



modular functionality streamlines your workflow

The U8 was engineered to offer you maximum flexibility. Our unique modular design allows for multiple machine configurations, alterations and expansions based upon your unique needs and growth. Quick set-up maximizes production time. Our expert team offers the training and support needed to help guarantee your success. The U8 is the machine to take your company's production to the next level.



operation at a glance

- Blister and cards feed automatically into nesting trays
- Operator loads product into blister (4 positions)
- Card is automatically heat sealed to blister on flange only
- Suction cups lift the packages from the nesting trays and place them face up on the eject slide for movement to 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" feeders
- Servo controlled turn-table
- Safety interlocked guards
- Quick accurate change-over
- 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
- Emergency stop switches
- 5 – 23 cycles per minute
- Production rates up to 100,000 packages per shift

benefits at a glance

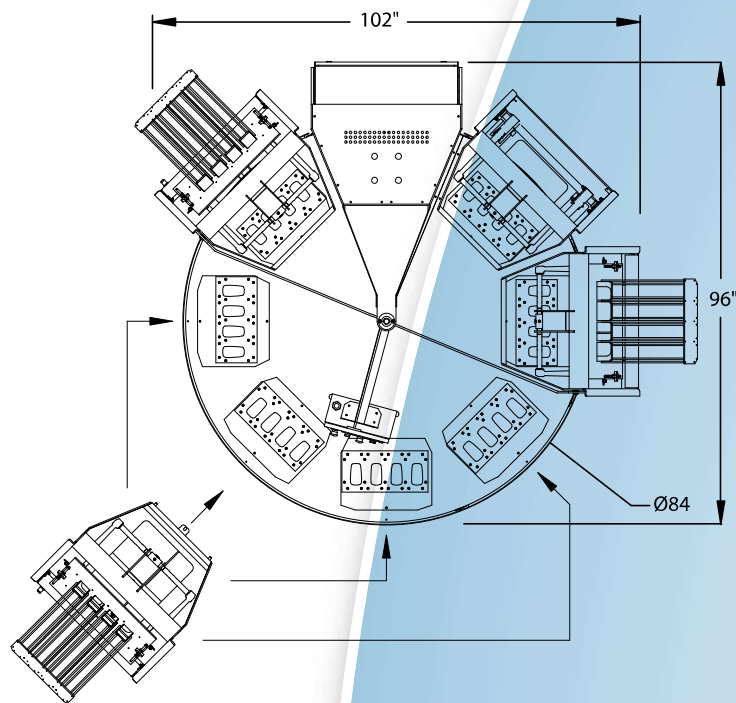
- Reduced operator fatigue
- Reduced repetitive motion injury liability
- Simpler change-over due to modular stations
- Easy tool changeover assures maximum up-time
- Operator safety features standard on every machine
- Feed stations are reloadable during machine operations

SPECIFICATIONS*— Universal (U8) Packaging System

Machine Type	Modular Rotary
Number of Product Nesting Trays	8
Seal Area	12" x 18.5"
Sealing Unit	
Operating Temperature Range	32° – 700°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	40
Cycles	60 Hz
Phase	3
Cycle Speed	5-23 cycles/minute
Compressed Air	
Volume	12 SCFM @ 20 cpm at 100 psi
Air Cylinder for Press	1
Bore Diameter	6"
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



Accessories/Optional Features

- Modular feeders for inserts or double cards
- Heat plate change-over assist
- Heat seal tooling
 - 8 product nesting trays
 - blister and card magazine
 - one blister plug rack
 - one heater plate
- Quick Change tooling
- PLC control with data acquisition
 - Time
 - Temperature
 - Pressure monitor
 - Alarm systems
- Teflon® coating for heater blocks
- Anodized tooling components
- Over size 8" seal cylinder
- Cylinder air exhaust filter
- Machine status light tower
- Plastic welding systems
 - Radio-Frequency sealing (RF)
 - Ultrasonic sealing
 - Hot-Cold sealing
- Eject Systems
 - Transfer eject
 - Hand-off eject
 - Pick and place

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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