



Dobby B-550 Continuous Band Sealer

Versatile Industrial Sealer



BOSCH
Invented for life

Doboy B-550 Band Sealer

Quality, Performance, Value



B-550 vertical right to left with optional conveyor

Industrial Quality

The B-550 provides industrial performance at an economical price. Built to the same high standards as our larger machines, the B-550 offers exceptional value and versatility. A full range of styles and options allow you to configure the B-550 to meet your specific needs.

Industry Leading Features:

Improved Performance

The B-550 heat bar length has been increased to 7.5 inches to seal a wider range of bag materials at higher speeds. The heat bars have been designed to maximize heat transfer and minimize temperature deviation. The B-550 features compression wheels to provide strong seals on gusseted and difficult to seal films. Cooling bars are also standard and are designed for maximum efficiency to set seals for immediate handling.

Bag Top Control

Full length, 1/2" wide, urethane timing belts grip the bag top and provide positive timing and speed control throughout the entire length of the sealer.

Glass Teflon Sealing Bands

Fiberglass sealing bands provide superior seals and greatly reduce machine wear and maintenance.

Operator Friendly

All controls and adjustments are easy to use and set-up. Sealing bands can be changed in less than a minute - without tools.

AC Drive

The B-550 is our first mid-range sealer to feature the same drive system as our larger band sealers. This powerful and reliable combination features variable frequency speed control with a standard speed range of 100 to 1000 inches per minute. Bag speed is precisely controlled from the operator panel.

Precision Temperature Control

The heart of the B-550 temperature control system is a state-of-the-art digital temperature controller. Mounted in the operator panel, the controller provides precise control of the heat bar temperature resulting in error-free seals.

Built to last

Like other Doboy sealers before, the B-550 is truly an industrial quality sealer. Our machines are built for long service and high performance levels. The B-550 main frame is constructed of machine plate aluminum and features a rugged two post floorstand and polycarbonate guarding.



B-550 horizontal right to left

Doboy B-550 Band Sealer

Providing a Wide Range of Features

Sealing Section

- ▶ **Heat Bars** - One pair of 7.5" long precision machined aluminum heat bars produce a 1/4" seal width. The heat bars 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 gusseted bags with ease.
- ▶ **Cooling Bars** - One pair 5" long adjustable, cast aluminum, spring loaded cooling bars with stainless steel cover and blower fan to set seals for immediate handling.

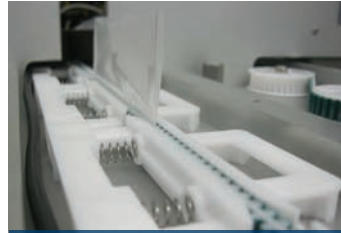


The B-550 seals a wide range of bag styles for a variety of applications

Standard Machine Features:

Bag Top Control

- ▶ Full length, non-marking, 1/2" 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.



Carrier Belts

Quality Seals

- ▶ The B-550 is equipped with fully adjustable heat bars, compression section and cooling bars.
- ▶ Quality components provide quality seals.



Sealing Section

Safe, Easy Access

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



Safety



Accurate Temperature Control

Precision Temperature Control

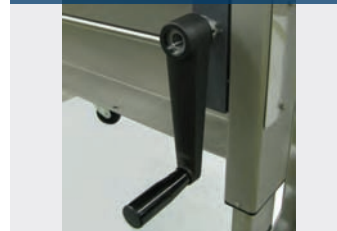
- ▶ Precision digital temperature controller mounted on the operator panel. The heat bars reach temperature in minutes and maintain the set point resulting in error-free seals.



Variable Speed Drive

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.



Adjustable Height

Simple Operation

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

Doboy B-550 Band Sealer

Machine Specifications

A wide variety of options

The B-550 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 conveyors
- ▶ Bag top trimmer
- ▶ Bag counter
- ▶ Stainless steel construction
- ▶ Right to left or left to right feed direction
- ▶ Custom options, per application

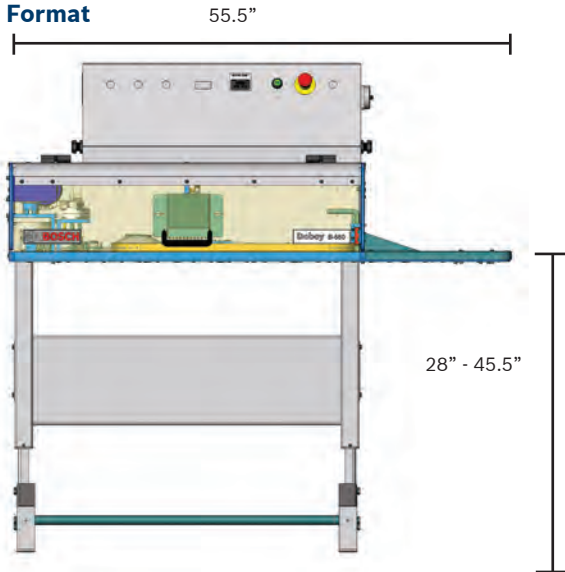


Ink Coder



Emboss Coder

Vertical Format

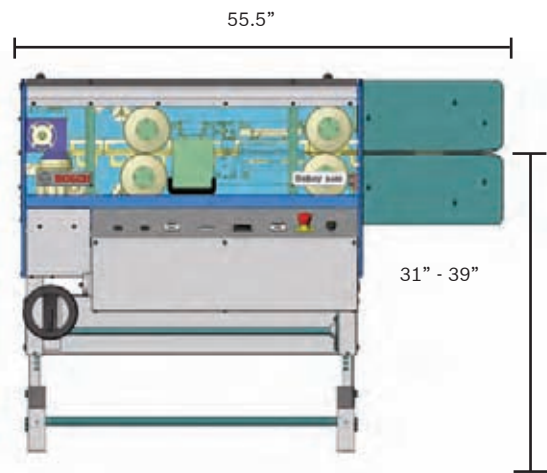


Specifications

Machine Size	Vertical	Horizontal
Length	55.5"	55.5"
Width	26"	26.5"
Height (Variable) floor to belt	28" - 45.5"	31" - 39"
	*Add 5" for casters	*Add 5" for casters
Weight	325 lbs.	310 lbs.

Specifications	
Production Speed	100 to 1000" / minute
Product Range	All heat sealable materials, tube style or gusseted
Sealing Bands	Glass Teflon
Sealing Width	.25" standard
Heat Bars	1 pair 7.5" long
Compression	Adjustable pressure roller
Cooling	1 pair of air cooled bars
Main Drive	AC drive / frequency control
Temperature Control	One precision digital control
Electrical	110 volt, 60 hz, 1 phase

Horizontal Format



Add 5" if equipped with casters

Bosch Packaging Technology, Inc.

Packaging Machines

869 South Knowles Avenue
 New Richmond, WI 54017 USA
 Phone (715) 246-6511
 Fax (715) 246-6539
sales.packaging-nrd@bosch.com
www.boschpackaging.com/nrd