

# CBS-D 1500M Medical-Grade Continuous Band Sealer.

## 15.00" OF HEAT SEALING SURFACE

### QUALITY, SANITARY CONSTRUCTION

The CBS-D 1500M comes standard with stainless steel construction of the mainframe and bridges. The wide-gap undercarriage plate, constructed from FDA-compliant coated aluminum, reduces headspace requirements allowing for smaller bag tops and material savings. PT-FE-coated fiberglass sealing bands provide superior seals and greatly reduce machine wear and maintenance.

### OPERATOR INTERFACE / PLC

The CBS-D 1500M comes standard with Rockwell CompactLogix PLC and an Allen Bradley Panel View touchscreen HMI, which is capable of rotating 180° (horizontal models only) for use on both sides of the machine. The HMI is used for setting the machine speed, monitoring all sealing parameters and fault conditions, viewing the alarm history with date stamps, and includes a screen for troubleshooting.

### SINGLE-POINT GAP ADJUST

Heating and cooling bars are mounted to a special indexing plate that has a dial indicator readout to allow the bars' spacing from one central point. This eliminates the need to adjust each bar individually, saving time and providing precision adjustments. This feature also reduces wear on the bands and gives more precise control over the appearance of the seal.

### HEATING AND COOLING BARS

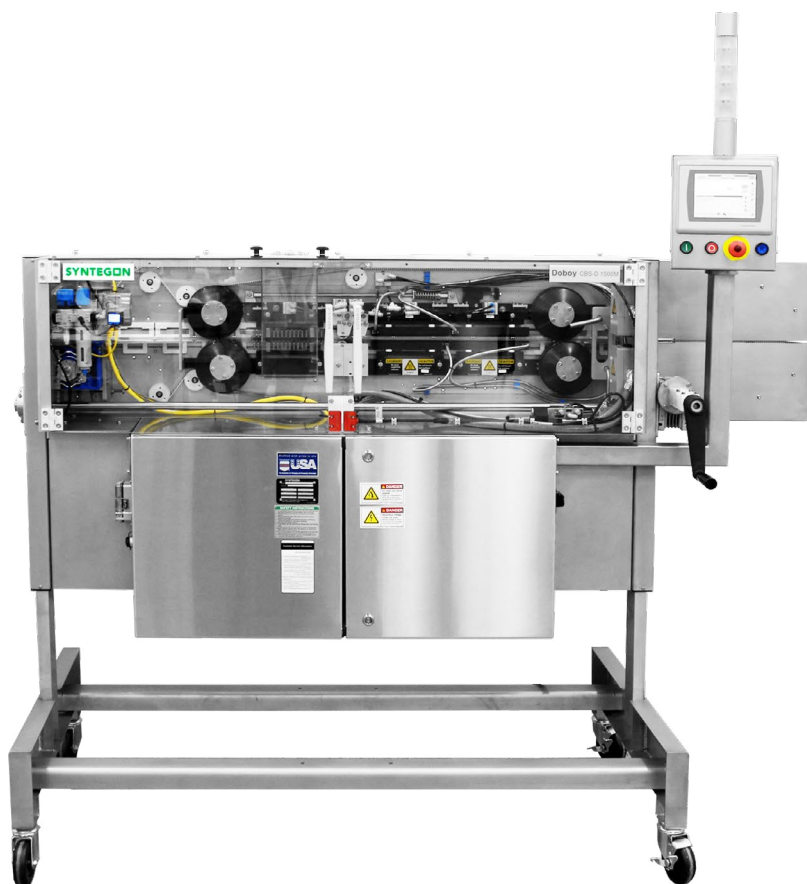
Both the heating and cooling bars have a super hard (60 Rockwell) surface treatment that virtually eliminates wear. Both heating and cooling bars are pneumatically controlled to provide consistent pressure. Air pressure is electronically monitored to assure operation within specified parameters. Air cooling is standard and water cooling is available for heavy gauge materials.

