



SED-100WZH Fully Automatic Cartoning Machine Stainless Steel Bottle Packing Cartoner



The SED-100WZH Automatic Cartoning Machine is a high-performance horizontal cartoner built for pharmaceutical production lines where reliability and GMP compliance are non-negotiable. With a speed of 60 to 100 cartons per minute, SUS 304 stainless steel construction, and CE certification, it handles bottles, ampoules, vials, and blister packs across a wide carton size range. Every machine ships with a complete DQ, IQ, and OQ validation documentation package, ensuring your next regulatory audit is met with confidence rather than crisis.

Features and Benefits

- **Pneumatic-Driven Core Actions:** Key folding and insertion movements use pneumatic actuation instead of servo-overload. This reduces electronic failure points and improves long-term reliability under continuous multi-shift operation.
- **Tool-Free Quick Changeover:** Carton size adjustment uses hand-wheel mechanisms and quick-release guides. Format change takes under 20 minutes with no tools required. Recipe parameters are stored in the PLC for one-touch recall.
- **GMP-Ready Validation Package:** Every machine includes DQ, IQ, and OQ protocol templates, material traceability certificates for SUS 304 stainless steel, and a calibration log. Your QA team walks into any FDA, EMA, or MHRA inspection with a complete paper trail.
- **Pre-Shipment FAT with Customer Samples:** Send us your actual carton blanks and product samples before shipment. We run a full Factory Acceptance Test calibrated to your exact materials, eliminating the risk of carton compatibility issues upon arrival.
- **3-Tier PLC Access Control:** Operator, Maintenance, and Admin level permissions with tamper-evident audit trail. Supports 21 CFR Part 11 data integrity requirements for electronic records.

- **Wide Carton Compatibility:** Accepts carton sizes from 40 x 12 x 16 mm up to 200 x 85 x 70 mm with 1 to 4 folds. Suitable for paper stock from 250 to 350 grams per square meter, including FBB and coated grades common in European markets.
- **Industrial-Grade Construction:** Full SUS 304 stainless steel frame and product-contact surfaces. Welded construction eliminates paint peeling risks in cleanroom environments. Total machine weight of 1,100 KG provides vibration-dampening stability at high speeds.
- **Structured After-Sales Support:** PLC-enabled remote diagnostics via video call. Common wear parts (suction cups, belts, sensors) ship within 5 working days. Detailed English operation manual with exploded-view diagrams included. Optional onsite commissioning engineer available.

Technical Specifications

Model	SED-100WZH
Speed	60 to 100 cartons per minute
Carton Size Range	(40 to 200) x (12 to 85) x (16 to 70) mm
Fold Range	1 to 4 folds
Carton Paper Quality	250 to 350 g per square meter
Main Material	SUS 304 stainless steel (frame and product-contact parts)
Control System	PLC touchscreen with 3-tier user access control
Power Supply	380V; 50Hz; Three Phase
Power	1.5 KW
Machine Weight	1,100 KG
Certification	CE (EU Machinery Directive 2006/42/EC)