

# Aergo<sup>®</sup> 8

## Blister Packaging Machine

**ALLOYD**  
A TOPPAN COMPANY

### Standard Features

#### Sealing Capability

- Eight nesting trays
- 12" x 18.5" seal area per tray
- Sealing press with one 8" bore cylinder
- 3900 watt single phase/single element heater in cast aluminum platen
- Heater temperature range from ambient to 550°F

#### Productivity

- Automatic feed/seal/eject operation
- 4-20 cycles per minute machine operation (production speed dependent upon several variables)
- Four product load stations
- 2 automatic feed stations for packaging materials (blister, cards)
- Feed stations are reload able during machine operations.
- Quick-change seal tooling speeds product changeovers
- Auto start-up/Auto-purge via touchscreen control panel
- 50 sq. in. = maximum total effective seal area for one or multiple packages in a single tray
- Variable-speed AC drive

#### Reliability

- Robust, tubular steel welded frame
- CAMCO\* Index Drive System with overload clutch.
- 5 year limited new equipment warranty
- Gray "steel-it" paint for durable surface protection
- Machine frame leveling pads

#### Operator Controls

- Allen Bradley CompactLogix programmable logic controller (PLC)
- Allen Bradley PanelView color HMI touch screen

#### Operator Safety and Convenience

- Heat seal cylinder lock up
- Turntable overload alert system
- Lock-out/Tag-out (LOTO) ready
- 3 E-Stop buttons
- Operator foot rest with non slip mat
- 36" turntable height with ample knee room
- EasyLock heat plate mounting system (Previous style mounting still available)
- Signal Light tower
- Password protected HMI screens
- Recipe management system
- Touchscreen maintenance alerts
- Machine production counter
- Machine cycle counter

- 24 VDC machine control circuit
- Programming ports
- System air dump on E-stop
- Guard doors with safety interlocks
- Vacuum loss detection
- Audible machine-start-up warning

### Optional Features

#### Options and Accessories

- Auxiliary feed stations for blisters or cards
- Anti-fatigue floor mats
- Automatic heat plate exchange system (ATEX)
- Feed station magazine guards
- Heater alignment fixture
- Heater burnout alarm
- Heat seal station short stroke
- Interior lighting
- Nesting tray adaptors for 12" x 16" tooling
- Non standard voltage options
- Overhead canopy lighting
- Second thermocouple
- Transfer eject
- Validation ports to access actual sealing parameters for process validation
- Annunciated safeties
- Polycarbonate doors
- NIST certified traceable instrumentation for process control
- Previous style heat plate mount



### Eight-station Rotary

The Aergo 8 sets a new standard for productivity, reliability and operator safety for retail blister packaging. This feature-rich Blister Packaging Machine bundles together many standard features and offers a range of valuable options, such as an automatic heat plate exchange (ATEX) system that eliminates manual heat plate changeovers, while ensuring precise heat plate positioning for more consistent heat distribution.

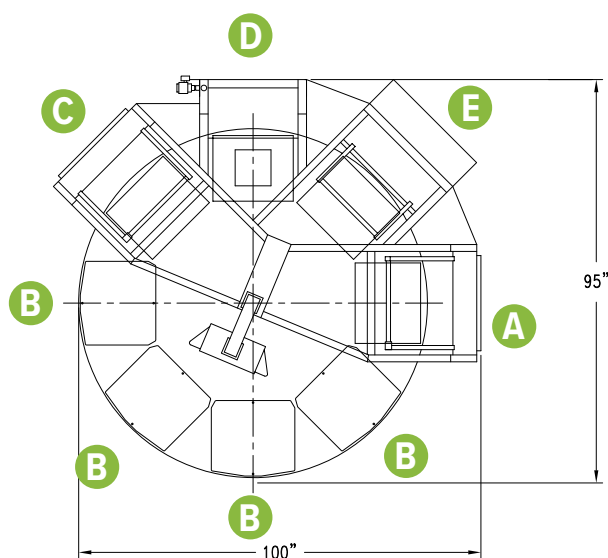
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TOPPAN Alloyd 1401 Pleasant Street DeKalb, IL 60115 800-756-7639 [www.alloyd.com](http://www.alloyd.com)

### Machine Floor Plan



- A** – Blisters feed automatically into nesting tray
- B** – Operator loads products into blisters
- C** – Cards feed automatically into nesting trays
- D** – Blisters are automatically heat-sealed
- E** – Blisters are automatically ejected



### Standard Features

Machine type	Rotary/Turntable
Number of nesting trays	8
Product load stations	4
Automatic feed stations	2
Seal area	12"x 18.5" (30 cm x 47 cm)
Maximum form depth	3"
<b>Sealing Unit</b>	
Heater capacity	3.9 KW 3900 watt
Air cylinders for press	1 NFPA compliant
Bore diameter	8" (20 cm)
Maximum total effective seal area (@ 100 psi)	50 sq. in.
Operating temperature range	Ambient – 550°F (22°-288°C)
<b>Machine Controls</b>	
Processor	Allen Bradley Compactlogix PLC
Operator interface	Allen-Bradley PanelView Plus color HMI touchscreen
<b>Electrical</b>	
Volts	208/230 VAC
Amps	35
Cycles	50/60 Hz
Phase	3
<b>Compressed Air</b>	
Volume	36 CFM @ 20 cpm (0.67 m3/min)
Pressure	100 psig (7 kg/cm2)
Exhaust filter with silence/mist eliminator	.01 micron
<b>Vacuum System</b>	Electric 1-1/2 HP
<b>Machine Dimensions</b>	
Machine height	87" (220.98 cm)
Product load station height	36" (89 cm)
Machine width	100" (254 cm)
Machine depth	95" (269 cm)
Machine weight	3,900 lb. (1,360 kg)
<b>Operator Safety</b>	
Emergency-stop push buttons	3
Guarding	Polycarbonate doors with electric safety interlocks
Noise emission	<80 db
Preventive features	Heat seal press lock up Lock-out/Tag-out (LOTO) ready Password protected HMI screens Air pressure switch

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