

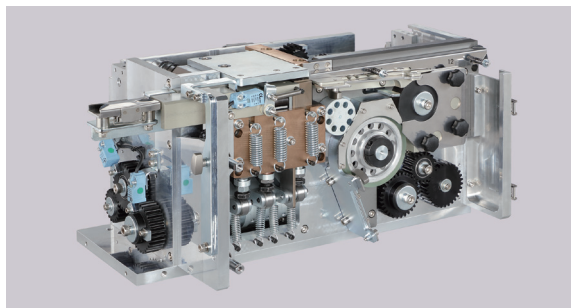
# Pollux III TP-733VLM

## Fully Automatic Vertical Pallet Strapping Machine (side-seal)

TP-733VLM is your best choice for fully automatic operation in various pallet strapping applications. The enhanced TP-733VLM maximizes the productivity by applying straps consistently and accurately on the pallet load, and minimizes the production cost by its high-speed and stable operation. Designed for simple and quick connection to the master control system, TP-733VLM can easily fit in all different end-of-line packaging sectors.

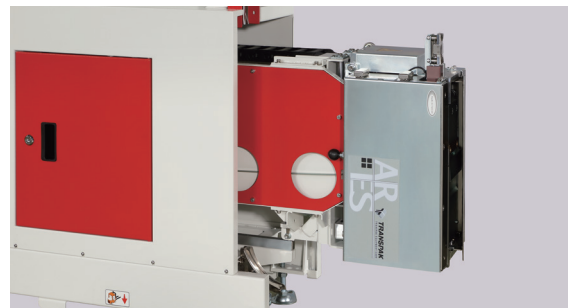


## Main Features



### ARES TP-733-SH 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.



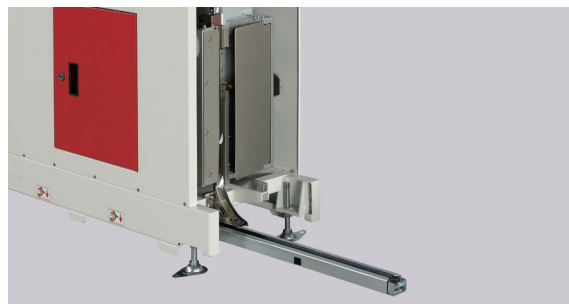
### Index Strapping Head

The strapping head moves toward the package with stroke up to 500 mm during the strapping cycle. It provides the maximum strap containment efficiency to secure packages.



### Siemens PLC and HMI

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



### Movable Strap Lance

Feeding the strap through the pallet void ensures the best strapping quality on palletized goods.

## 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 3200 N (320 kg). No fumes and odours. Ready to use once turned on.

### Swivel Dispenser Set

The dispenser set can be mounted freely at preferred positions. It provides more flexibility for plant configuration.

### Free Access to Strap Guides

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

### Modular Arch

Modular arch design makes it easy to change the arch size.

### Adjustable Sealing and Cooling Time

The sealing time and cooling time are adjustable. It guarantees high sealing efficiency.

### 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.

### Easy to Retrofit

The compact and advanced design makes it easily to retrofit a spare strapping head. It can greatly minimize downtime.

## Models

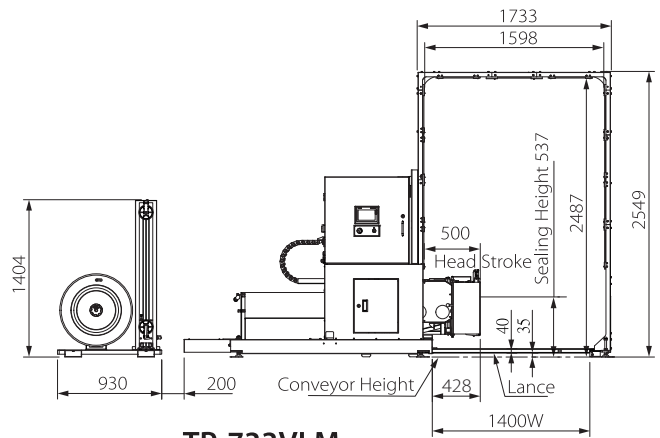
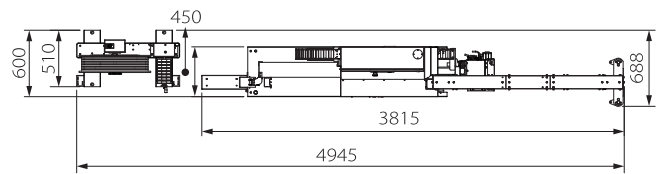
**TP-733V** fixed head, closed strap track

**TP-733VM** index head, closed strap track

**TP-733VLM** index head, movable lance

## Options

- Floating head
- Index head stroke up to 700 mm
- Free standing operation desk
- Light tower with low strap sensor
- Dual channel E-Stop
- Lower tension range (200 - 1200 N)
- Top press (200 kg or 500 kg)
- HMI mounted on the opposite side
- Uplifted support



## Arch Sizes

H \ W	1000	1400	1600	2000	2400*
1250					
1650					
2050					
2450		Ⓢ			
2850					N/A
3250					N/A

Ⓢ Standard size: 1400 mm (W) x 2450 mm (H)

\* Arch width 2400 mm is only available on TP-733V and TP-733VM

• N/A means not available

## Technical Data

<b>Capacity</b>	Up to 72 pallets/hour (double parallel straps)
<b>Strap Type</b>	PP and PET strapping
<b>Strap Width</b>	9 mm, 12 mm, 15.5 mm, or 19 mm
<b>Tension Range</b>	1,100 - 3,200 N (standard) 200 - 1,200 N (option)
<b>Strap Core Size</b>	406 mm
<b>Electrical Requirements</b>	220V, 380V, 400V, 415V, 50/60Hz 3PH