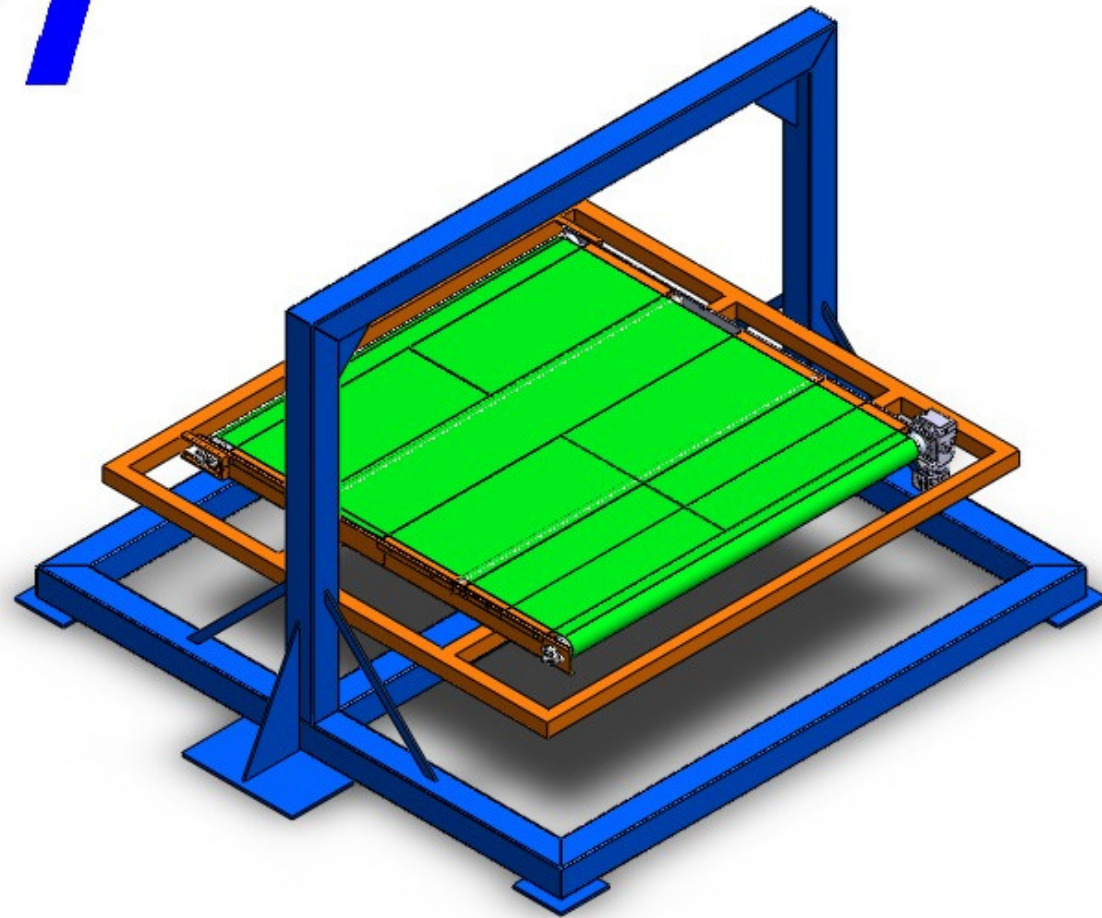


# Mattress Stacker



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## Description

- **Automated Product Placement on Pallets:** The mattress stacker system offers an efficient and automated way to place mattresses or other products onto pallets, eliminating the need for manual labor and speeding up the stacking process.
- **Optimized Space Utilization:** The system is designed to make the best use of available space by stacking the products in a compact and organized manner. This maximizes storage capacity, simplifies inventory management, and facilitates the movement of products to different areas of production.
- **Operator and Forklift Elimination:** By automating the stacking process, the system eliminates the need for operators or forklifts to manually lift and stack the mattresses. This reduces labor costs, minimizes the risk of injuries or accidents, and improves overall operational safety.
- **Gentle Handling of Products:** The mattress stacker system employs gentle handling mechanisms to ensure the mattresses are stacked without damage. This protects the integrity of the products, preserving their quality and reducing waste.
- **Integration with Conveyor Systems:** The system seamlessly integrates with existing conveyor systems, enabling smooth and continuous movement of mattresses from the production line to the stacker for automated stacking.
- **Precise Positioning and Alignment:** The stacker system utilizes advanced positioning and alignment mechanisms to ensure accurate placement of mattresses on the pallets. This helps maintain stability and uniformity in the stacked loads.
- **High-Speed Stacking:** The system is designed for efficient stacking at high speeds, contributing to increased productivity and throughput in mattress production or distribution facilities.
- **Friendly Interface:** The stacker system features a user-friendly interface that allows operators to easily configure stacking parameters, monitor the stacking process, and make adjustments as needed.
- **Safety Sensors and Emergency Stop Features:** The system incorporates safety sensors and emergency stop features to ensure safe operation. These mechanisms detect potential hazards or obstructions and halt the stacking process to prevent accidents.

## Technical Details

### Specification

Capacity	30 seconds per stack
Max product size	210X210 CM
Max product height	40 CM
Max product weight	100 KG
Power requirement	415 Volt AC, 3 Phase, 50 HZ, 5 KW