### BAG TOP CONTROL

Full length 12mm (1/2") urethane timing belts grip the bag top and provide positive timing and speed control throughout the entire length of the sealer.

### Your benefits

- Sanitary construction designed specifically for cleanroom environments
- Machine speed is easily adjusted from the control panel with no mechanical parts to adjust
- Deviations from established parameters trigger an alarm and the machine to reverse, clearing all flawed product



# Packaging Line Structure.

Product Handling			Primary Packaging			Secondary Packaging		
Pick & Place	Distribution	Feeding	Flow Wrapping	Vertical Bagging	Bag Sealing	Forming	Closing	Loading

CBS-D 1500M

## Temperature

- CompactLogix PLC-based four zone temperature control with the ability to adjust through different access level of the HMI
- Embedded thermocouples in the heater cartridge provides the most accurate method of sensing bar temperature
- Temperature is electronically monitored to sense any deviations from set points
- J-ports allow for ongoing process checks without stopping production

## Speed

- Digital speed control between 7 - 300m (300 - 1,200") per minute
- Speed is monitored via an encoder for precise control
- High & low speed alarm set points are established through the HMI
- Variable speed AC drive and motor for enhanced accuracy & durability

## Security

- Touchscreen operator interface allows for three user levels
- Fault conditions are listed and date stamped

## Pressure

- Air pressure is applied to the heat bars, compression wheels and cooling bars providing control of the complete sealing process
- Pressure is adjustable via digital display with alarm for low pressure
- Sealing bar gap is mechanically adjustable to eliminate premature sealing band failure

## Optional Features

- Ink jet coders
- Calibrated parts
- DRD Bag top trimmer
- Optional voltages
- Light tower
- Tapered infeed extension
- Extended floorstand for increased elevation range
- Optional seal widths: 9mm (3/8"), 12mm (1/2"), 19mm (3/4")
- Integrated conveyors: 2.5m (8') or 3m (10') with 250mm (10") or 500mm (20") wide belts
- Bag top guide
- Vacuum scrap removal
- High product detection
- Band break detection
- Bag counter

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Subject CBS-D 1500M

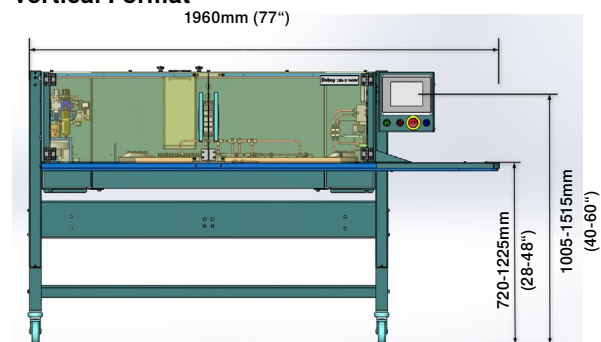
Date 05.2020

Department PAUD/MKT

## Technical Specifications

Machine Size	Vertical	Horizontal
Length	1960mm (77")	2172mm (86")
Width	890mm (35")	790mm (31")
Height	720 - 1225mm (28 - 48")	910 - 1185mm (36 - 46")
Weight (floor to belt - variable)	210kgs (460lbs)	210kgs (460lbs)
Specifications		
Production Speed	7 - 30m (300 - 1,200") per minute	
Product Range	All heat-sealable materials, tube style or gusseted	
Sealing Bands	PTFE-coated fiberglass	
Sealing Width	6mm (0.25") standard	
Heat Bars	2 pairs 7.50" long (15.00" / 380mm total)	
Compression	2 sets of adjustable pressure rollers	
Cooling	1 pair of air-cooled bars	
Main Drive	AC drive / frequency control	
Temperature Control	PLC based, four zone	
Electrical	220 volt, 60 hz, 1 or 3 phase NEMA 12	

## Vertical Format



## Horizontal Format

