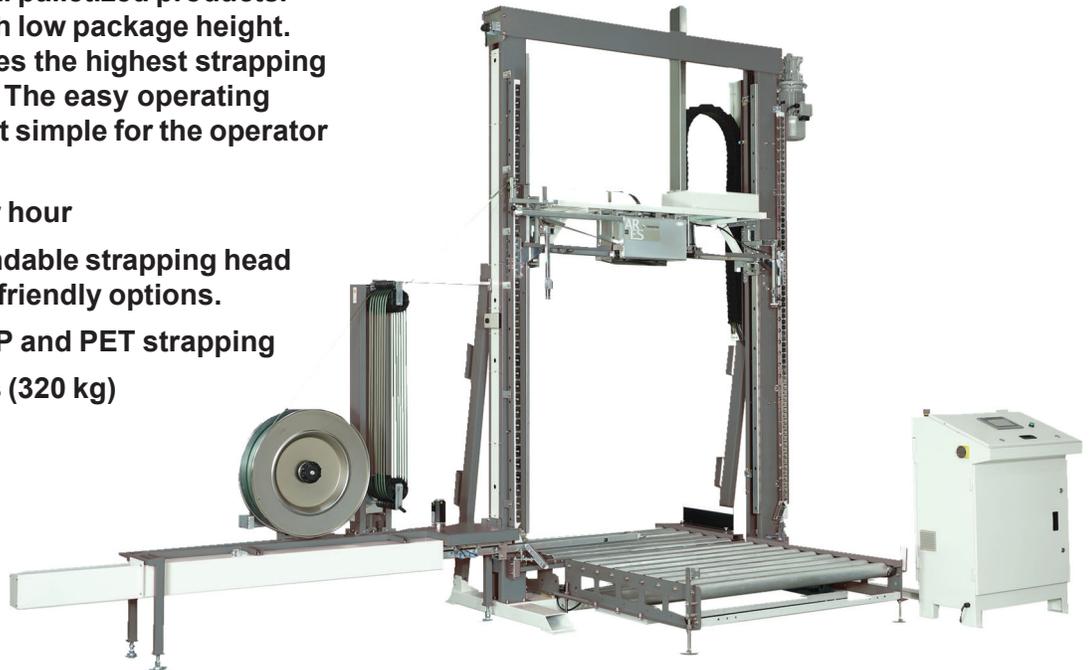


# FULLY AUTOMATIC TOP-SEAL PALLET STRAPPING MACHINE

## PSS733TSM

PSS733TSM is ideal for general palletized products. It is also suitable for those with low package height. The top sealing design provides the highest strapping efficiency onto the packages. The easy operating SIEMENS touch panel makes it simple for the operator to control and monitor.

- Capacity up to 61 pallets per hour
- Robust, compact, and dependable strapping head designed with maintenance friendly options.
- For 3/8", 1/2", 5/8", or 3/4" PP and PET strapping
- Tension force up to 719.4 lbs (320 kg)



## Main Features



### ARES TP733SH Strapping Head

Use the latest German-made DC brushless motor technology to provide the highest level of accuracy and reliability. Without belts and pulleys, its compact design greatly minimizes the numbers of moving parts and maintenance cost.



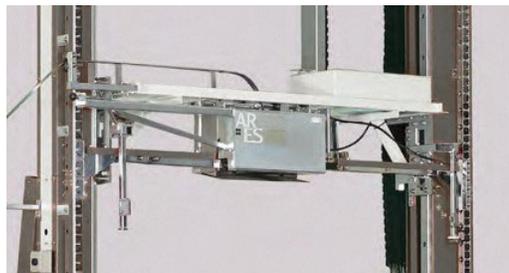
### Floating Head

The floating head can equalize the tension around the package to optimize strap holding performance.



### SIEMENS PLC and HMI

The SIEMENS PLC and HMI provide easy adjustments, operation instructions, troubleshooting guides, and real-time sensor status display.



