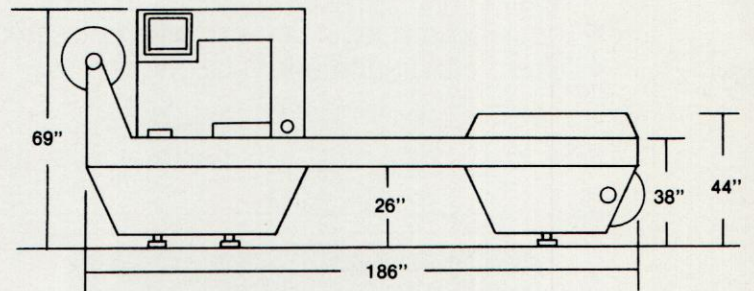


### PACKAGING MATERIAL:

Types: Films, Paper, Foils, Tyvek  
 Core Dia: 3" and 6"

### UTILITIES:

Electrical: 230V, 3-phase, 60 Amp  
 Air: 25 CFM @ 100 PSI  
 Water: closed loop cooling unit



# HOOPER



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**PACKAGE**

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