



***Machine Quotation and Specification
Model ERB6-1418***



ERB6 Rotary Blister Sealing Machine

Experience the Starview Advantage:

- **A wide range of standard and custom features available to match customer requirements.**
- **ANSI Class 4 machine safety for operator protection.**
- **Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.**
- **A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.**
- **Uses quick-change cost effective multi-ply hardwood or durable aluminum tooling.**
- **AC Variable frequency precision cam index rotary table drive for smooth table operation and position repeatability.**

- **Starview's exclusive selectable sealing station program allows the use of one (1) through six (6) sealing fixtures with operator selected start position from the HMI for short runs or single person operation.**
- **Optional self-standing card feeder and finished package unloader may be added at any time to increase the machine versatility and lower labor costs.**
- **Industry leading design, construction, features and customer support.**

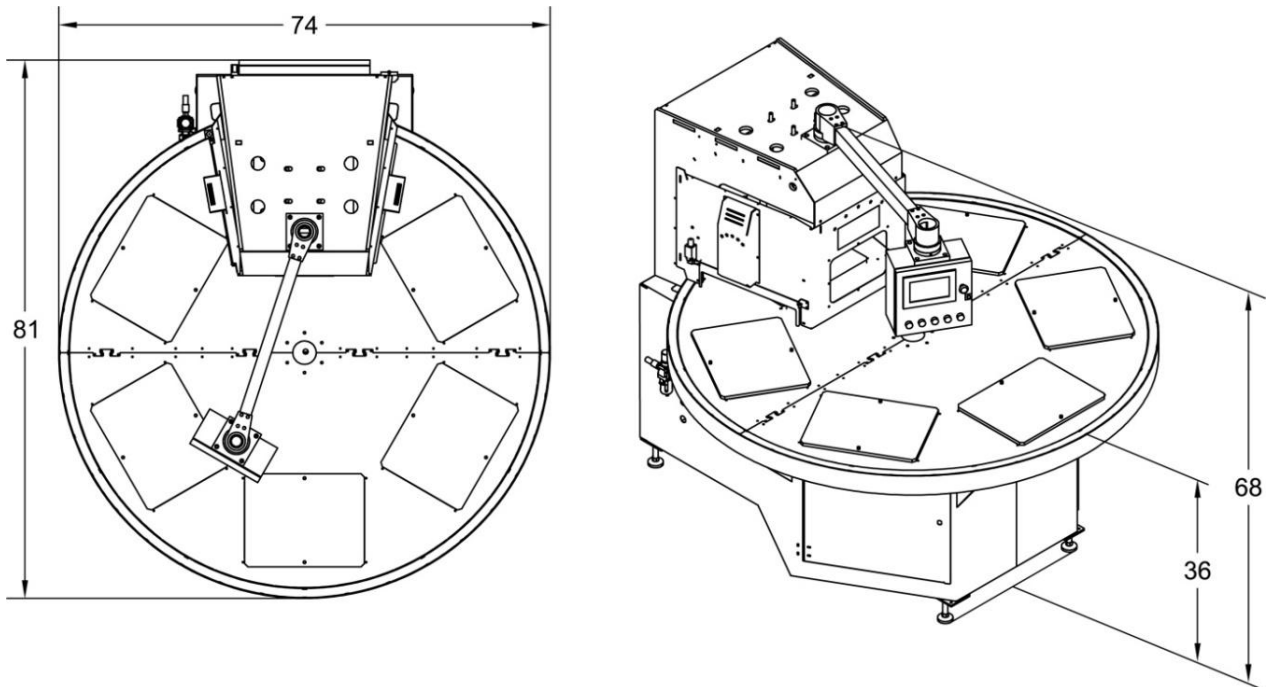
Standard Features

- ★ Programmable logic control (Omron)
 - Intelligent system that allows changes or upgrades from Starview provided flash memory
 - Ethernet connection to HMI allows remote access to screens and PLC functions 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
 - Digital temperature controller on screen display in degrees Fahrenheit or Celsius with alarms
 - Seal Timer
 - Table speed control
 - Table rotation delay timer
 - Manual / Auto / Single cycle modes
 - Complete manual control of all individual functions for set up
 - Table jog
 - Machine diagnostics with difficulty location
 - Preprogrammed for optional card feed and package unloading systems
 - 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
- ★ Class 4 pneumatically operated and interlocked lift/swing gates on right and left-hand sides of sealing press
- ★ Hot plate insulator
- ★ Easy access through hinged sealing press door with E-stop safety switch for tooling changeover or maintenance
- ★ Teflon sheet covered sealing plate
- ★ Optional quick-change mounting for relieved face plates
- ★ Automatic turntable, cam index drive with variable speed AC variable frequency controller
- ★ Rotary table perimeter safety guard
- ★ Base machine pre-wired, plumbed and programmed to accept optional card feeding and finished package unloader
- ★ Filter, Regulator & Pressure gauge installed on airline
- ★ Airline safety shut-off valve with lockout depressurizes machine pneumatic system
- ★ Welded heavy-wall steel tube construction
- ★ Steel components powder coated blue color

Specifications

Electrical:	208-230 Volts / 1 PH / 25 Amps
Control:	24 Volts DC
Heating system:	Cartridge type 4.8 KW
Pneumatic cylinder bore size:	1 @ 6"
Maximum air consumption per cycle:	1.1 scf @ 100 psi
Self-standing Card Feeder air consumption per cycle:	0.5 scf@100 psi
Self-standing Finished Package Unloader air consumption per cycle:	0.5 scf@100 psi
Nominal seal area:	13" x 17"
Maximum Sealing force:	2900 lbs. @ 100 psi air
Air inlet size:	3/8" NPT female
Open loading stations:	5
Standard blister depth:	3.25"
Standard allowable blister back upward projection:	2.25"
Cycle speed:	Variable 1 to 15 on average
Approximate dimensions:	81"D x 74"W x 68"H
Working Height:	36.0"
Approximate weight:	1,300 LB.

Machine Footprint



Series Description

Starview's **ERB Series** rotary type heat sealers are designed for medium to higher volume production requirements. These machines may be used for conventional carded blisters, trapped blisters, club store trapped packages, full face blisters and half-clamshell styles as well as applications using Tyvek, foils and other heat sealable lidstock. The **ERB Series** units are available in six (6) and eight (8) station designs. Models are available in standard sealing areas of 14 x 18 and 18 x 24 inches. Larger sealing areas are available on request. The standard machines feature one sealing station with the remaining stations used for load/unload stations.

For machines capable of higher production rates and advanced automation features please consider Starview's **FAB, BSC & CBS Series**.

Machine Operation

An accurate cam drive indexer is used for precision table position repeatability. Table speed is adjustable. The time interval at which the table indexes (table rotation delay) is also adjustable to pace the operator(s) who load the blister(s), product(s) and card(s) and unload the sealed packages as they pass each respective open station. Sealing is automatic and is controlled by the PLC seal timer.

Optional Automation

Starview's ERB Series rotary heat sealers are designed to include an optional automatic card feeding system and automatic package discharge system. Our modular plug and play type design allows these units to be added to existing ERB Series machines at any time. Machines may be ordered without these options when lower production rates are needed. As production requirements increase these options can be ordered and user installed to provide increased productivity.
