

SIGNODE – LBX2000

Automatic Strapping Machine

Reliable high speed strapping with polypropylene strap

Maximum productivity

Jam-resistant technology



High speed strapping

Automatic strap feed

Features and Benefits

Unique jam-resistant technology – the patented LBX strapping head offers the highest level of reliability currently available.

High speed strapping – with up to 70 straps per minute, the LBX2000 provides the highest available speed in the range of general duty machines.

Easy maintenance – the strap path is fully accessible, no belts or clutches, most of the maintenance work can be executed without the use of any tools.

Automatic strap refeed – any time the strap doesn't go around the package, a simple step on the foot pedal, and the machine clears itself.

Easy coil loading and error free dispenser – the strap coil pays off from either direction, loading a new coil becomes simpler than ever.



Easy Accessible Strap Path

The hinged table top provides easy and fast access to the strap path. By lifting the guide, full access to the strap path is obtained – without tools.

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Design, function and operation

The LBX2000 offers unique levels of speed and reliability, together with an outstanding simplicity of design. This makes the LBX2000 to be a truly top choice for general duty applications.

Maximum up time: The LBX2000 is designed to run trouble free during your production run. With features like Jamless Technology, Automatic Refeed, Zero Adjustments, Easy Load and Error Free Dispenser, the LBX2000 offers high level reliability and productivity.

Built for speed and minimal maintenance: The LBX2000 provides high cycle rates with up to 70 straps per minute, and minimized maintenance requirements. Access to the strap path requires no tools – operators can clear any strap jam quickly.

Reduced cost of ownership:

Elimination of most wear-out parts : Most moving parts, such as clutches, belts, sheaves, pulleys have been eliminated, this means that these parts can't wear out on the LBX2000. Furthermore, the hot knife is designed to slant back for easy clearing – no tools required. This reduces the operating cost by app. 30 % compared to former models of this machine type.

Automatic Refeed and Jamless Technology: Increased productivity by reducing the necessity of operator intervention.

Simple Motor Controls : To test any motor, simply requires to press the appropriate button on the control panel – simplicity in trouble shooting.



Easy Coil Loading

The rear door folds down when a new coil is needed. No more pushing the coil on from the side.



Easy Maintenance – Hot Knife Access

No belts or clutches to service, the hot knife can be removed and cleaned without the use of tools.

Options

- 3-stage electric photo cell – to trigger the strap cycle automatically.
- Remote cycle switch – to initiate the strap cycle by hand.
- Table top extension.

Worldwide Service Back-up

The LBX2000 being a global product, consumables, service and spare parts are available from Signode distributors and partners – worldwide.

Strapping

Signode Dylastic® Polypropylene	Strap size	Metres/coil
108 W	5.0 x 0.30mm	9500
109 W	5.0 x 0.42mm	6000

Technical Data

Strapping System	LBX2000 cam driven head
Sealing Method	Heat seal
Strap Tension	Adjustable from 10 to 270 N
Cycle Rate	Up to 70 straps per minute
Strapping Signal	Via foot switch
Power Supply	230 volt, 1 ph, 50 Hz
Control Voltage	24 volt DC
Control System	PLC Siemens S7-200
Standard Table Height	865mm
Shipping Weight	245 kg
Machine Colours	RAL 6000 green
Max. Package Sizes WxH:	
Small chute:	480 x 350mm
Large chute:	680 x 350mm
Min. Package Size WxH	50 x 25mm

