

Aergo® 6

Blister Packaging Machine

SONOCO
ALLOYD

Standard Features

Sealing Capability

- Six nesting trays
- 12" x 16" seal area per tray
- Heater temperature range from ambient to 550°F.
- 3900 watt single phase/single element heater in cast aluminum platen
- Sealing press with 6" bore cylinder

Productivity

- Automatic seal/eject operation
- 4-20 cycles per minute machine operation (production speed dependent upon several variables)
- 4 product load stations
- Quick-change seal tooling speeds product changeovers
- Auto start-up/Auto-purge via touchscreen control panel
- 28 sq. in. = maximum total effective seal 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" painted frame and guarding for durable surface protection
- Machine frame leveling pads

Operator Controls

- Allen Bradley MicroLogix PLC
- Allen Bradley PanelView color HMI touchscreen
- 5 port EtherNet switch

Operator Safety and Convenience

- EasyLock heat plate mounting system
- Turntable overload alert system
- Guard doors with safety interlocks
- Lock-out/Tag-out (LOTO) ready
- 3 E-stop buttons
- 36" turntable height with ample knee room
- Password protected HMI Screens
- Machine production counter
- Machine cycle counter
- 24 VDC machine control circuit
- Programming ports

- System air dump on E-stop
- Audible machine start up warning tone
- Vacuum loss detection
- Heat seal cylinder lock up

Optional Features

Options and Accessories

- Automatic feeding capabilities for blisters and/or cards
- Heater alignment fixture
- Heater burnout alarm
- Heat seal station short stroke feature
- Non standard voltage options
- Validation ports to access actual sealing parameters for process validation
- Interior lighting package
- Second thermocouple
- Signal light tower
- Transfer eject
- Annunciated safeties
- Polycarbonate feeder and heat seal doors
- NIST certified traceable instrumentation for process control



Versatile Machine for Efficient Productivity

The Aergo® 6 heat seal, entry level rotary machine is Alloyd's base equipment model for automatic sealing. With one heat seal station and one eject station (both standard), the Aergo 6 is ideal for a wide range of market segments including HBA, electronics, writing and stationery, hardware, mobile devices, pet care, housewares, automotive and other markets requiring high-volume capacity with frequent changeovers. And with optional additional feeders, this machine can accommodate all styles of heat seal packaging.



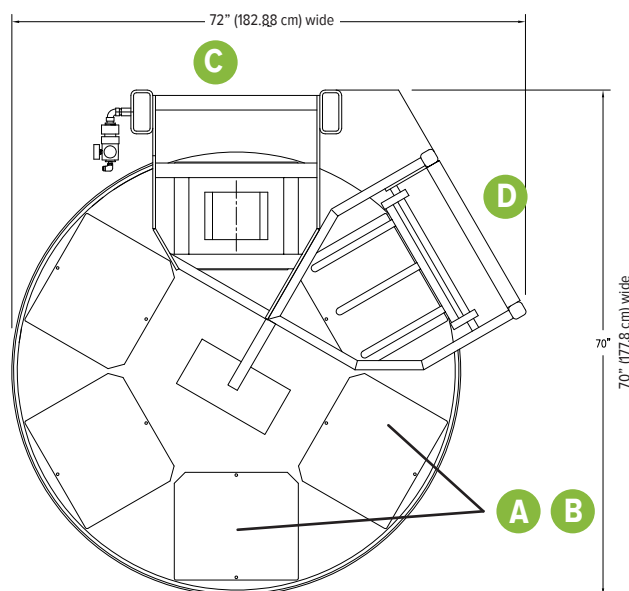
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Machine Floor Plan



- A – Operators place blister in nesting trays
- B – Operators load product and place card
- C – Packages are automatically sealed
- D – Packages are automatically ejected

Sonoco Alloyd Heat Seal Tooling

To ensure automatic feed and consistent seal quality, Alloyd heat seal tooling is built to the same or trays. Designed and manufactured in-house, all tooling components are tested to ensure quick installations and trouble-free changeovers. Common heat seal tools can be designed to seal dozens of differently shaped products in Alloyd blisters on Alloyd machines. It's an Alloyd exclusive.

Standard Features

Machine type	Rotary/Turntable
Number of nesting trays	6
Seal area	12" x 16" (30 cm x 41 cm)
Maximum form depth	3"
Sealing Unit	
Operating temperature range	Ambient to 550°F (0° – 288°C)
Heater capacity	3.9 kW
Maximum effective total seal area	28 sq. in.
Air cylinder for press	1 NFPA compliant
Bore	6"
Machine Controls	
Allen Bradley MicroLogix PLC	
Allen Bradley PanelView color HMI touchscreen	
5 port EtherNet switch	
Vacuum System	
Air operated venturi vacuum generator	
Electrical	
Volts	208/230 VAC
Amps	Approx. 38 FLA @ 230 VAC
Cycles	50/60 Hz
Phase	3
Compressed Air	
Volume	20 CFM @ 20 cpm
Pressure	100 psi
Exhaust filter with silencer/mist eliminator	.01 micron
Machine Dimensions	
Machine height	65" (165.10 cm)
Machine width	72" (182.88 cm)
Machine depth	70" (177.8 cm)
Machine weight	2200 lbs (1000kg)
Operator Safety	
E-stop buttons	3
Guards	Guard door with electrical 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

Sonoco Alloyd reserves the right to modify machine specifications and components without prior notice.

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