



**CBS Series Inline machine shown with card and blister feeders. Options shown include product detection, light tower and finished package unloader.**

**At a Glance:**

- ★ **30 sealing fixture Fully Automatic Inline Conveyor Blister Sealing Machine**
- ★ **Extra-large Format 14" x 28" sealing area**
- ★ **Includes automatic card feeder, blister feeder & finished package unload**
- ★ **Remote access - Ethernet standard / Wi-Fi optional**
- ★ **Optional finished package transfer mechanism offered**
- ★ **7 open stations for product loading or customer furnished automation**
- ★ **For high volume blister packaging where inline design is preferred**
- ★ **Heavy-duty industrial design and construction for trouble-free service & long life**
- ★ **Custom machine sizes and features quoted on request**

---

## **Standard Features**

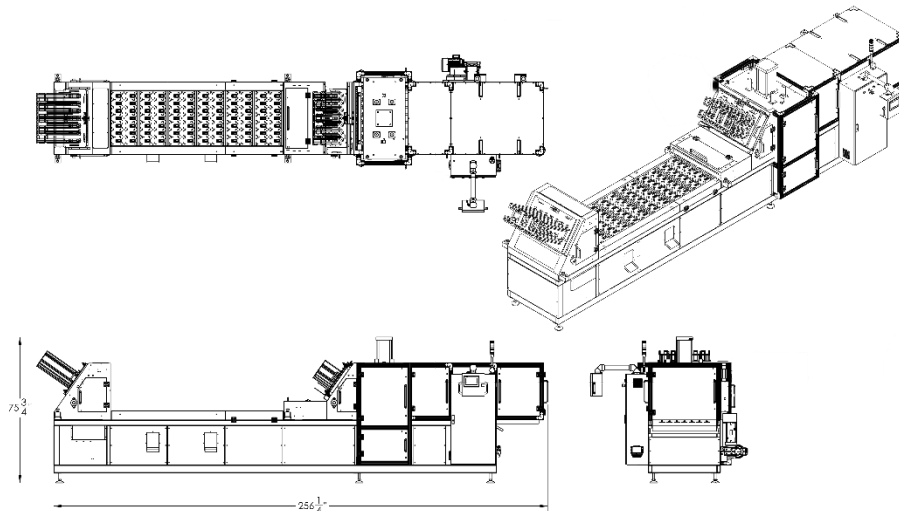
- ★ Programmable logic control (Omron)
  - Intelligent system that allows changes or upgrades from a Starview provided flash memory
  - Ethernet connection to PLC and HMI allows remote access by customer from PC, Laptop, smartphones and tablet devices to HMI screens and PLC functions, and by Starview for program changes, diagnosis or updates when internet connected. Optional Wi-Fi connection available
- ★ **Color** HMI includes:
  - Time and date displayed on HMI
  - System monitoring page. Heating, batch counter and job recipe displayed at a glance
  - Production counter page displays total machine cycles, current job cycles and current job completed packages. Production speeds are displayed in both cycles per minute and packages per minute
  - Machine standby mode. 7-day programmable schedule allows automatic machine start-up and shut down
  - Full Job Recipe storage with memory for up to 100 different recipes
  - History page with last 200 cycles stored and displayed with time and date stamp. Includes up to 4 days of pressure and temperature history graphs.
  - Digital temperature controller with alarms
  - Seal Timer
  - Conveyor advance delay timer
  - Manual / Auto mode
  - Complete manual control of all individual functions for set up
  - Conveyor speed control
  - Conveyor jog
  - Low air pressure machine cycle stop
  - System auto start-up-activates stations in sequence during initial start
  - System auto unloading-deactivates stations in sequence to clear machine of packages
  - Machine diagnostics with difficulty location
  - On-screen system errors for troubleshooting
  - Last 7-days alarms stored and displayed with time and date stamp
  - Electrical parts page(s)
  - Pneumatic parts page(s)
  - Mechanical parts page(s)
- ★ Two-position START/STOP system for Auto Mode
- ★ Emergency STOP push button
- ★ Safety swing gate on rotary switch at exposed entrance and exit of feeders exposed to operator loading stations
- ★ Safety lift/swing gate at sealing press entrance if exposed and lift gate at press exit
- ★ CNC machined aluminum sealing fixtures with fixed card locating pins
- ★ Double acting sealing press, top press 2 x 6" pneumatic cylinders & lower press 2 x 8" cylinders
- ★ Upper sealing cylinder stroke adjustable by proximity sensor to improve cycle speed / reduce air consumption
- ★ Quick change mounting for optional relieved face plates
- ★ Heater cartridge failure detection with on-screen alarm and mapping
- ★ Automatic conveyor advance, cam index drive with variable speed AC variable frequency controller
- ★ Automatic feeder for blisters with quick-change mounting for magazine and vacuum plate
- ★ Automatic feeder for cards with quick-change mounting for magazine and vacuum plate
- ★ Central miss-feed sensor on vacuum system for automatic feeding stations
- ★ Quick-connect vacuum tubing fittings on all feeders
- ★ Gravity drop type Finished Package Unloading System
- ★ Vacuum Pump with surge tank
- ★ Filter installed in each vacuum line

