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.

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**Carousel design with flexibility**

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**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 8” touch panel
- Digital temperature control
- Digital seal contact timer
- Adjustable sealing pressure
- Emergency stop switches
- 5 – 20 cycles per minute
- Large seal area ideal for club pack

**operation at a glance**

- Blisters and cards feed automatically into nesting trays
- Operator loads product into blister
- 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)

**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 U16 Carousel Packaging System

<table>
<thead>
<tr>
<th>Machine Type</th>
<th>Carousel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Product</td>
<td></td>
</tr>
<tr>
<td>Nesting Trays</td>
<td>16</td>
</tr>
<tr>
<td>Seal Area</td>
<td>18” x 26”</td>
</tr>
<tr>
<td>Sealing Unit</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>32˚ – 600˚ F</td>
</tr>
<tr>
<td>Heater Capacity</td>
<td>9600 Watts</td>
</tr>
<tr>
<td>Machine Controls</td>
<td>Omron NJ series with 8” operator interface</td>
</tr>
<tr>
<td>Electrical</td>
<td></td>
</tr>
<tr>
<td>Volts</td>
<td>208/230 VAC</td>
</tr>
<tr>
<td>Amps</td>
<td>60</td>
</tr>
<tr>
<td>Cycles</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Phase</td>
<td>3</td>
</tr>
<tr>
<td>Cycle Speed</td>
<td>5-20 cycles/minute</td>
</tr>
<tr>
<td>Compressed Air</td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>30 SCFM @ 20 cpm at 90 psi</td>
</tr>
<tr>
<td>Air Cylinder for Press</td>
<td>1</td>
</tr>
<tr>
<td>Bore Diameter</td>
<td>10”</td>
</tr>
<tr>
<td>Maximum Form Depth</td>
<td>3 1/4”</td>
</tr>
<tr>
<td>Machine Dimensions</td>
<td></td>
</tr>
<tr>
<td>Machine Height</td>
<td>74”</td>
</tr>
<tr>
<td>Machine Width</td>
<td>84”</td>
</tr>
<tr>
<td>Machine Length</td>
<td>336”</td>
</tr>
<tr>
<td>Product Load Station Height</td>
<td>38”</td>
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<tr>
<td>Shipping Weight</td>
<td>6500 lb.</td>
</tr>
<tr>
<td>Operator Safety</td>
<td></td>
</tr>
<tr>
<td>Controls</td>
<td>Multiple Emergency Stop Push Locations</td>
</tr>
<tr>
<td>Guarding and Interlocks</td>
<td>Metal/Lexan® Door with Positive Break Electrical Safety Interlocks</td>
</tr>
</tbody>
</table>

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

### 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 heater 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
- Lower seal press anvil
- 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
- Modular Satellite Systems
  - Inserts or double cards
  - Foldover card
  - Clamshell closing
  - Product loading
- Lot code printing
  - Laser System
  - Inkjet System

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**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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