

# USI-2 SoniXs

REVOLUTIONIZE YOUR  
END-OF-LINE [PACKAGING]  
PERFORMANCE



Fully Automatic Load Securing  
Strapping Machine With Indexing Head



Heavy-duty SoniXs® Ultrasonic  
Unitizer Sealer



Track Size Up to 3000mm W x 2800mm H



Loads Per Hour Dependent On  
Product Handling Requirements



# USI-2 SoniXs

## FULLY AUTOMATIC STRAPPING MACHINE FOR LOAD SECURING

The USI-2 SoniXs® is a versatile, high-tension side seal strapping machine designed to strap various large packages and shipping units including rigid packaging and beverage containers.

Features include a smaller footprint to make moving around more convenient in compact spaces, and a heavy-duty strapping head that indexes up to 18 inches to meet the side of the load, for increased strap tension and greater seal performance.



## The Ultimate Strap Sealing Solution

Mosca's proprietary SoniXs® ultrasonic sealing heads have revolutionized strapping systems offering significant and proven advantages over traditional heat-seal technologies, including cost, maintenance, and longevity across all industries and applications.

Unlike heat seal systems, SoniXs® strap seals are made without the use of high-temperature components, reducing energy costs, improving safety, and generating lower emissions.

A SoniXs® seal is harder to break, and the visible evidence of a break is irreversible. The distinctive impression on Mosca's ultrasonically-sealed strap makes it easy to identify if the packaging has been tampered with. The seal will be distinguishably different if a strap is removed and reapplied.

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## Key Benefits

- + **INCREASED SEAL STRENGTH**
  - + **COST SAVINGS**
  - + **LASTING DURABILITY**
  - + **CONSISTENT SEALING**
  - + **WORRY-FREE PRODUCT SECUREMENT**
  - + **ENERGY CONSERVATION**
  - + **LOW MAINTENANCE**
  - + **SEALS BOTH PP AND PET**
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## TECHNICAL SPECIFICATIONS

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### Production Rate

Dependent on product handling requirements

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### Product Size

Min product height: 500mm (19.7")  
Lance Only and Lower Track

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### Track Size

Pallet Lance and Lower Track, and Pallet Lance Only  
Configurations:

1200mm (47") - 2100mm (82") Width x  
1550mm (61") - 2800mm (110") Height

Lower Track Only Configuration:

1200mm (47") - 3000mm (118") Width x  
1550mm (61") - 2800mm (110") Height

Custom sizes may be available on request.

Pallet Lance: Requires no conveyor gap

Lower Track: Requires 4" conveyor gap

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### Electrical

120-575V, 50/60 hz, 3 ph

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### Controls

PLC with 7" touchscreen HMI

Standard: Allen Bradley. Optional: Siemens

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### Conveyor Height

191mm (7.5") - 1016mm (40")

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### Strapping

SoniXs® sealer runs 9mm-12mm PP or PET strap

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### Strap Tension

Infinitely adjustable up to 204kg (450 Lbs.)

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### Strap Seal

SoniXs® ultrasonic seal, with DC brushless direct drive motor

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### Seal Location

Side seal

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### Machine Shipping Weight

Approx. 544.3kg (1200 lbs.)

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### Casters

Fixed casters

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## SPECIAL FEATURES

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- + "Quick Change" sealer head assembly.
  - + Machine power disconnect switch.
  - + Configurable pallet/load sensor.
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## OPTIONS

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- + Pallet lance and/or lower track (lance only deploys when a pallet void is detected).
  - + 3 Tier light tower with upgraded user-adjustable integrated audible alarm.
  - + Low strap detection/alarm.
  - + Electrical enclosure safety lock.
  - + "Floating" sealer head carriage assembly for optimal strap tension equalization.
  - + Electric or pneumatic load stabilizer (compatible with standard conveyor heights only)
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## INTEGRATION CAPIBILITIES

