

Tenso®

Tenso Semi-Automatic Vertical Pallet Strapping Machine with Retractable Sword

#60444



Introducing our Tenso Semi Automatic Vertical Pallet Strapping Machine, a portable solution designed specifically for vertical strapping applications. This machine is capable of working with both PP and PET strapping (9 mm, 12 mm, or 15.5 mm) and offers a tension force of up to 150 kg. It can be conveniently positioned next to the pallet without the need to move the load. The retractable sword that feeds the strap through the pallet void not only saves time and effort during operation but also saves space. With its high mobility and user-friendly operation, it provides the most efficient solution for low to moderate pallet strapping needs.

Features

Robust and Lubrication Free Strapping Head

Applying robust mechanism design and high engineering standard with the latest German-made DC motor technology, it provides the highest level of reliability and durability. Requiring no lubrication for strapping head, it greatly simplifies the maintenance routine and minimizes the maintenance cost.

Retractable Sword

Motorized retractable sword feeds the straps through pallet void and automatically retracts during the strapping cycle. This design is space-saving, and it protects the sword from damage.

Friction Weld Sealing Technology

The advanced friction weld sealing technology guarantees reliable joint and high seal efficiency for both PP and PET strapping. No fumes and odours. Ready to use once turned on.

User-friendly Control Panel

The user-friendly operating control panel is located on upper side of the machine for easy access.

High Tension

Tension force is up to 1500 N (150 kg) – meeting the market demand for higher tension request for pallet strapping.

Low Sealing Height

Sealing height is only 485 mm from the floor so even lower pallets can be strapped.

Adjustable Weld-Cooling Time

The weld cooling time can be adjusted to ensure high joint efficiency under high tension.

Error Message Indicator

Provides diagnostic error code for easy troubleshooting. It helps with maintenance and minimizes the down time.

Good mobility

Large casters provide good mobility. It is easy to move the machine beside the pallet you want to strap.

Manual Feeding

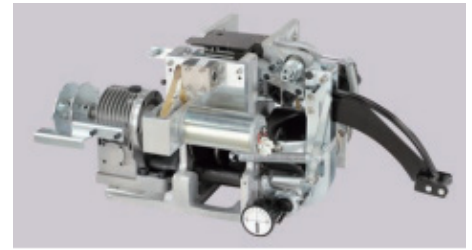
With the auxiliary feeding switch on the operating control panel, it's allowed to manually feed more strap for larger pallet loads.

Two Operation Modes

Automatic and semi-auto modes to meet various strapping requirements. Single operator can do the job even if applying edge protector is needed.

Specifications

Strap Type:	PP and PET strapping
Strap Width:	9 mm, 12 mm, or 15.5 mm
Tension Range:	70 - 1,500 N
Sealing Height	485 mm
Sword Length	1,000mm
Min Package Height	560mm (Pallet included)
Strap Core Size	406 mm (Option: 200 mm/230 mm/280 mm)
Electrical Requirements	110V 60Hz 1PH 220V, 230V, 240V 50/60Hz 1PH



Robust Strapping Head



Retractable Sword



Friction Weld Sealing Technology



User-Friendly Control Panel

