

# CBS-D 750M Medical-Grade Continuous Band Sealer.

7.50" OF HEAT SEALING SURFACE

## TEMPERATURE CONTROL

The CBS-D 750M features CompactLogix PLC-based, two zone temperature control. It is equipped with internal thermocouples that are located near the contact point on the pouch and external J-ports for additional sealing temperature validation.

## 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 monitored electronically and if it falls below the factory pre-set value of 18 PSI, the sealer generates a fault message and either stops or reverses the direction of travel to clear effected bags.

## OPERATOR INTERFACE / PLC

The CBS-D 750M comes standard with Rockwell CompactLogix PLC and an Allen Bradley Panel View touchscreen HMI. The machine speed is set through the HMI and is also used for monitoring all sealing parameters and fault conditions. The HMI also has a screen that shows the alarm history with date stamps along with a screen for troubleshooting. The HMI on the horizontal models is able to rotate 180° to be accessible from both sides of the machine.

## EASY ACCESSIBILITY

Open frame design allows easy access for production and maintenance personnel. The CBS-D 750M has been designed to provide rapid band changes, with no tools required. Sealing bands can be replaced in under two minutes!

## 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.

## A WIDE RANGE OF OPTIONS

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

## Your benefits

- Sanitary construction that meet demanding requirements of sanitary & sterile applications
- Machine speed adjusted from control panel with no mechanical parts to adjust
- Main drive is gear-driven, no chains or sprockets to wear out and replace



# Packaging Line Structure.



CBS-D 750M

## Temperature

- CompactLogix PLC-based two zone temperature control with the ability to adjust through different access level of the HMI
- Internal thermocouples for temperature sensing near the contact point on the pouch
- J-ports allow for ongoing process checks without stopping production

## Speed

- Digital speed control with speeds up to 25m (1000") 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 and 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 & cooling bars providing control of the complete sealing process
- Pressure is adjustable via digital display
- Alarm for low pressure
- Sealing bar gap can be mechanically adjusted to eliminate premature sealing band failure

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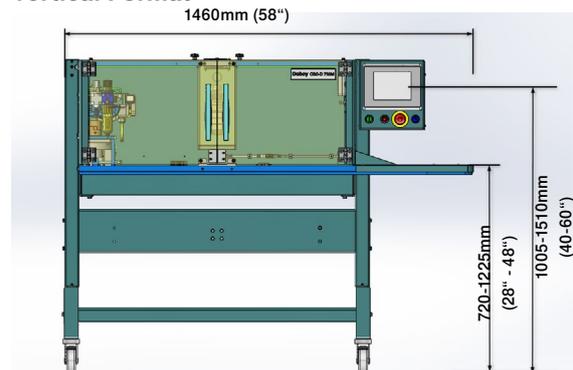
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## Technical Specifications

Machine Size	Vertical	Horizontal
Length	1460mm (58")	1680mm (66")
Width	890mm (35")	780mm (31")
Height (floor to belt - variable)	720 - 1225mm (28 - 48")	910 - 1185mm (36 - 46")
Weight	195kg / 430lbs	195kg / 430lbs
Specifications		
Production Speed	7 - 25m (300 - 1,000") 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	1 pair 190mm (7.50") long	
Compression	1 set of adjustable pressure rollers	
Cooling	1 pair of air-cooled bars	
Main Drive	AC drive / frequency control	
Temperature Control	PLC based, two zone	
Electrical	110 volt, 60 hz, 1 phase	

### Vertical Format



### Horizontal Format

