![ALGUS PACKAGING, INC logo]

modular functionality in a medical version

The U8M is designed for a broad range of applications for the medical device, pharmaceutical and related industries. The U8M can be used for carded pill packs, clinical trial, unit dose, foil lids, specialty films, conventional carded blister packs and custom sealing.

Providing the flexibility that optimizes performance and investment cost. Our unique modular design allows for multiple machine configurations, alterations and expansions based upon your unique needs and growth. Servo operated modules allow for "plug and run" reconfiguration without requiring any change to the other modular units.

Shown with Optional Accessories

operation at a glance

- Tray feed automatically into nesting trays

- Operator loads product into tray (4 positions)

- Lid stock is automatically heat sealed to trays flange only

- Suction cups lift the packages from the nesting tray and place them face down onto customer's take-off conveyor or table

- Use for face seal blister packs, trapped blister (double card)

features at a glance

- 12" x 18.5" Sealing capacity
- Modular "plug and run" satellites
- Servo controlled turn-table
- Safety interlocked guards
- White powder coat finish with stainless steel access doors and panels
- Transfer eject
- Quick change tooling
- Casters for portability
- 4 open product load stations
- Full PLC control with 8" touch panel
- Digital temperature control
- Digital seal contact timer
- Adjustable sealing pressure
- Electronic adjustment of seal head pressure
- Emergency stop switches
- 5 – 23 cycles per minute
- Production rates from 16,000 to 96,000 packages per shift

benefits at a glance

- Reduced operator fatigue
- Reduced repetitive motion injury liability
- Simpler change-over due to modular stations and quick change tooling system

- Easy tool changeover assures maximum up-time
- Operator safety features standard on every machine
- Feed stations are reloadable during machine operations

Machine Type	Modular Rotary
Number of Product Nesting Trays	8
Seal Area	12" x 18.5"
Sealing Unit	
Operating Temperature Range	70˚ – 600˚F
Heater Capacity	3.9 kW 3900W
Machine Controls	Digital Temperature Control and Seal duration timer set via HMI with .1 increments
Electrical	
Volts	208/230 VAC
Amps	50
Cycles	60 Hz
Phase	3
Cycle Speed	5-23 cycles/minute
Compressed Air	captured, filtered exhaust
Volume	20 SCFM @ 20 cpm at 100 psi
Air Cylinder for Press	1
Bore Diameter	8"
Maximum Form Depth	3 1/4"
Machine Dimensions	
Machine Height	72"
Machine Width	102"
Machine Depth	96"
Product Load Station Height	38"
Shipping Weight	4000 lb.
Operator Safety	
Controls	3 Emergency Stop Push Button
Guarding and Interlocks	Metal/Lexan™ Door with Positive Break Electrical Safety Interlocks

＊Algus reserves the right to modify equipment specifications without prior notification.

Machine Floor Plan

102"
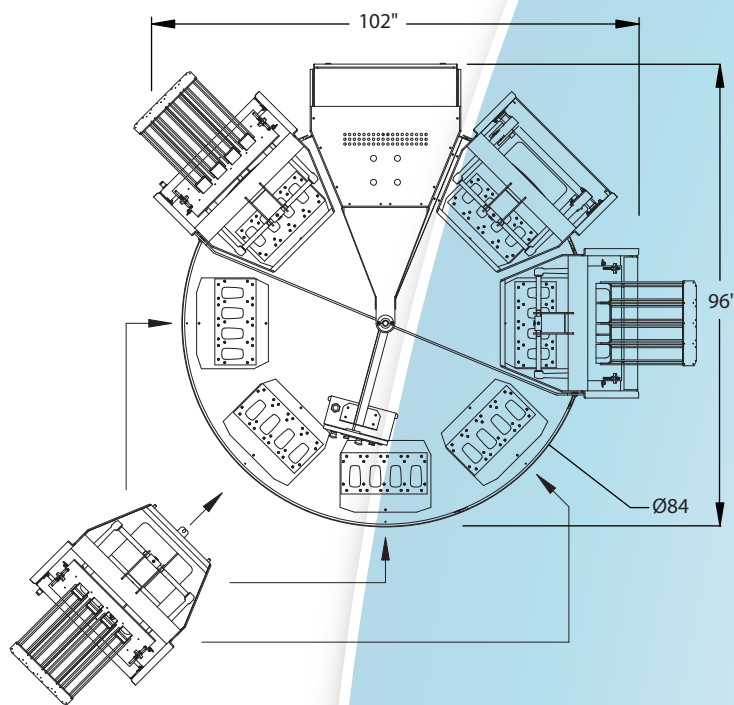96"
Ø84

Algus Heat Seal Tooling

To ensure consistent seal quality, Algus heat seal tooling is built to the same specifications used to manufacture the equipment.

Designed and manufactured in-house, all tooling components are tested to ensure quick installations and trouble-free changeovers.

If you have questions concerning our high performance sealing machines please contact us at the following:

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ALGUS
PACKAGING, INC.

Accessories/Optional Features

- Heat plate change-over assist
- Heat seal tooling
  - 8 product nesting trays
  - Blister and card magazine
  - One blister plug rack
  - Card eject suction rack
  - One heater plate (Seal Die)
- Teflon® coating for seal die
- Anodized tooling and machine components
- PLC control with data acquisition
  - Time, Temperature and Pressure monitor
  - Alarm systems
- Barcode verification system with optional reject system
- Cylinder air exhaust filter
- Machine status light tower
- Plastic welding systems
  - Radio-Frequency sealing (RF)
  - Ultrasonic sealing
  - Hot-Cold sealing
- Eject Systems
  - Hand-off eject
  - Pick and place
- Modular Satellite Systems
  - Inserts or double cards
  - Foldover card
  - Clamshell closing
  - Product loading
- Lotcode printing
  - Laser System
  - Inkjet System
- FDA Compliance

MEMBER
PMMI