### Strap can be fed at any height

The strapping head does not need to go back to home position for strap feeding. It greatly increases the efficiency on preparation time for next strap cycle.

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## More Features

### Friction Weld Sealing Technology

The advanced friction weld sealing technology guarantees reliable joint and high sealing efficiency for both PP and PET strapping. Tension force is up to 719.4 lbs (320 kg). No fumes and odours. Ready to use once turned on.

### Free Access to Strap Guides

Quick access to the strap guides without using any tools. The most maintenance friendly design.

### All Electric Driven Design

No air consumption is required. The performance of the machine will not be restricted by the air supply.

### Strap End Ejector

Eject end of strap automatically from the inlet of strap feeding. Easy to clean the end of strap and get the machine ready for next coil of strap.

### Adjustable Sealing and Cooling Time

These two parameters are adjustable to guarantee high sealing efficiency.

### Adjustable Speed for Strapping Head Movement

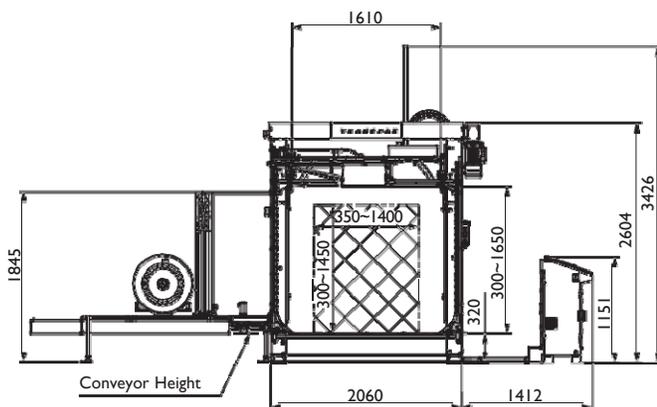
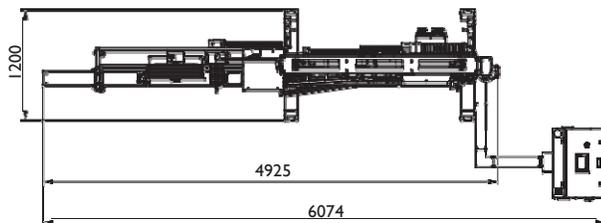
The ascent and decline speed of strapping head can be adjusted between 70 and 200 mm/sec to prevent damage on packages.

### Excellent Package Top Detection

There are sensor and detection plate to make sure the strapping head stop precisely and softly at the time it touches the package.

### Dual Channel E-stop

This provides an additional emergency stop circuit loop to ensure the E-stop operation if either loop is invalid, fulfilling a higher-level safety requirement.



PSS733TSM

\* The conveyor is not part of PSS733TSM.

## Options

- Lower tension range (45 - 270 lbs)
- Light tower with low strap sensor
- Air conditioner for electric control cabinet
- Uplifted support
- Adding underfeed channel  
Suitable for mixed package types and sizes.  
Be able to switch between lance and underfeed channel automatically. (patent pending)
- Automatic self-adjusting strapping height for next package

## Arch Sizes

H \ W	62.9"/1600 mm	78.7"/2000 mm	94.4"/2400 mm
64.9"/1650 mm	Ⓢ		
80.7"/2050 mm			
96.4"/2450 mm			
112.2"/2850 mm			

Ⓢ Standard size: 62.9"/1600 mm (W) x 64.9"/1650 mm (H)

## Technical Data

Capacity	Up to 63 pallets/hour (double parallel straps)
Strap Type	PP and PET strapping
Strap Width	3/8", 1/2", 5/8", or 3/4"
Tension Range	247 - 719 lbs (standard) 45 - 270 lbs (option)
Minimum Package Size	13.7" (W) x 11.8" (H)
Strap Core Size	16"
Electrical Requirements	220V, 380V, 400V, 415V 50/60Hz 3PH