

# MD-BPS

## Plastic Bottle Unitizer



- ***Ease of operation***
- ***Better package performance***
- ***Low maintenance***

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**R**esponding to our customer's requests for a unitizer that provides improved package stability, easier operation and less maintenance, Signode engineers have developed the MD-BPS, a significant innovation in plastic bottle unitizing applications. By designing the MD-BPS as an all electric unitizer, we've eliminated the inconsistencies often associated with pneumatics, providing a more reliable machine with superior load performance.

## Better load integrity

By combining electric dual support, rack-and-pinion compression with the consistent tension levels of the MD strapping head, the MD-BPS improves overall package performance and load integrity.

## Easy to maintain

The advanced MD-BPS system offers a host of operational advantages for maximum uptime and reliability. The MD-BPS's strapping head rotates 90 degrees providing complete access to both sides, enabling operators to service the head without removing it from the machine. The head is also quickly removable and replaceable with an available spare head.



## Less downtime

With several built-in warning signals to alert operators of any problems, troubleshooting can begin immediately, minimizing downtime. Features include:

- Low strap detector
- Out-of-strap detector
- Fault warning light

## Simplified Design

- Easy strap feeding and loading reduces changeover time
- Automatic refeed reduces downtime and minimizes strap waste
- Fewer wearing parts lowers maintenance costs
- User-friendly control panel simplifies operation
- Fixed strapping head settings eliminate adjustments

For more information on the MD-BPS, call your Signode Beverage Industry Specialist at 1-800-531-1022

## Specifications

### Load height

Minimum: 40" (1016 mm)  
Maximum: 105.3" (2675 mm)

### Load width

Minimum: 30" (762 mm)  
Maximum: 60" (1524 mm)

### Strap requirements

1718LC Tenax or 1720LC Tenax polyester strapping

### MD strapping head

Tension: 22.5 lbs to 550 lbs (100 N to 2447 N)

### Compression

Adjustable from 100 to 1,000 lbs (444 N to 4448 N)

### Conveyor height

4" (101.6 mm) standard. Other conveyor heights optional.

### Electrical

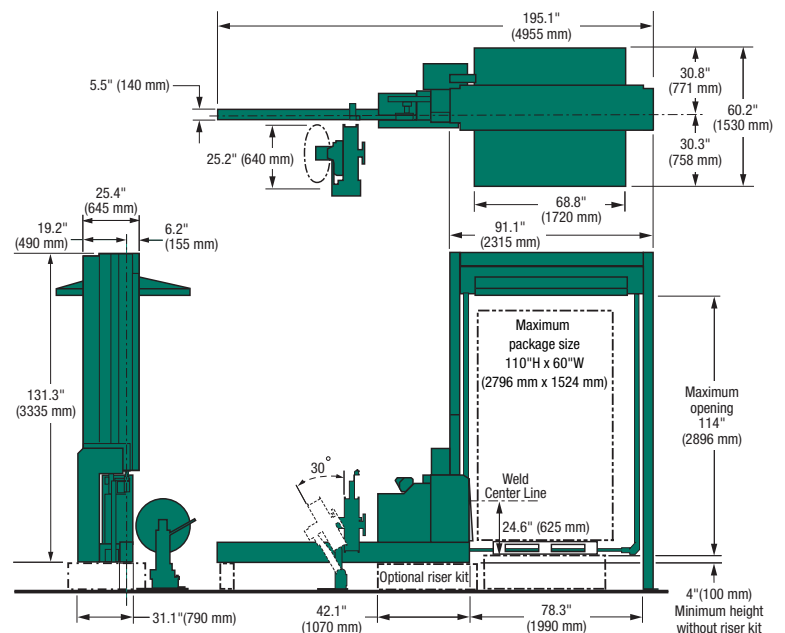
460 volts, 3 phase, 60Hz

### Shipping weight

3,660 lbs (1660 kg)

### Options

- Compression
- Wide platen extension
- Automatic height seeking —  
Speeds production by raising the platen just enough to clear incoming loads of varying heights.
- Spare head and test stand
- Riser kits —  
Available for conveyor heights above 4".



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