AFA Systems
Packaging Automation

MK-CML - Horizontal Manual Load Cartoner

The MK-CML is an economical cartoner that can quickly bring value to your production line. The MK-CML features a double operator station to allow for high manual load packaging speeds. Paperboard cartons; regular, full, or economy flaps; fine flute corrugated; glue, seal or tuck cartons - the MK-CML cartoner handles these cartons with ease. Nordson ProBlue adhesive unit provides accurate glue application on carton flaps. Tuck option is available for tuck style cartons. Allen Bradley controls provide smooth operator control and accurate fault diagnostic capabilities. The MK-CML also includes a "No Product/No Carton/No Load" feature to reduce waste and improve efficiency. Stainless steel construction and full safety guarding are standard.
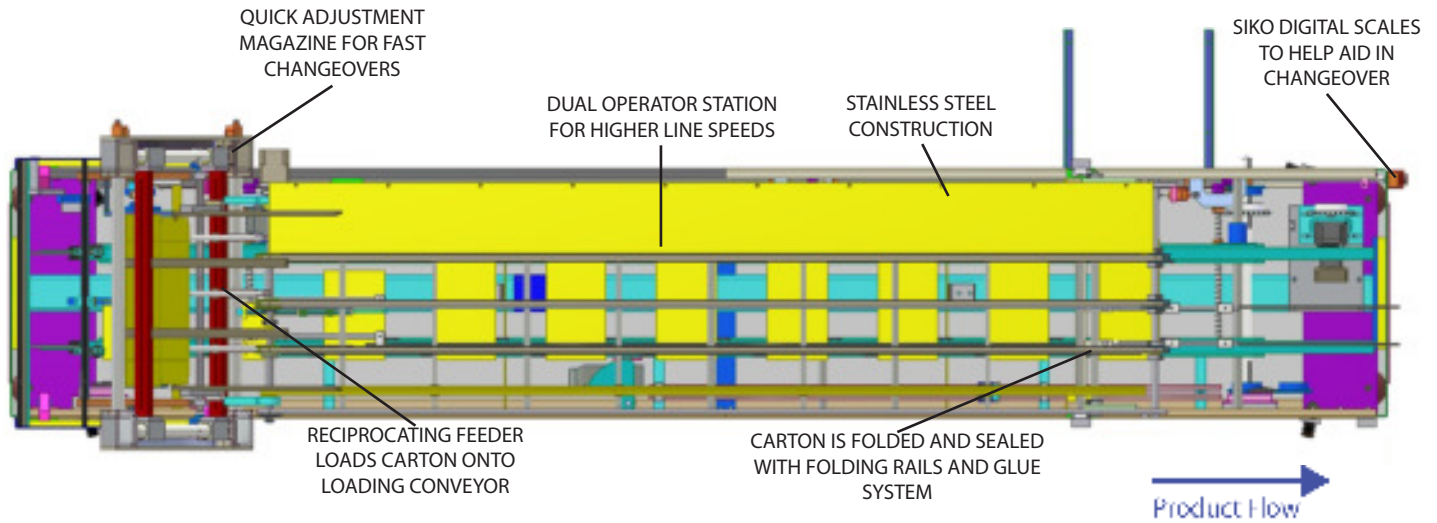
Features

» Molded plastic or stainless steel buckets
» Modular design allows for simple operation and maintenance
» Option of including an extended magazine that can hold a large volume of cartons
» Mounting locations for optional equipment
» Ability to handle special cartons
» "No tools" fine tuning with quick release ratchet handles on key adjustment points allows for quick changeover
» Rust proof rigid construction and U.H.M.W. chain rails provide long life and quiet operation

www.afasystemsinc.com

Typical Floor Plan

QUICK ADJUSTMENT MAGAZINE FOR FAST CHANGEOVERS

DUAL OPERATOR STATION FOR HIGHER LINE SPEEDS

STAINLESS STEEL CONSTRUCTION

SIKO DIGITAL SCALES TO HELP AID IN CHANGEOVER

RECIPROCATING FEEDER LOADS CARTON ONTO LOADING CONVEYOR

CARTON IS FOLDED AND SEALED WITH FOLDING RAILS AND GLUE SYSTEM

Product Flow

Key Components

Screw adjust magazine with scales can help assist in quick and accurate changeover. Operators simply adjust the handles to switch from one carton size to another.

Extended magazine reduces operators time spent on refilling magazine to improve overall production. The extended magazine can hold up to 2,000 cartons.
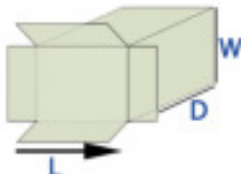

Allen Bradley HMI systems are easy to use and help with fault diagnostic. High levels of precision in flexible production operations are possible with Allen Bradley HMI's.

Carton Size Range

Standard (Special)		L	W	D
Size Ranges (Inches)	min.	.5	.5	5 (2.5)
	max.	14	6	14 (20)

* If size outside carton size range please check with AFA Representative

Process

INFEED CONVEYOR TRANSFERS THE PRODUCT TO LOADING BUCKETS

CARTON FEEDER TRANSFERS CARTON BLANK ONTO LOADING CONVEYOR

PRODUCT IS INDEXED DOWNSTREAM

OPERATOR TRANSFERS PRODUCT INTO CARTON

CARTON WILL BE GLUED/TUCKED AND THEN DISCHARGED