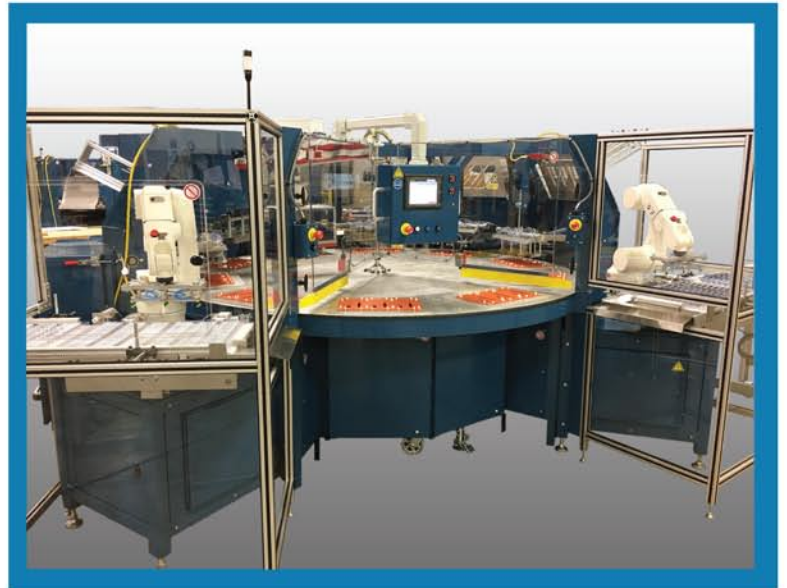**ALGUS** PACKAGING, INC

additional stations for more flexibility & productivity

The Universal 10 is the latest evolution in our modular blister seal machine family. The 2 additional stations allow for greater integration and automation without sacrificing the number of operator load stations. Now you can integrate robotics, date/lot code printing, insert and product feeding and application of anti-theft devices. Our expert team offers the training and support needed to help guarantee your success. The U10 is the machine that meets tomorrows demands today.

U10 Shown with Optional Robotic Product Feeders, Secondary Card Feeder, Bar Code Reader and Date/Lot Code Laser Printer

operation at a glance

- Blisters are fed automatically into nesting trays

- Operator loads product into blister (up to 6 positions)

- Cards are fed automatically into nesting trays

- Heat seal press seals the cards to the blisters

- Eject station removes finished packages from machine

features at a glance

- Sealing capacity - 12" x 18.5"
- Modular "plug and run" feeders
- Servo controlled turn-table
- Safety interlock guards
- Quick accurate change-over
- 6 open product load stations
- Full PLC control with 8" touch panel
- Digital temperature control
- Digital seal contact timer
- Adjustable sealing pressure
- Emergency stop switches
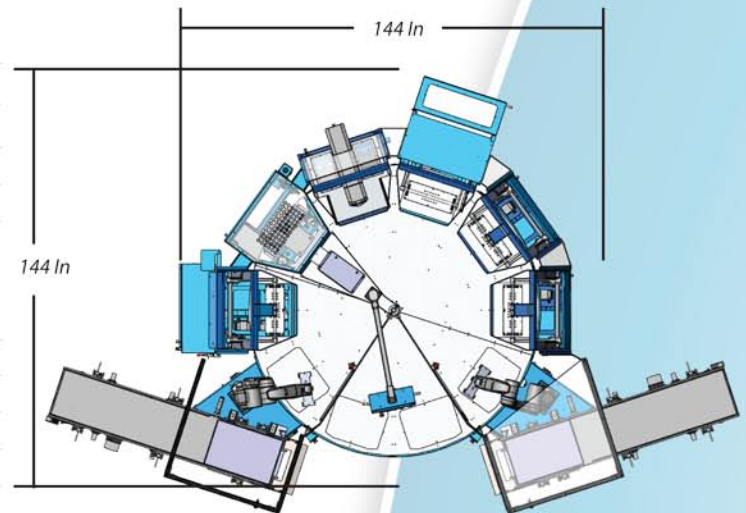- 5-20 cycles per minute

benefits at a glance

- Automated blister & card feeding
- Easy to use touchscreen controls
- Designed to accomodate 24/7 operation

- Quick tool changeover assures maximum up-time
- Category 3 safety circuits
- Feed stations are reloadable during machine operations

SPECIFICATIONS*--Universal 10 (U10) Packaging System

Machine Type	Automatic Rotary
Number of Product Nesting Trays	10
Seal Area	12" x 18.5"
Sealing Unit	
Operating Temperature Range	Up to 600°F
Heater Capacity	3900W
Machine Controls	Omron NJ-Series with 8" operator interface (touchscreen)
Electrical	
Volts	208/230 VAC
Amps	50
Cycles	50/60 Hz
Phase	3
Cycle Speed	5-20 cycles/minute
Compressed Air	
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	144"
Product Load Station Height	38"
Machine Depth	144"
Shipping Weight	3200 lb.
Operator Safety	
Controls	Cat 3/PLd Safety Circuits
Guarding and Interlocks	Metal/Lexan™ Door with Positive Break Electrical Safety Interlocks

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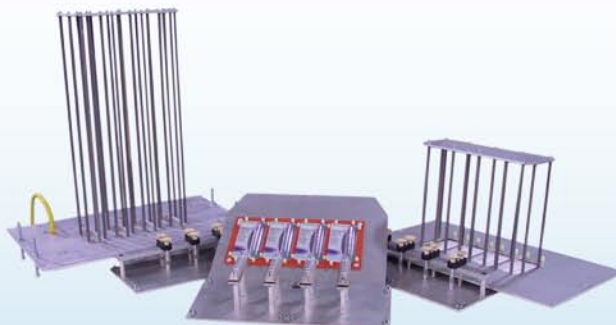
Machine Floor Plan

144 In

144 In

Dimensions do not include optional accessories such as robotic product feeders

Accessories/Optional Features

* Heat seal tooling
  – 10 product nesting trays
  – blister and card magazine
  – one blister plug rack
  – one card suction rack
  – one heater plate
  – one eject suction rack
* Alarm systems
  – Time
  – Temperature
  – Pressure monitor
* Data acquisition
* Multi-Language prompts
* Barcode scanning
* Teflon® coating for heater blocks
* Anodized tooling components
* Cylinder air exhaust filter
* Eject
  - Transfer Eject
  - Hand-off Eject
* Product/Insert Feeder
  - Modular Pick & Place
  - Robotic Load

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.

Heat seal tooling for retail blister packaging

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

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