



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

PRODUCTS  
SERVICES  
INTEGRATION  
AUTOMATION



pack



bundle



unitize



warehouse



transport



# LD-16AE

## Fully automatic random case sealer

### Maximizes Productivity

Seals the top and bottom of a case without the need for an operator

### Technology Driven

Photo eye sensors and a linear actuator determine random box sizes

### Production Versatility

Up to 9 programmable height positions are available

### Custom Design

Each machine is designed to seal your specific box range.



# LD-16AE

## Fully-automatic random case sealer



The LD-16AE Fully Automatic Random Case Sealer gives you the speed and flexibility you need. This machine seals the top and bottom of the case without the use of an operator.

The LD-16AE automatically adjusts to the case height and width. Photo eyes are used to detect the box height. A servo driven linear actuator is used to lower the tape head, this gives you the flexibility to easily add box sizes. Up to 9 programmable height positions are available. Additional heights can be programmed depending on application

This is a go-to machine for egg producers, who require a great deal of flexibility. Customers are continually changing box sizes for product differential. Egg graders have increased the number of cartons per minute they produce, driving the demand for more throughput from the case sealer.

### Features and benefits

#### ■ Performance

- Self-centering and self-tensioning drive belts
- High precision laser photo-eyes detect case height & length
- 24.4 meter/min (80 feet/min) belt speed
- Top squeezers
- Indexing gate

#### ■ Versatility

- Multi-height top head assembly
- 56.5 cm (22.25 in) conveyor height adjustable up to 72 cm (28.25 in)
- Removable & interchangeable tape cartridges

#### ■ Durability

- Dual mast construction
- High quality steel structure with powder coat finish
- Stepper driven, ball screw linear actuator

#### ■ Safety

- Interlocking safety gates
- Fully guarded flap "kicker" device

### Optional Equipment

- Recommended spare parts kit
- Spare tape cartridge
- Mirror image
- Casters
- Secondary E-stop
- 51 mm (2 in) PST top tape only
- 3 phase motor
- Low tape alarm
- Increased conveyor height
- No tape detection/tape assurance
- Plexiglass guarding (safety flags)



### LD-16AE Technical Specifications

Box Range	Custom per specific application
Power	115 volts - 1 phase +/- 10% AC 60 Hz. End-User is responsible to supply a 115 volt AC 15 amp circuit for the system
Air	4 SCFM @ 80psi
Operating Speed	Continuous belt drive 24.4 meter/min (80 feet/min)
Machine Dimensions	Length: 196 cm (77 in) Width: 109.5 cm (43 in) Height: 178 cm (70 in)
Weight	499 kg (1,100 lbs), fully crated
3-2-1 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



## SIGNODE

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