

ECONOCORP INC

PACKAGE DESIGN

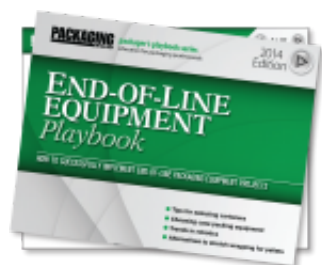
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ARTICLE | MAY 19, 2014



AFA Systems: Bag-in-box autoload cartoner

Suitable for vf/f/s bag applications such as cereal, milk powder, nutritional supplements, and more, the new MK-BIB Bag-in-Box Autoload Cartoner from AFA Systems is a robust, economical packaging system capable of speeds of up to 150 cpm.

FILED IN: Machinery > Cartoning > Cartoners > Vertical

By Gretchen Edelbrock, Products Editor

The cartoner can easily changeover with many single point adjustments. Upgrades to fully servo automatic changeover are available which further reduce changeover time. Many types of supplementary equipment can be easily retrofitted to the MK-BIB including laser/ink printers, scoop feeders, leaflet feeders, checkweighers, and more. Sliding buckets are used for carton loading, which eliminate catch points and ensure positive loading. The cartoner also has a very small footprint to ensure flexibility in end user's manufacturing facilities.

The MK-BIB integrates with upstream vf/f/s machines. Bags come on a conveyor to a dual servo star wheel bucket loading mechanism. The first star wheel receives bags and then drops the bags onto a second star wheel. The second star wheel momentarily holds the bag until it is released into the passing bucket. The bucket moves to the barrel cam loading system with overhead confiner and loads the product into the carton.

Cartons are erected by a servo driven rotary feeder. After the carton is filled, it is discharged downstream for further processing.



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The MK-BIB is equipped with an Allen Bradley ControlLogix PLC and servo motors for reliable operation and accurate fault diagnostics. Numerous options are available including overhead confiners, overhead squaring chains, bar code readers, extended carton magazine, pre-break rotary feeder for square cartons, and open flap detectors.

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SUPPLIER: [» AFA Systems Ltd.](#)

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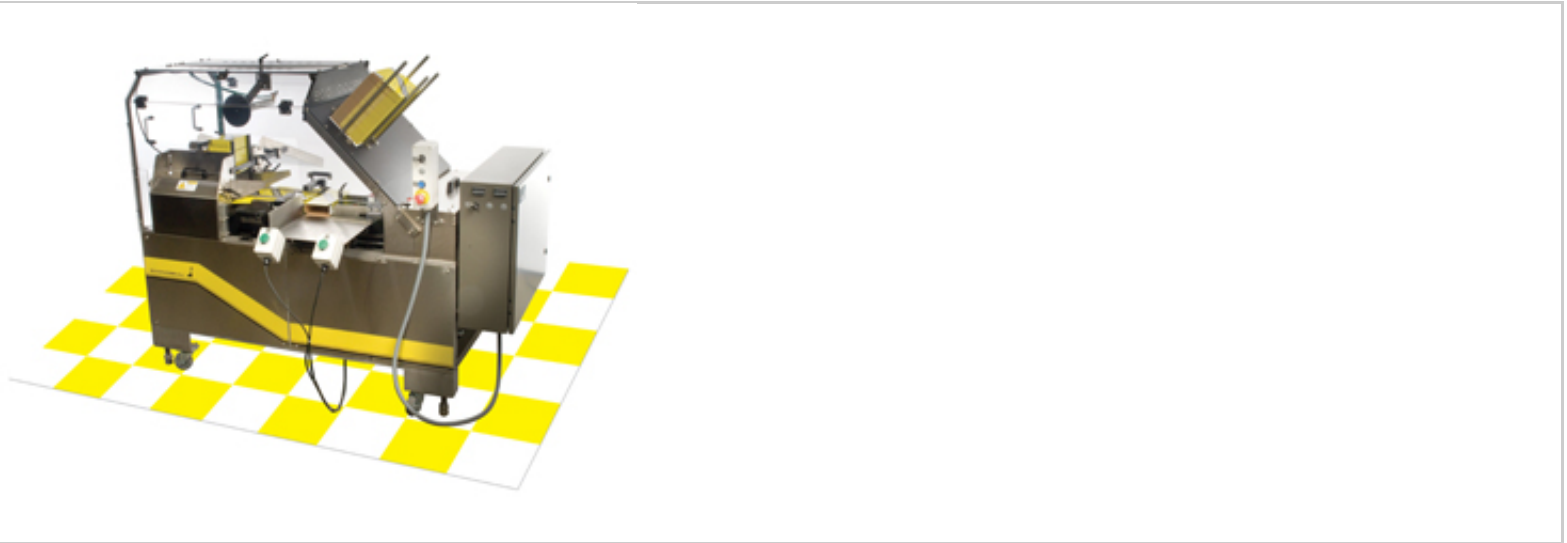
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