

# STANDARD THREADING STRAPPING MACHINE



## Main components of vertical strapping machine

High performance friction strapping head

Basic machine frame with two columns and cross beam, the lift motor drive by converter, runs more smoothly

Strap tension equalizer device, balanced each corner force

Independent strap band dispenser equipment with liner ball guide slide、electric magnet brake、buffer system, avoid damage strapping band

Lance system made with aluminium profile, control by converter, more reliable and no need maintenance

Based on SIMENS S7-200SMART electric control system and control panel, independent control cabinet is available

Top strapping parameter
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Items	Date		Note
Machine size	See layout diagram		
Power	3000W		
Power supply	3P5N AC 380V/50Hz		
Press air consumption	No air source		
Gross weight	1330KG	Car with coil 62KG	There is some error in the weight of the wooden case
		Electric control cabinet 80KG	
		Wooden case 150KG	
Net weight	1038KG		
Scope of pallet lode size	1300*1050*1900		Can be customized according to requirements
Minimum cargoheight	100mm		
Strapping force	200-250KG ( 200-2500N )		
Band material	PET		
Band type	Width: 16 Thickness: 0.7-0.9mm 406I.D., 20KG/R		
Joint type	Friction welding /85%		Interface strength depends on strap quality
Lance drive type	Electric		
Strapping cycle time	35 P/H		Efficiency per unit
Tape spacing	Customized on demand		
Lance height	According to the production line height		
Joint position	At the top of the		
Belt feeding position	At any height		
section size	60*51		Sword piercing space requirements : 80mm*80mm
Interface	Ethernet		
Traverse Lift type	Rack&gear		

# Application industry, optional

Timber industry



New energy industry



Warehousing and logistics Industry



## Why choose us?



### Movement

- Independent research and development
- Life span over a million times
- Binding strength can be adjusted automatically
- Modular design
- Don't pick the straps

### Process

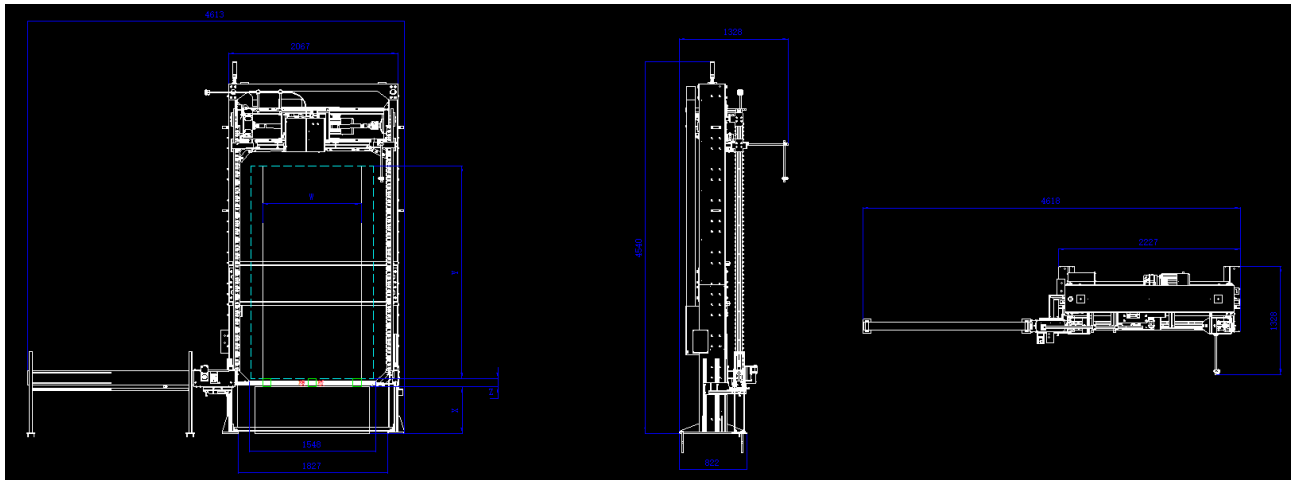
- Quality control from the supply chain to the client
- Single piece flow lean production model
- Strong own supply chain and supporting supply chain
- Designed to meet the needs of different models



### Service

- Professional maintenance team is 18 hours away
- Parts will be delivered within 72 hours
- Professional construction and installation team and staff training
- Delivery within 40 days from the next day

## Technical data



## Sequence of operation

1. The package is conveyed into the strapping position.
2. A volt-free signal is given from customer's control system to the horizontal strapping machine.
3. The carriage with strap track module and strapping head moves downwards to the first pre-selected strapping position.
4. The strap is fed around the track, the head and the strap track guide travel to each side of the package.
5. The strapping cycle is started. The strap is pulled back, tensioned, sealed and cut off.
6. Head and strap track guide retract and the carriage moves to the next strapping position.
7. Further straps according to pre-selected teach-in program.
8. After completing the programme, the machine sends a volt-free signal back to the conveyor control system to transport the load out of the machine.