- ★ Filter, Regulator & Pressure gauge & lubricator installed on airline
- ★ Hot plate insulator
- ★ Safety pressure relief valve on emergency
- ★ Easy machine access for tooling changeover or maintenance
- ★ Welded heavy-wall steel tube construction
- ★ Steel components powder coated blue color

## **Specifications**

Electrical:	208-230 Volts / 3 PH / 50 Amps
Control:	24 Volts DC
Heating system:	Cartridge type 8.4 KW
Air cylinder bore size (top):	2 @ 6"
Air cylinder bore size (bottom):	2 @ 8"
Maximum air consumption per cycle:	3.4 scf @ 100 psi
Nominal seal area:	14" x 28"
Maximum Sealing force:	5650 lbs. @ 100 psi air
Air inlet size:	¾" NPT female
Open loading stations:	7
Total number of sealing fixtures:	30
Maximum blister depth:	3.25" – See note #1
Cycle speed:	Variable 1 to 18 on average
Approximate dimensions:	228"W x 60"D x 67"H
Working Height:	40.0"
Approximate weight:	5000 LB.
Note #1: For blisters over 2.5" deep consult factory for review of blister placement and design for feeding considerations.	

## **Machine Footprint**



## **Series Description**

Starview's CBS Series Automated Inline Conveyor type blister sealing machines are ideal for high volume or JIT production. Given the proper conditions these machines are capable of up to 20 cycles per minute in production. The Automated Inline Conveyor blister sealing machines are built with the capability to feed blister(s), blister card(s) and discharge finished packages when proper tooling is installed. With seven (7) open loading stations these machines are ideal for automated product loading or where multiple items are to be placed in a single package. Machines with other sealing areas and different numbers of stations are also available. Also see Starview's BSC Series for Carousel style machines.

---

## **Machine Operation**

An accurate cam drive indexer is used for precision sealing fixture position repeatability. Sealing fixture advancement speed is adjustable. The time interval at which the sealing fixtures index is also adjustable to pace the operator(s) who load product(s) as they pass the open stations. Blister(s) and blister card(s) are fed from easily loaded quick-change feeder magazines. Sealing is automatic and is controlled by the PLC seal timer. Finished packages are automatically gravity drop discharged from the machine. All CBS Series machines feature automatic system start-up where the stations are turned on at the appropriate interval and an automatic system clear that deactivates the stations in the reverse order. This saves manually turning on each function until all of the sealing fixtures are full.

---

*Prices and specifications are subject to change without notice.*



**704 Executive Blvd., Valley Cottage, NY 10989**