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 tomorrow’s demands today.

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 accommodate 24/7 operation
- Quick tool changeover assures maximum up-time
- Category 3 safety circuits
- Feed stations are reloadable during machine operations

• 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

U10 Shown with Optional Robotic Product Feeders, Secondary Card Feeder, Bar Code Reader and Date/Lot Code Laser Printer
SPECIFICATIONS*--Universal 10 (U10) Packaging System

Machine Type
Automatic Rotary
Number of Product
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

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.

Dimensions do not include optional accessories such as robotic product feeders

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