

REMOVABLE SWORD THROUGH TOP 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

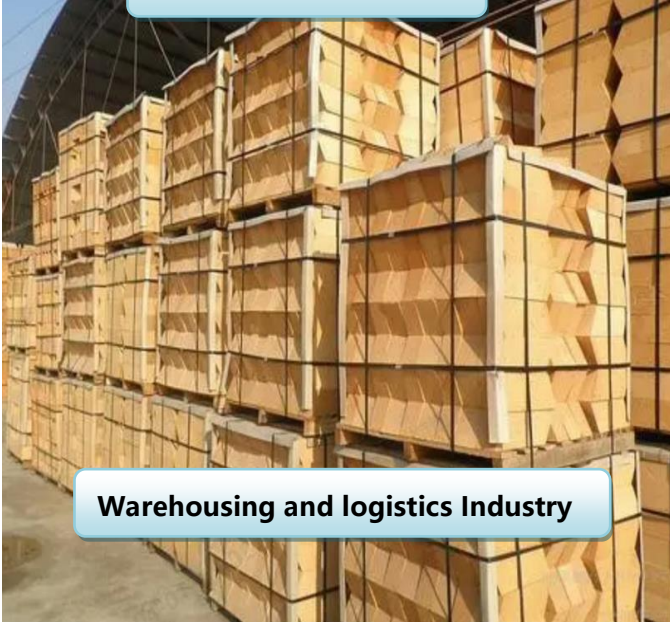
Lance system made with aluminium profile, control by converter, more reliable and no need maintenance

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

| Strapping parameter | | |
|---------------------------|---|---|
| Items | Date | Note |
| Machine size | | |
| Power | 3000W | |
| Power supply | 3P5L AC 380V/50Hz | |
| Press air consumption | | |
| Gross weight | | |
| Net weight | | |
| Package dimension | | |
| Minimum cargoheight | 600mm | |
| Scope of pallet lode size | 1400*1800 (W*H) | Can be customized according to requirements |
| Moving stroke | 2000mm | Can be customized according to requirements |
| Strapping force | 20-250KG (200-2500N) | |
| Band material | PET | |
| Band type | Width: 12、16 Thickness: 0.55-0.8mm 406I.D.、20KG/R | |
| Joint type | Friction welding /80% | Interface strength depends on strap quality |
| Lance drive type | Electric | |
| Strapping cycle time | 25 P/H | |
| Lance height | According to the production line height | |
| Joint position | Top | |
| Belt feeding position | Any hight | |
| section size | 60*51 | |
| Interface | Ethernet | |