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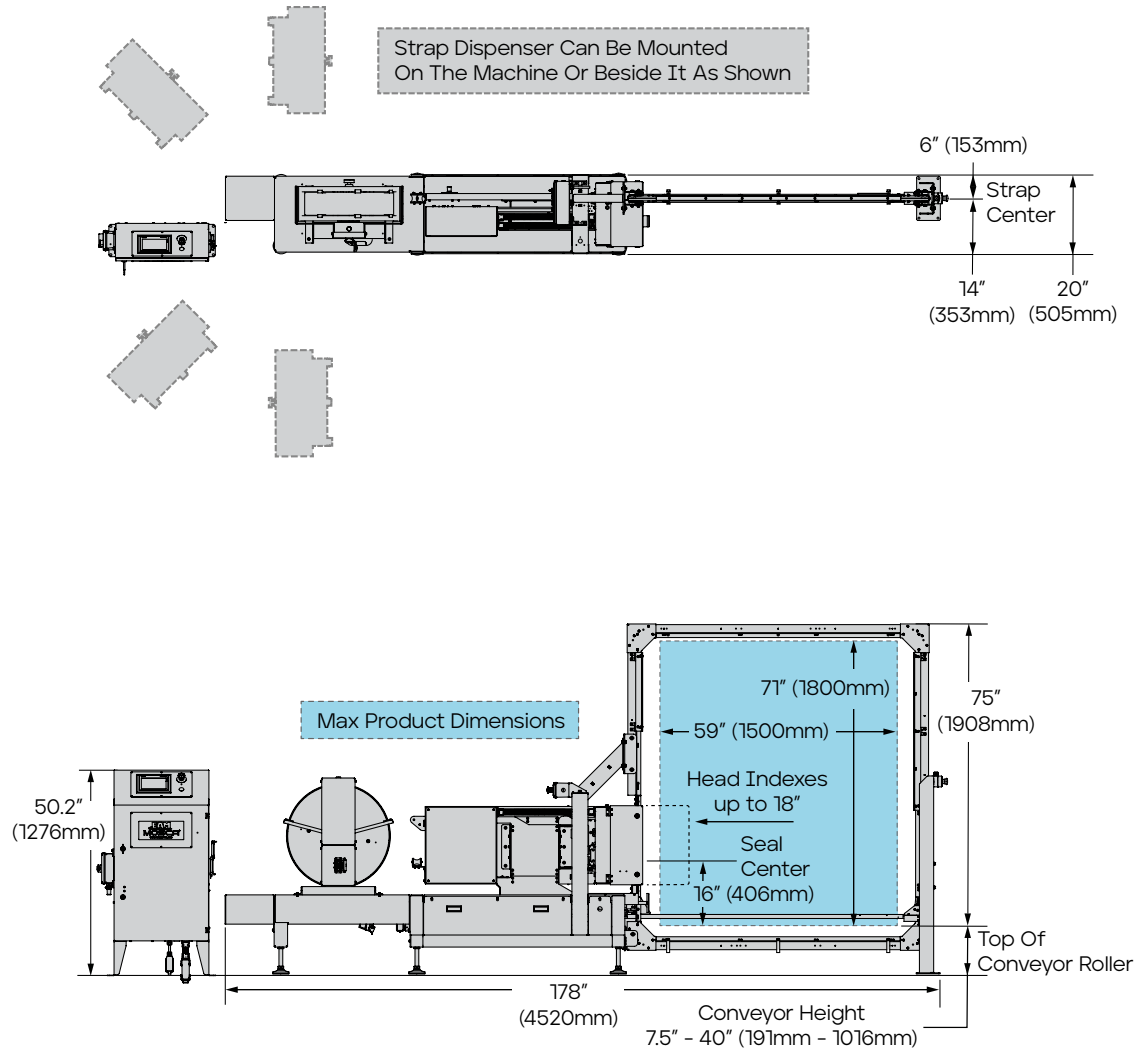
At EAM-Mosca, we support a wide range of applications. We can integrate our products into most situations with equipment ranging from the simplest bundlers to fully automated pallet strapping, unitizing, and stretch wrapping systems. Our capabilities include designing integrated controls when appropriate and supporting broader-based system integrators as needed. We aim to provide our customers with productive and economically justifiable solutions for their end-of-line packaging needs.

SCAN  
HERE



Want to see the  
USI-2 SoniXs  
in action? Use  
the QR code  
to learn more.

# MACHINE DIMENSIONS



CONTACT US FOR A FREE CONSULTATION TODAY  
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