

SIDE STRAPPING MACHINE



High performance friction strapping head

Strap tension equalizer device,blanced each corner force

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

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

Parameter		
Items	Date	Note
Machine size	See layout diagram	
Power	3000W	

Power supply	L/N PE AC220V		
Press air consumption	No need		
Gross weight	700KG	100kg	
		62KG	
Net weight	532KG		
Package dimension			
Scope of pallet lode size	1200*1400 (W*H)		
Minimum cargoheight	500mm		
Strapping force	20-250KG (200-2500N)		
Band material	PET		
Band type	Width: 12、 16 Thickness: 0.55-0.8mm 406 Paper core, 20 KG/R		
Joint type	Friction welding /80%		
Lance drive type	Electric		
Strapping cycle time	30 Pallet/hour		
Lance height	According to the production line height		
Joint position	The side		
Movement travel	500mm		
Minimum tape height	From the ground 300mm		
section size	60*51		
Interface	Ethernet		

Application industry, optional

Building materials industry



Warehousing and logistics Industry



**Optional:
Embedded sword**

Embedded through the sword

Applicable situation: No need to wear a sword



Pressure module unit

Application scenario: corrugated paper, water industry, renewable resources recycling industry, textile industry, etc

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



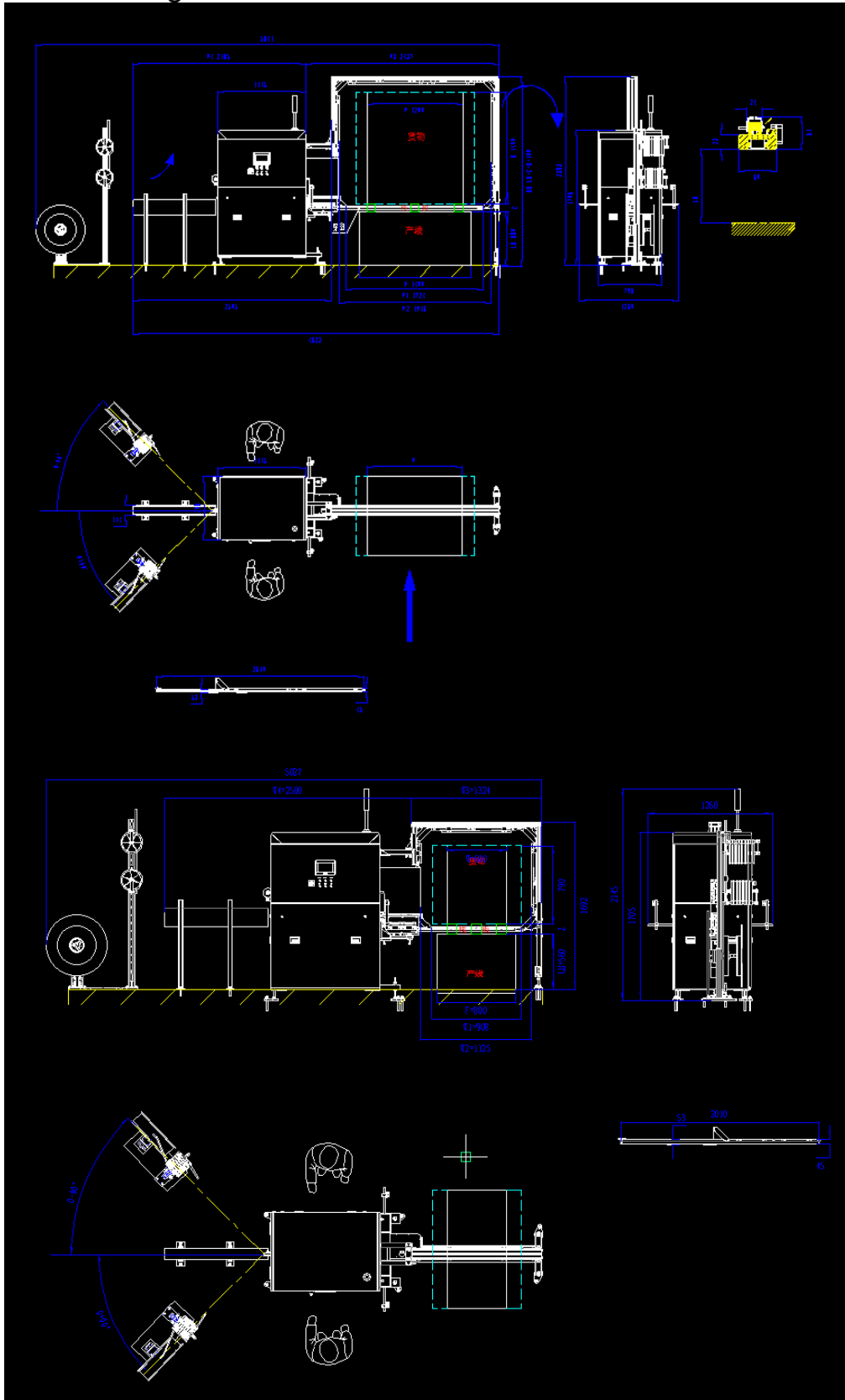
Service

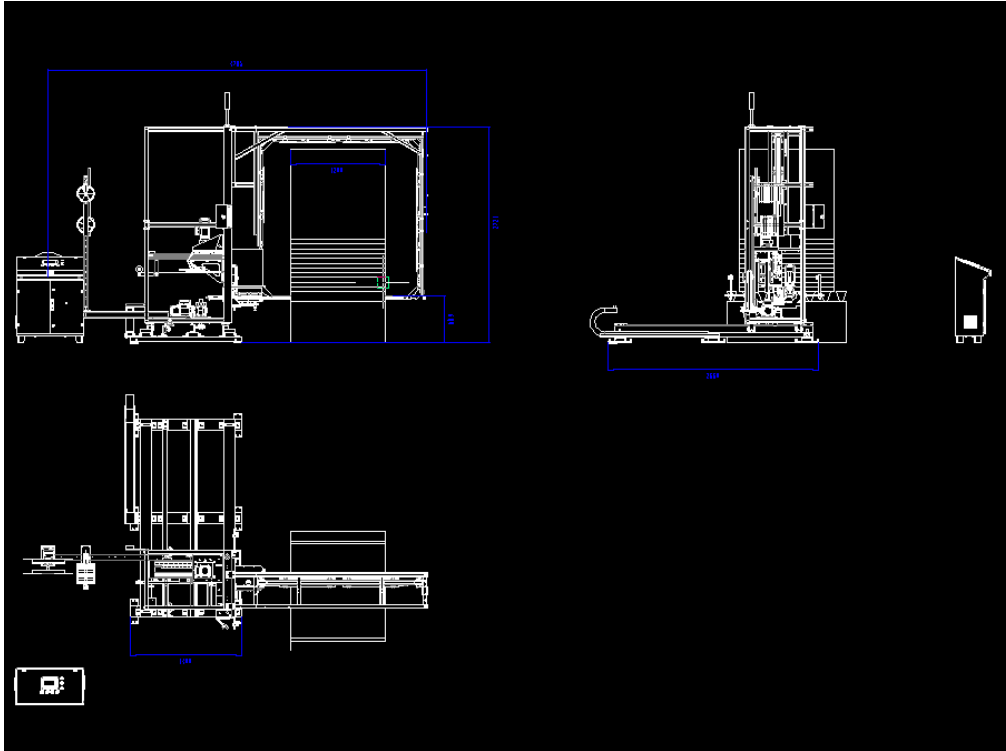
- Professional maintenance team is 18 hours away
- Parts will be delivered within 72 hours
- Professional construction and installation team and staff training



Technical data

Size drawing



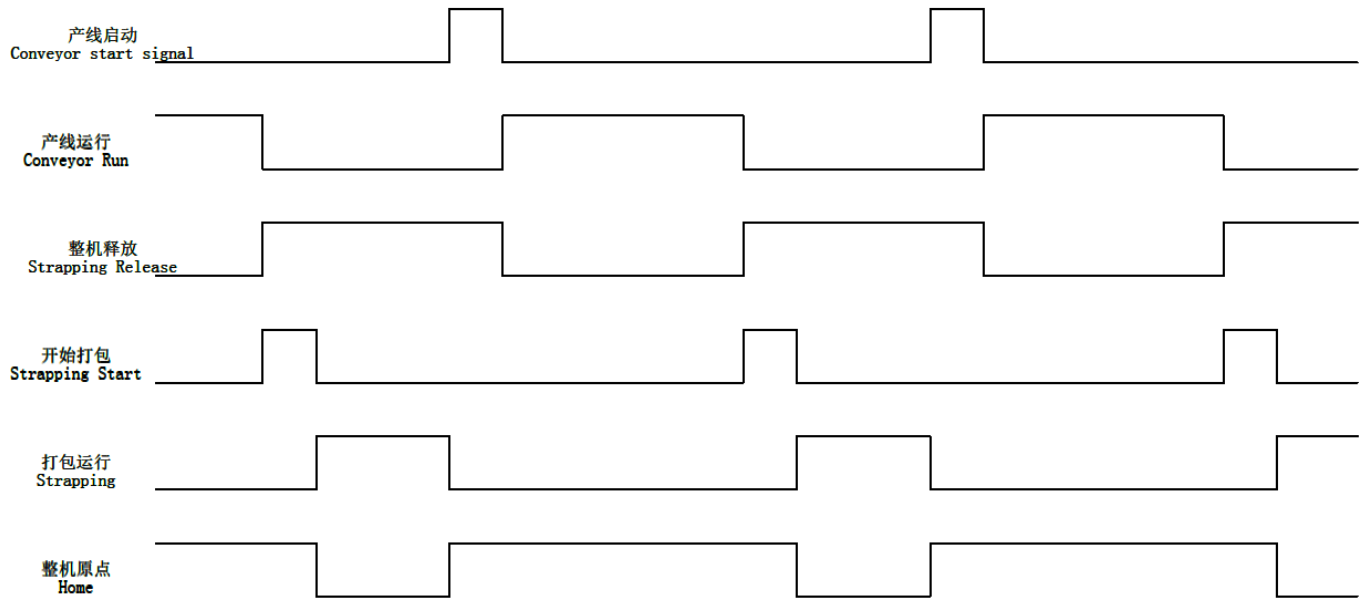


Sequence of operation

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.

Sequence Diagram

外部信号对接时序图
Sequence diagram for customer



Exchange Signal

