



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

PRODUCTS  
SERVICES  
INTEGRATION  
AUTOMATION



pack



bundle



unitize



warehouse



transport



# LD-16AR

## Fully automatic random case sealer

### Maximizes Productivity

Processes 15 cases per minute at 45.7 meters (150 feet) per minute belt speed - up to 20 cases per minute can be processed depending on incoming case height

### Precision Accuracy

Ultrasonic sensing is used to detect box width and a linear transducer measures the height ensuring repeatable performance and consistent box processing

### Production Versatility

Capable of processing an expansive range of box sizes using 51 mm (2 in) or 76 mm (3 in) pressure sensitive tape

### Safe Design

Moving parts are fully guarded and interlocking safety gates power down the machine when accessed

# LD-16 AR

## Fully automatic random case sealer

The LD-16AR is an industrial grade, fully automatic, random, high performance case sealer.

Operating at a high speed, this case sealer is capable of sealing a random assortment of box sizes without an operator. Simultaneous, two stage operation ensures accurate box measurement and efficient processing. This machine is also available with side belt or bottom belt drives.

### Features and benefits

#### ■ Performance

- Processes up to 15 cases per minute
- Can process up to 20 cases per minute depending on the incoming case height variance (maximum 76 mm (3 in))
- Belt speed of 45.7 meters (150 feet) per minute

#### ■ Versatility

- Expansive case size range
- Two stage operation features indexing gate, live roller conveyor, folding and sealing
- Accommodates both 51 mm (2 in) or 76 mm (3 in) tape cartridges

#### ■ Durability

- High quality steel structure with powder coat finish
- Heavy duty bottom belt drive with horizontally mounted ½ HP motor

#### ■ Safety

- Interlocking safety gates power down the machine when accessed
- Fully guarded
- UL listed electrical panel with safety monitoring relay and Category 3, Performance Level D safety circuit

### Optional equipment

- Spare tape cartridge
- Mirror image
- Casters
- Secondary E-stop
- 51 mm (2 in) PST top tape only
- 76 mm (3 in) wide PST
- 3 phase motor
- Low tape alarm
- Increased conveyor height
- No tape detection/tape assurance
- Random top squeezers
- Short length box
- Plexiglass guarding, (safety flags)



### LD-16AR Technical Specifications

Power	115 volts, 60 cycle, single phase
Air	6 SCFM @ 80 psi
Operating Speed	45.7 meters/ minute (150 feet/minute)
Case Capacity	Length: 254 mm (10 in) - 609.6 mm (24 in) Width: 114 mm (4.5 in) - 508 mm (20 in) Height: 114 mm (4.5 in) - 508 mm (20 in)
Machine Dimensions	Length: 277 cm (109 in) Width: 109.22 cm (43 in) Height: 178 cm (70 in)
Weight	810 kg (1,785lbs.) fully crated
Warranty	3-Year - Tape Cartridge 2-Year - Complete drive system, motor/ gear reducer 1-Year - All other parts except for wear and moving parts
Closure Material	Pressure Sensitive Tape

### CaseLocker™ 60 series tape cartridges

- Patented locking knife guard system allows the blade to be exposed only when the rollers are depressed
- Telescoping tape core allows for varying tape core sizes
- Patented tool-less removal of blades and wipe rollers
- Processes weak corrugated
- No lubrication points
- Utilizes link bar and knife arm bearings for added strength

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