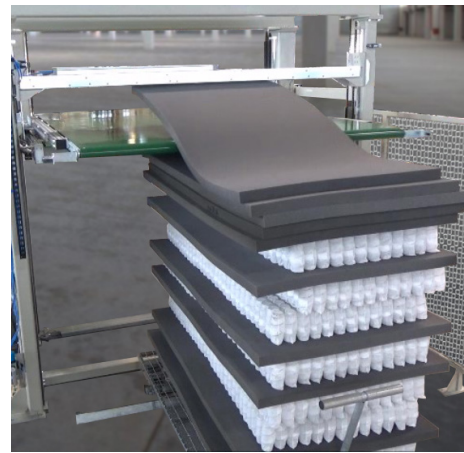


PS140U

Automatic Unit Stacker/Unstacker

Unit stacker from Gateway Systems® transfers various forms of spring units, finished mattresses, and other materials to carts or other transport equipment. The integrated gripper device can also lift and unload units from a stacked pile.



SPECIFICATIONS	PS-140U
Belt speed	600 mm/s in both directions, adjustable
Conveyor horizontal movement speed	600 mm/s in both directions, adjustable
Conveyor vertical movement speed	400 mm/s in both directions, adjustable
Needle gripper vertical movement speed	400 mm/s in both directions, adjustable
Number of curved needles	10
Power supply	3x400V (50/60Hz)
Installed power	8 kW
Compressed air supply	Min. 6 bars, 5 litre/min
Max stack height	2.2 m
Max unit weight	140 kg
Capacity	160 units/hr
Footprint dimensions	6.5 m x 4.2 m

The PS140U automated system transfers various forms of spring units, finished mattresses, and other units to carts or other transport equipment. Its use of motorized belt conveyors protects the transferring units from damage. Integrated grippers also provide a means to unload a stack if necessary.

- Automatically raises, lowers, and extends to place units into position, then returns to collect the next.
- When unloading a stack of units, a gripper bar detects the available unit and lifts it so the extending belt conveyor can slide underneath it and transfer it to the desired location.
- Sensor devices detect motions and unit positions to efficiently stack/unstack springs and beds of all types.
- One of the most effective material-handling systems available for the mattress factory. Remove non-value-add touches from this common labor task.

** If unstacking capabilities are not desired, a PS140 Stacker model is available without the gripper bar unstacking feature. Ask a GSG representative for details.*

Global Systems Group® (GSG) is a collection of the world's leading mattress machinery companies. These GSG machinery companies represent leading-edge technology in computerized quilting machines and panel cutters, automated and conventional sewing machines, material handling solutions, and mattress-packaging equipment.

800-343-8138 • 417-237-6254 • GSGcompanies.com

GLOBAL SYSTEMS GROUP
 A DIVISION OF LEGGETT & PLATT
 131 Zapletal Way
 Carthage, MO 64836 USA