



BOSCH

Invented for life



Doboy CBS-D

Continuous Band Sealer
for Multi-Shift Production
Requirements

Quality, Performance, Versatility

Equipped to meet the needs of full-scale production environments, the CBS-D has been designed from the ground up. Special attention has been given to enhancing performance and dramatically reducing maintenance and setup times. The CBS-D can be configured for a wide variety of bag sizes, environments and products. It is available in both vertical and horizontal versions and in two infeed directions. One of our latest features includes bag air evacuation which reduces bag volume of air can reduce the performance of air desiccant pouches and allows for denser secondary packaging. Other outstanding features include:

Single point gap adjustment

Heating and cooling bars are mounted to a special indexing plate with a dial indicator readout to allow the bars' spacing from one central point. This eliminates the need to adjust the each bar individually, saving time and providing precision adjustments.

Meeting industry needs

All machines are wired to meet NEMA 12 standards and current industry codes. The control panel is configured for easy accessibility in and operating position. The CBS-D is available in a wide range of voltages and optional area classifications.

Glass teflon sealing bands

Provides better seals on gusseted bags and dramatic reduction in machine maintenance, heating and cooling bar wear. The CBS-D has been designed to provide rapid band changes, with no tools required. Bands can be replaced in under two minutes.

AC frequency variable speed drive

Machine speed can be adjusted from the control panel, with no belts or pulleys to adjust. In addition, the main drive is gear driven, so there are no chains or sprockets to wear out.

Quick change sealing station

The entire sealing section can be removed in a matter of minutes for service or replacement, downtime is virtually eliminated.

Imbedded thermocouples

Thermocouples are contained within the heater cartridge to provide the most accurate method of sensing bar temperature. Two precision digital temperature controls accurately control sealing temperature.

Main frame

Main frame component are constructed from painted or stainless steel and aluminum plate. The floor stand is a tubular steel welded unit with a hand crank vertical height adjustment. Guards are sheet metal and Lexan. The CBS-D is built to last.

Heating and cooling bars

Both the heating and cooling bars have super hard (60 Rockwell™) surface treatment that eliminates wear. The bars have an exclusive over-travel limit to increase sealing and machine life. The air cooling manifold is more efficient for cooling capacity.

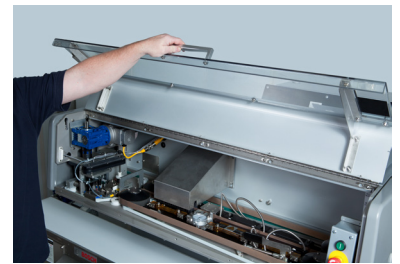
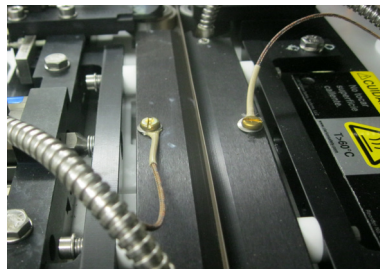
Bag top control

Full length, 12 mm wide, urethane timing belt securely grip the bag top and provide positive timing and speed control throughout the entire length of the sealer.

Providing a wide range of features

Sealing Section

- ▶ **Heat Bars** – Two pair of 7.62" (190 mm) long for a total of 380 mm of sealing surface precision machined aluminum heat bars produce a 6 mm seal width (standard). The heatbars are spring loaded and are adjustable for different bag thicknesses. Ceramic insulators contain the heat within the heat bars.
- ▶ **Compression Wheels** – One pair of adjustable, spring-loaded compression wheels create the pressure needed to seal bags with ease.
- ▶ **Cooling Bars** – One pair of 5" (130 mm) long air cooled cooling bars, spring loaded and adjustable



Bag top control

Full length, non-marking, 12" urethane carrier belts grip the bag top and transport it through the entire length of the sealer. Bags weighing less than two pounds do not require a support conveyor.

Quality seals

The CBS-D is equipped with fully adjustable heat bars, compression section and cooling bars. Quality components provide quality seals.

Safe, easy access

Front guard door with safety interlock stops the machine when opened and provides access to the entire sealing section.



Precision temperature control

Precision digital temperature controller mounted on the operator panel. The heat bars reach target temperature in minutes and maintain the set point resulting in error-free seals.



Variable speed drive

Main drive AC variable speed frequency drive and motor are accurate, dependable and maintenance-free. Direct drive design means nothing to lubricate and no belts or chains to replace.



Simple operation

Adjustable height floor stand with hand crank for easy operation. Two post, robust design is built to last in the challenging environment.

Machine Specifications

A variety of options

The CBS-D is available in both vertical and horizontal versions and in two feed directions. A wide selection of options are available and include:

- ▶ Emboss or ink coders
- ▶ Integrated conveyor
- ▶ Bag top trimmer
- ▶ Bag counter
- ▶ Stainless steel construction
- ▶ Right to left or left to right feed direction
- ▶ Additional temperature controllers
- ▶ 9 - 19 mm seal width for hole-punch
- ▶ Option for slider bag
- ▶ Evacuation of bag air
- ▶ Custom options, per application

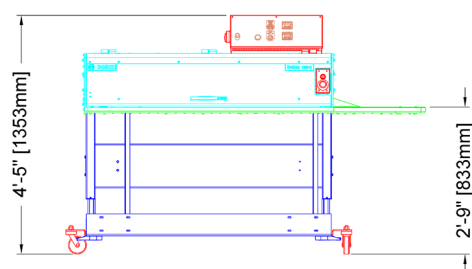


Ink Coder

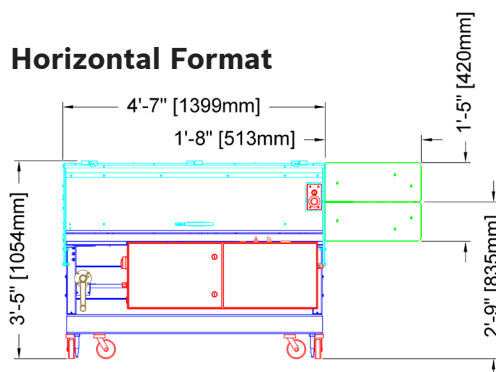


Emboss Coder

Vertical Format



Horizontal Format



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Machine Size	Vertical	Horizontal
Length	75" (1905mm)	75" (1905 mm)
Width	31.9" (810.26mm)	26.6" (676mm)
Height (variable) floor belt	57.2" - 71.2" (1450 mm - 1800 mm)	32.5" - 40" (825.5 mm - 1016 mm)
	Add 5" for casters	Add 5" for casters
Weight	700 lbs.	700 lbs.
Specifications		
Production Speed	0 to 1200"/minute	
Product Range	All heat sealable materials, tube style or gusseted	
Sealing Bands	Glass Teflon	
Sealing Width	6 mm standard	
Heat Bars	Two pair 7.62" (190 mm) long for a total of 380mm of sealing surface	
Compression	Adjustable pressure roller	
Cooling	One pair of air cooled bars	
Main Drive	AC drive / frequency control	
Temperature Control	Two precision digital controls	
Electrical	220 volt, 60 hz, 1 phase NEMA 12	

