

Aergo[®] 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.

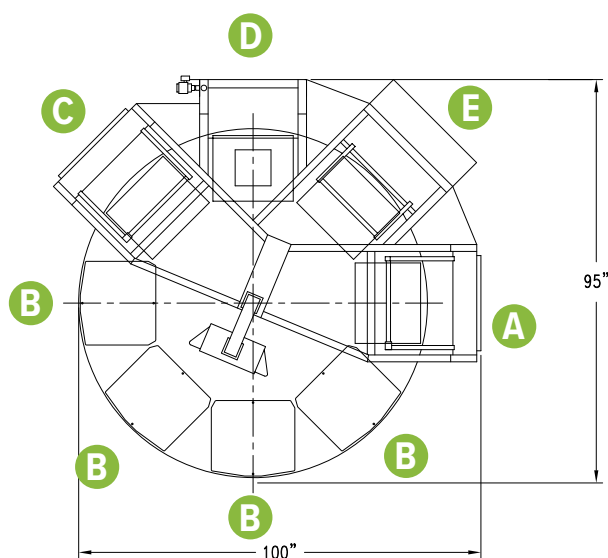
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Machine Floor Plan



- 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"
Sealing Unit	
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)
Machine Controls	
Processor	Allen Bradley Compactlogix PLC
Operator interface	Allen-Bradley PanelView Plus color HMI touchscreen
Electrical	
Volts	208/230 VAC
Amps	35
Cycles	50/60 Hz
Phase	3
Compressed Air	
Volume	36 CFM @ 20 cpm (0.67 m3/min)
Pressure	100 psig (7 kg/cm2)
Exhaust filter with silence/mist eliminator	.01 micron
Vacuum System	Electric 1-1/2 HP
Machine Dimensions	
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)
Operator Safety	
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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