Application industry, optional

Fire resistant material



Warehousing and logistics Industry



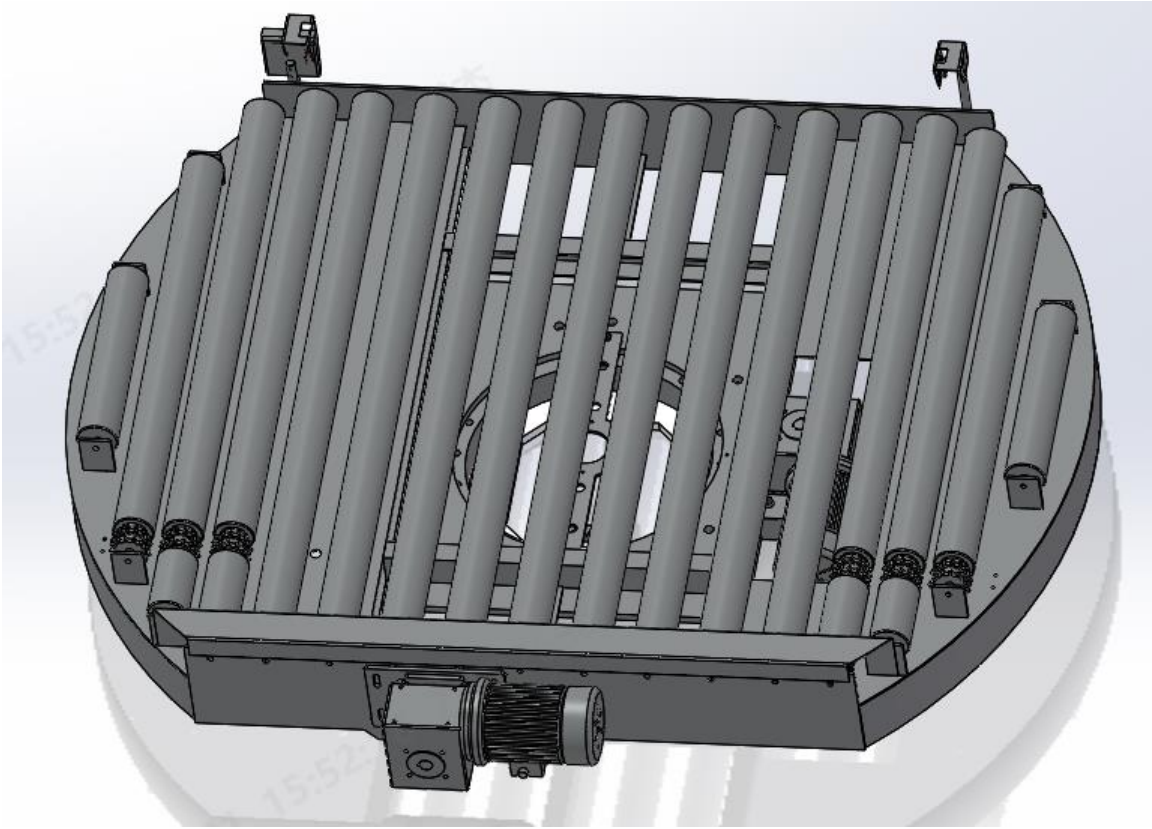
Photovoltaic module



New energy industry



Optional-Rotary table



| Rotary table parameters | | |
|-------------------------|---------------------|--|
| Items | Date | Remark |
| Diameter of rotation | 1.8m/2m | It can be customized according to the demand |
| Speed of rotation | 3-15 Rpm/min | (Speed adjustable) |
| Mode of transportation | Conveying by roller | |
| Minimum height | 350mm | |
| Bearing | Custom | |
| Power | 370w | |

Why choose us?



Movement

- Independent research and development
- Life span over a million times

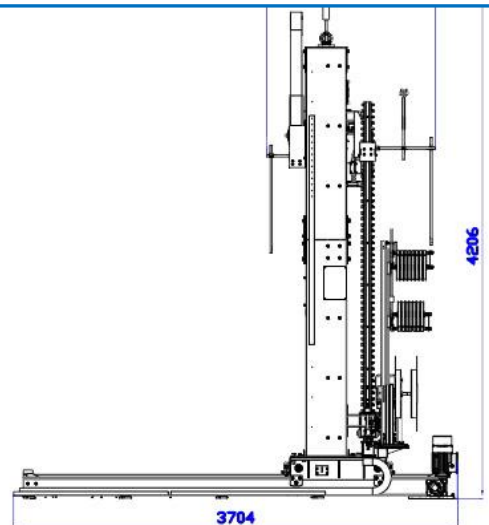
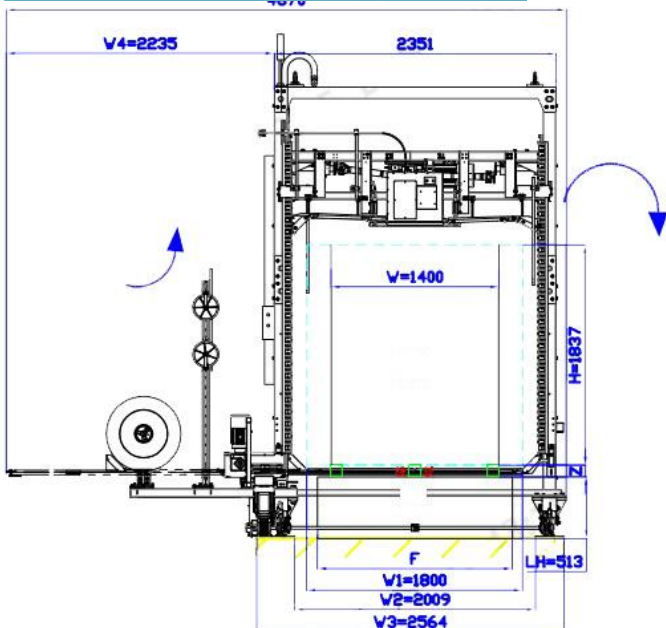
Process

