

CHS-6603A Automatic Random Case Sealer | Top & Side Belt Drive



In today's manufacturing environment more SKUs, smaller lots, faster shipping, traditional sealing built around "one fixed box size + manual changeovers" quickly becomes a bottleneck. An automatic Random Case Sealer is purpose-built for end-of-line operations where carton sizes change frequently. Its real value is simple: remove repetitive, low-value sealing and constant adjustments from your operators, so your line can ship consistently without relying on individual skill.

End-of-line pain points

- Multiple product lines converge: When one dispatch line handles multiple product families, carton sizes vary all day. Operators repeatedly adjust width and height, creating micro-stops and slowing the entire end-of-line rhythm.
- Manual sealing quality is inconsistent: Hand-taping often leads to crooked tape, uneven overlap, weak seals, and "out-of-square" cartons. That hurts stacking stability and increases the risk of carton damage and freight loss.
- End-of-line becomes the hidden bottleneck: You may have automated carton erecting and packing upstream, yet throughput still gets stuck at manual or semi-auto sealing—so overall equipment efficiency can't improve further.

Efficiency and flexibility in one machine

- Mixed carton sizes without stopping the line: A Random Case Sealer automatically handles carton size changes, making it ideal for factories where multiple lines feed into one end-of-line packaging and shipping station.
- Squarer cartons for better stacking: With guiding and compression design, cartons exit more square and stable, supporting higher stacking, safer palletizing, and fewer collapses or transport-related damage.
- Consistent sealing quality: Automatic sealing keeps tape placement and seal strength consistent—helping reduce unsealed cartons, carton openings, breakage, and customer complaints caused by manual taping variation.
- Performance and carton range: Typical sealing can be completed in about 2 seconds per carton. Standard box range: carton length \geq 150 mm, width W 155–500 mm, height H 110–500 mm.

What you gain after installation

- Improved OEE: By eliminating small stops caused by adjustments, the end-of-line pace stays aligned with upstream automation. Many plants see clear improvements in throughput and overall equipment effectiveness after adopting an automatic case sealer.
- Lower labor and supervision cost: Let the machine handle repetitive sealing and changeovers. Your team can shift to QC checks, line patrol, and exception handling—boosting output per headcount and reducing dependence on highly skilled operators during labor shortages.
- Less transit damage, fewer returns: Square cartons plus reliable seals reduce stacking and transportation failures—cutting claims, returns, and rework. The impact is especially noticeable for export shipping, long-haul delivery, and heavier cartons in industries like food & beverage, personal care, home appliances, 3C electronics, and hardware parts.

Features

- Carton dragging by Top & Side belts with independent motors
- Can bear up to 35kg loading
- Automatic adjustment of carton width and height. Continuously produce random cartons.
- Stainless roller table for carton movement
- Carton sealing: top and bottom
- The tape head is developed and produce by CHA PACK, the length of tape that can be placed up to 900m. (260mm diameter)
- Dual telescoping mast with cushion. Adjust the unevenness of the carton.
- Machine with mobile locking casters, easy to move anywhere
- Emergency stop on top taping head for quick access
- Side mounted compression rollers for tight seals can be available as an option
- Parts are manufactured with mold.- Stable quality, Short lead time
- Machine can be available with other equipment's, e.g: 1. Labeling mc. 2. Weighing mc. 3. Inkjet Printers
- Combine with case erector, or case strapped or pallet wrapper for end of line packaging automation
- Machines are designed and produced by ourselves. Rugged design, low maintenance rate
- 90% self-production rate, 100% Made in Taiwan.

Specification

| Model | CHS-6603A |
|---------------------------|--|
| Function | Top & Side belt driven |
| Power Supply | 1 phase,110V/ 220V/240V |
| Tape Width | 2" or 3" |
| 2" & 3" Tape Sealing size | L150-∞mm, W155-500mm, H120-500mm |
| Tape overlap | L60±5 (mm) standard |
| Working table height | 570-770mm |
| Conveyor Speed | 20 M/min |
| Capacity | 5~6 cases/mins. (Random sizes) |
| | (Data is for carton length=300mm) |
| | **Depending on box size and operator efficiency.** |
| Control system | Traditional distribution |
| Air compressor | 6kg/cm ² |
| Machine dimension | L1250xW910xH1320mm |