



**LITTLE DAVID**<sup>®</sup>  
A **SIGNODE** BRAND

PRODUCTS  
SERVICES  
INTEGRATION  
AUTOMATION



pack



bundle



unitize



warehouse



transport



# LDX-RTB E

## Semi-automatic random case sealer

### Maximise Productivity

Enhanced throughput with  
belt speeds greater than  
45 meters per minute

### Simple to Use

Patent pending technology  
delivers intuitive  
operation and easy  
access components

### Versatile Production

Processes cases with  
variable dimensions,  
quality of corrugated  
and fill levels

### Robust Design

CE-compliant and built to  
withstand a demanding,  
high-speed environment

# LDX-RTB E

## Semi-automatic random case sealer



The semi-automatic LDX-RTB E random case sealer is an intuitive, CE-compliant case sealer in the Little David® line of case sealers. Designed for demanding environments, it is the preferred solution within many high-speed E-commerce, retail and fulfillment applications.

The LDX-RTB E random case sealer is capable of rapidly processing cases with a variety of different levels of void/fill, weights, expansive range of corrugated dimensions and quality with drive belt speeds greater than 45 meters per minute.

### Features and benefits

#### ■ Performance

- Drive belt speed > 45 m per minute
- Dual sided operator / E-Stop stations
- Quick change toolless wear parts along with easy access to motors, electronics and belts

#### ■ Versatility

- High speed tape head controlled by photo eyes to automatically adjust to box dimensions without adjustments
- Bypass mode allows cases to be processed without tape being applied
- Springless pneumatic CAC61 tape cartridge process high void and light cases without crushing the corrugated

#### ■ Durability

- Case-hardened steel rollers and non-mechanical side rail actuation makes the machine more durable and components long lasting
- Hardened steel top drive assembly components
- Non-contact sensors to activate height and width adjustments provide long lasting performance

#### ■ CE Compliance

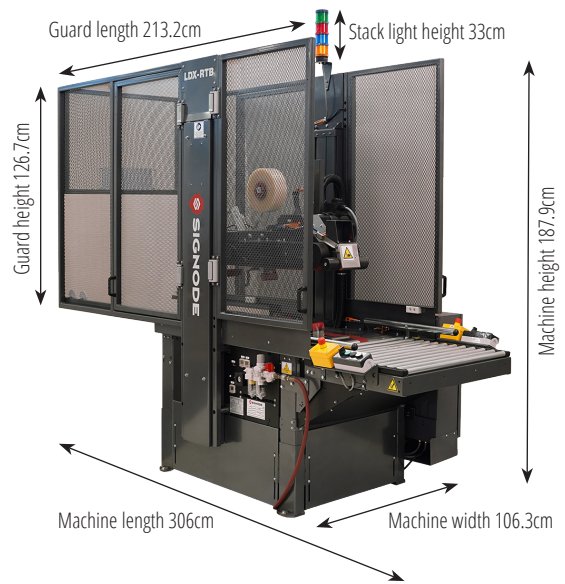
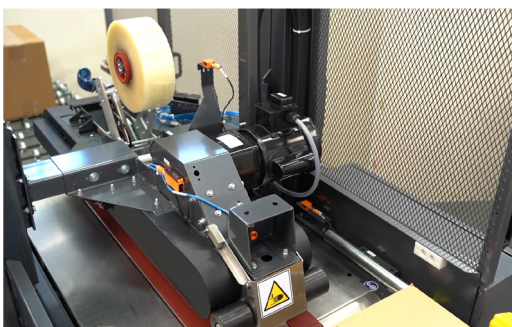
- CE compliance by standards: EN 415-7:2008, EN 60204-1:2018
- Machine guarding and exit aperture photo eyes to restrict access to moving components
- One second tape head reversal feature if outside object is detected during taping procedure

#### ■ Siemens PLC and HMI

Operates on Siemens S7 Safety PLC and HMI to allow the operator to precisely select parameters/settings and provides a visual display of fault detections.

#### ■ CaseLocker™ 60 series Pneumatic Tape Cartridge

Patented high-speed pneumatic light touch tape cartridges (top and bottom). Designed by Signode exclusively for the Little David Case Sealer Range. Engineered for optimum reliability, performance and ease of maintenance.



### LDX-RTB E Technical Specifications

<b>Power</b>	240V, 50Hz Cycle Single Phase
<b>Air Pressure</b>	0.6 MPa / 6 bar
<b>Machine Operating Speed</b>	Continuous Belt drive at > 45 m per minute
<b>Case Range</b>	*Length: 150mm - infinite *Width: 130mm - 610mm *Height: 100mm - 635mm
<b>Machine Dimensions</b>	Length: 306 cm Width: 106.3 cm Height: 187.9 cm Weight: 530 kg **Conveyor Height Standard 71 cm - 80 cm
<b>Warranty</b>	12-month warranty on non-wear parts
<b>Case Closure Material</b>	50mm or 75mm pressure sensitive tape

\*Consult factory to inquire on alternate case dimensions

\*\*Consult factory for alternate conveyor heights

