

Universal 16 (U16) Carousel Packaging System



Carousel design with flexibility

The U16 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 U16 is the machine to take your company's production to the next level.



Shown with Optional Accessories

operation at a glance

- Blisters are fed automatically into nesting trays
- Operator loads product into blister
- Cards are fed automatically into nesting trays
- Heat seal press seals the cards to the blisters
- Transfer Eject removes finished packages from the machine & places them face down on your conveyor
- Multiple configurations are possible by moving stations or adding additional stations

features at a glance

- 18" x 26" Sealing capacity
- Modular "plug and run" feeders
- Servo controlled drive
- Safety interlocked guards
- Quick accurate change-over
- 36" wide product load stations
- Full PLC control with 15" touchscreen
- Temperature controlled through touchscreen
- Seal time controlled through touchscreen
- Adjustable sealing pressure
- Emergency stop switches
- 5 – 15 cycles per minute
- Large seal area ideal for club pack

benefits at a glance

- Modular design - maximum flexibility
- Easy to use touchscreen controls
- Designed to accommodate 24/7 operation
- Quick tool changeover assures maximum up-time
- Category 3/PLD safety circuits
- Feed stations are reloadable during machine operations

SPECIFICATIONS* — Universal U16 Carousel Packaging System

Machine Type	Carousel
Number of Product Nesting Trays	16
Seal Area	1 8 " x 26"
Sealing Unit	
Operating Temperature Range	Up to 600° F
Heater Capacity	9600 Watts
Machine Controls	Omron NJ series with 15" operator interface
Electrical	
Volts	208/230 VAC
Amps	60 (will vary with options)
Cycles	60Hz
Phase	3
Cycle Speed	5-15 cycles/minute
Compressed Air	
Volume	35 SCFM @ 15 cpm at 90 psi
Air Cylinder for Press	1
Bore Diameter	10"
Maximum Form Depth	3 1/4"
Machine Dimensions	
Machine Height	74"
Machine Width	102"
Machine Length	336"
Product Load Station Height	38"
Shipping Weight	6500 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.

Algus Heat Seal Tooling

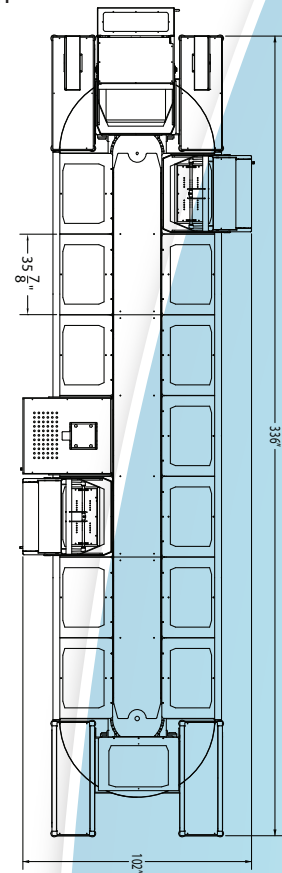
To ensure consistent seal quality, Algus heat seal tooling is built to the same specifications used to manufacture the equipment. Designed and manufactured in-house, all tooling components are tested to ensure quick installations and trouble-free changeovers.

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

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Machine Floor Plan



Accessories/Optional Features

- Heat plate change-over assist
- Heat seal tooling
 - 16 product nesting trays
 - Blister and card magazine
 - One blister plug rack
 - Card, eject suction rack
 - One heat plate (Seal Die)
- Teflon® coating for seal die
- Anodized tooling components
- PLC control with data acquisition
 - Time, Temperature and Pressure monitor
 - Alarm systems
- Barcode verification system with optional reject system
- Product presence verification
- Lower seal press anvil
- Plastic welding systems
 - Radio-Frequency sealing (RF)
 - Ultrasonic sealing
 - Hot-Cold sealing
- Eject Systems
 - Transfer eject (std)
 - Hand-off eject
 - Pick and place
- Modular Satellite Systems
 - Inserts or double cards
 - Foldover card
 - Clamshell closing
 - Product loading
- Lot code printing
 - Laser System
 - Inkjet System
- Robot Integration

