

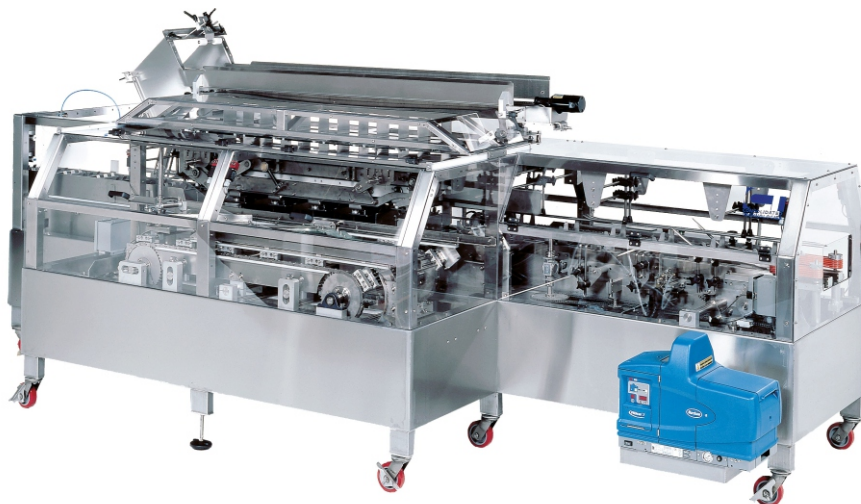


# HC-4100

## CONTINUOUS MOTION HORIZONTAL CARTONER

### FUNCTIONAL FEATURES:

Color 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 · Carton Prebreak Module · Sensor failure obstruction detection · Product jam detection · Carton jam detection · Position control of pneumatics and glue · Intermittent or continuous operation · Gluesystem monitoring · Full safety interlocks



### CONSTRUCTION FEATURES:

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

### SPEED:

120 cartons per minute

Up to 180 cartons per minute: subject to pitch

### 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.

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