

Model HC-120 Horizontal Cartoners



HC-120 is a high-quality, servo cartoner that erects, closes flaps and applies glue (tuck closing available). Product is loaded manually into cartons by operators. The number of loading stations or the number of operators depends on the speed and operator's ability to load the product. The cartoner is constructed of stainless steel and anodized aluminium. This machine is designed to be adaptable to a wide range of products and speed. The HC-120 relies on mechanical synchronization of the various moving components that perform the process of erecting and closing cartons to reduce setup time. Cartoner main drive-Yaskawa Servo- ensures smooth carton conveyor acceleration and deceleration and precise carton positioning control. 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, labelers, barcode readers and conveyors reducing control system complexity, increasing reliability and performance while concentrating control functions to the touch screen.

Features:

- Up to 60 cartons/minute;
- Touchscreen interface for setup and diagnostics;
- Sensor failure/obstruction detection;
- Position control of pneumatics and glue;
- Intermittent or continuous operation;
- Glue system monitoring;
- Full safety interlocks.