

### high volume functionality streamlines your workflow

Our 20SC Series automated carousel type blister sealing machines are ideal for high volume or just in time production. The 20SC Series automated carousel sealing machines are built with the capability to feed blister(s), blister card(s) and discharge finished packages. With 12 open loading stations these machines are ideal for automated product loading or where multiple items are to be placed in a single package.



20 SC 1216 Carousel Shown with Optional Accessories

### operation at a glance

- Blisters and cards feed automatically into nesting trays
- Operator loads product into blister (12 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 16" Sealing capacity
- Outside insert & blister card loading
- Safety interlocked guards
- Quick accurate change-over
- 12 open product load stations
- Full plc control with encoder, 5" touch panel
- Digital temperature control
- Digital seal contact timer
- Adjustable sealing pressure
- Emergency stop switches
- 5 – 20 cycles per minute
- Hinged metal/lexan service doors for easy access
- Production rates up to 100,000 packages per shift

### benefits at a glance

- Reduced operator fatigue
- Reduced repetitive motion injury liability
- Expand the feeding/loading capacity
- Easy tool changeover assures maximum up-time
- Operator safety features standard on every machine
- Simplifies complex packaging jobs

# SPECIFICATIONS\* 20 SC 1216 Carousel

Machine Type	Carousel
Number of Product	
Nesting Trays	20
Seal Area	12" x 16"
Sealing Unit	
Operating Temperature Range	32° – 700°F
Heater Capacity	3.9 kW 3900W
Machine Controls	Digital Temperature Controller with Auto Tune Digital Timer with .1 Adjust
Electrical	
Volts	208/230 VAC
Amps	35
Cycles	60 Hz
Phase	3
Cycle Speed	5-20 cycles/minute
Compressed Air	
Volume	45 SCFM @ 20 cpm at 100 psi
Air Cylinder for Press	1 top, 1 bottom
Bore Diameter	6"
Maximum Form Depth	3 1/2"
Machine Dimensions	
Machine Height	69"
Machine Width	78"
Machine Depth	232"
Product Load Station Height	38"
Shipping Weight	3800 lb.
Operator Safety	
Controls	5 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.

## Algus Heat Seal Tooling

To ensure consistent seal quality, Algus heat seal tooling is built to the same specifications used to manufacture the equipment.

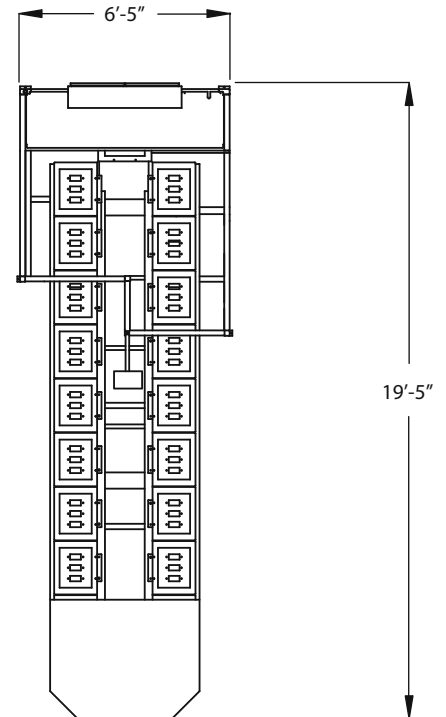
Designed and manufactured in-house, all tooling components are tested to ensure quick installations and trouble-free changeovers.

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 seal tooling
  - 20 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 seal area 12" x 18.5"
- 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

