



HC-4100

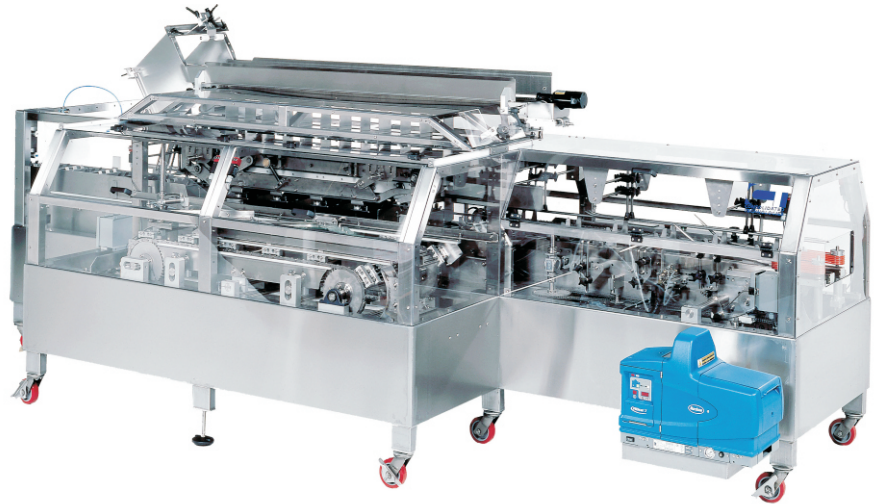
CONTINUOUS MOTION HORIZONTAL CARTONER

CT understands our clients' demands for **high quality** and **low price**; **CT** has engineered to this client-driven value. Our systems are exclusively built from stainless steel and based on over-rugged tubular welded platform. Construction methods or component selection is never compromised ensuring automation dependability. Streamline efficient manufacturing and a better perspective on long-term profitability make Consolidated Technologies one of the lowest costs solutions in the market place for downstream packaging automation.

CONSOLIDATED TECHNOLOGIES
252, JOSEPH-CARRIER
VAUDREUIL-DORION, QUÉBEC
J7V 5V5, CANADA
t. 450.424.8464
f. 450.424.8792
consolidatedtechnologies.ca
info@consolidatedtechnologies.ca

FUNCTIONAL FEATURES:

Touchscreen interface for setup and diagnostics · No product-no carton feed · No carton-no insertion · No insertion-product reject · No carton-no glue application · Consecutive no carton detection · Sensor failure obstruction detection · Product jam detection · Carton jam detection · Position control of pneumatics and glue · Intermittent or continuous operation · Glue system monitoring · Full safety interlocks



CONSTRUCTION FEATURES:

- Stainless Steel and anodized aluminium construction
- Rotary carton feeder
- Rigid monohull frame
- Polycarbonate (Lexan) safety covers

SPEED:

Typically up to 120 cycles per minute in continuous operation · Upgrade to HC-4400 for speeds above 120 cycles per minute

OPTIONS:

Ink jet, laser or emboss coder · Extended motorized carton magazine · Wash down components

HC-4100 is a high quality automatic cartoner that erects, closes, glues cartons and inserts product into cartons. The automatic loading of the product is accomplished with the addition of a barrel feed assembly to the cartoner built on basic foundation of the **HC-120** semi automatic cartoner. The cartoner is constructed of stainless steel and anodized aluminium with the pharmaceutical and food industries intended as target customers. This machine is designed to be adaptable to a wide range of product and speed. The **HC-4100** relies on mechanical synchronization of the various moving components that perform the process of erecting and closing a carton to reduce setup time. Electronic setup parameters are saved and recalled in the form of box recipes using the HMI (Human Machine Interface). The use of the PLC and HMI enables the cartoner to accept a wide range of optional equipment such as coders, labellers, barcode readers and conveyors reducing control system complexity, increasing reliability and performance while concentrating control functions to the touch screen.

*Your first order is our opportunity,
the second is our goal.*