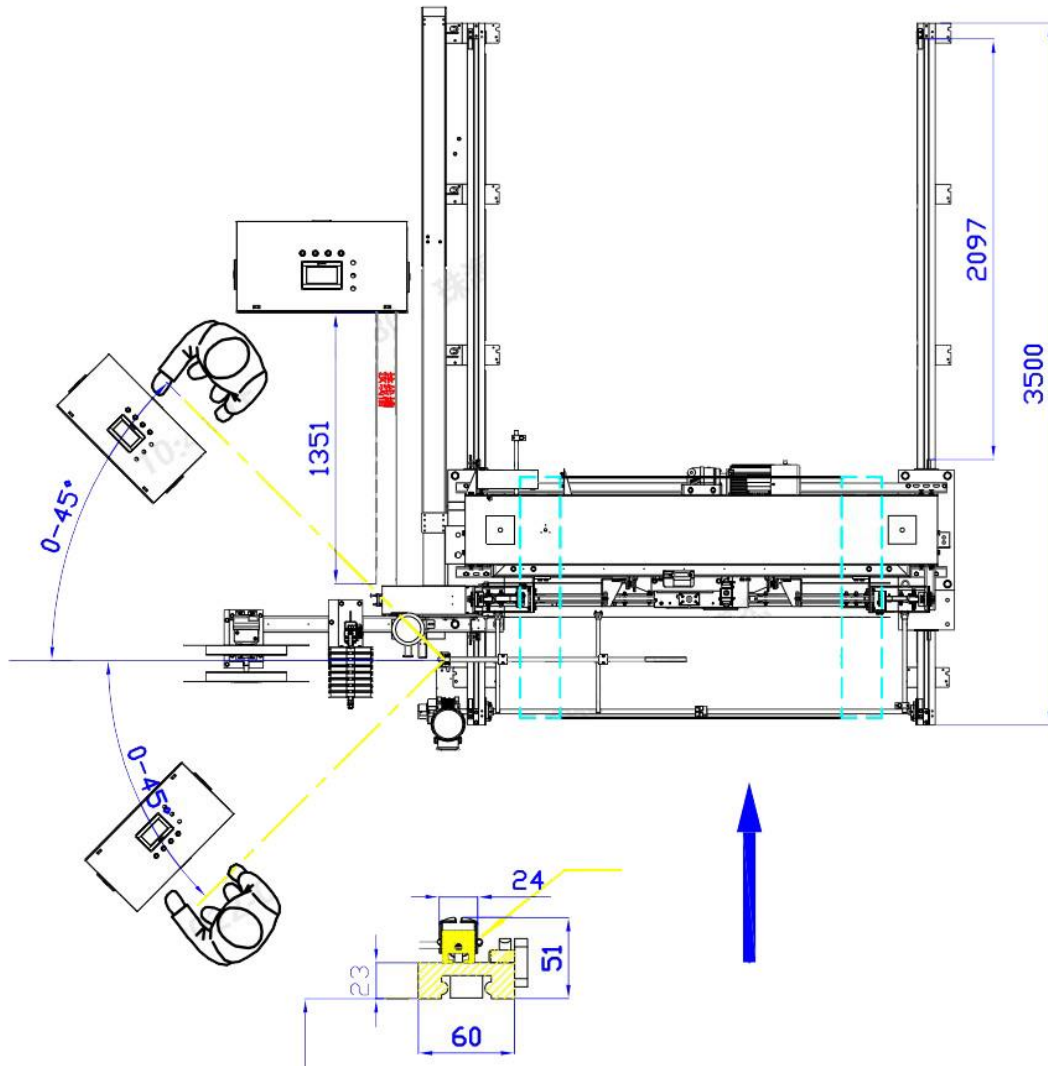
- Quality control from the supply chain to the client
- Single piece flow lean production model
- Strong own supply chain and supporting supply chain



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





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.