

Product Innovation **Factory Automation Solution Innovators**

KRAKEN KCP130-20 High Speed Drop Load Case Packing

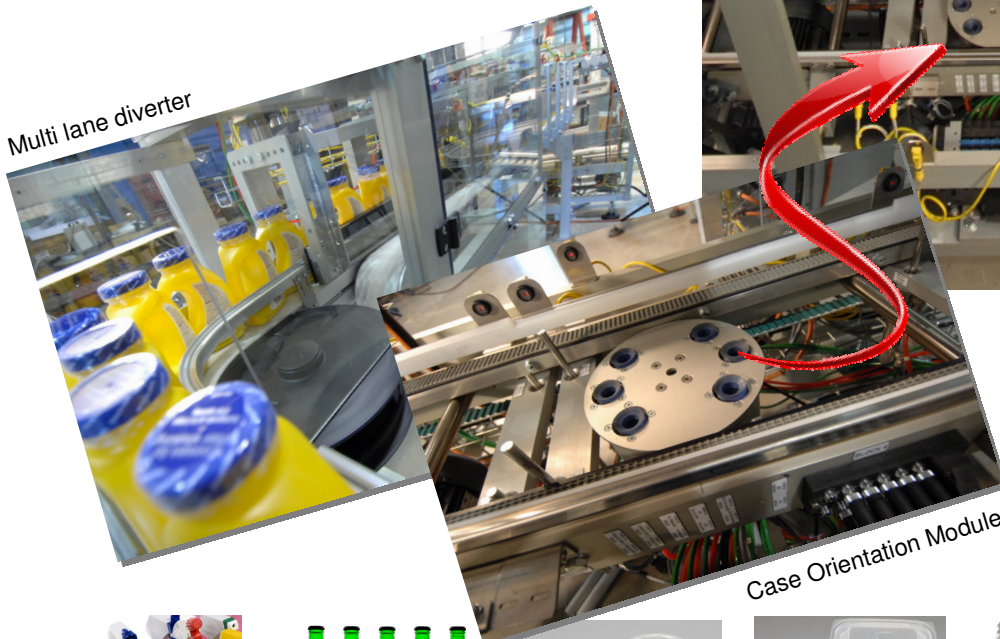
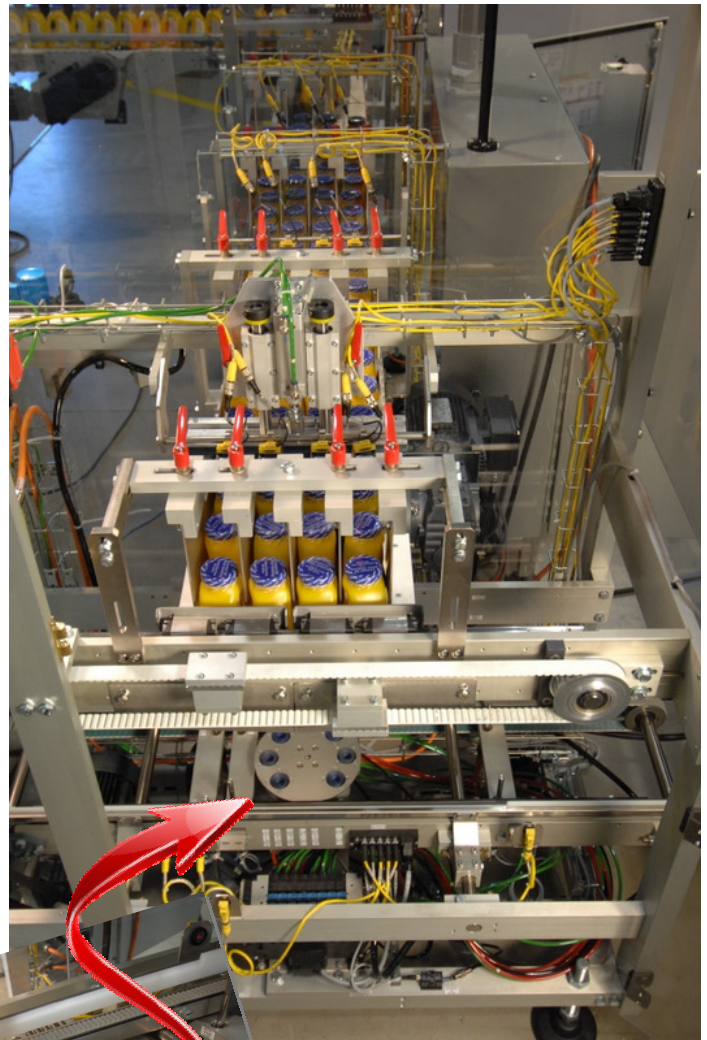
(Small Footprint (4' X 12') Including Infeed and Lane Diverter) - 130 BPM/20 CPM

Achieving greater throughput and product handling within very limited footprints, with multi product SKUs and at high speeds is a goal for many manufacturing facilities.

Kraken's latest engineering developments and line integration of our very own design and manufactured drop-load case packing machine, along with insertion of case erector and conveyance, demonstrate the highest level of creativity, flexibility, and customization to handle such challenges as small footprint and continuous case loading orientation.

Our recent high speed, small footprint design (within a 400 sq.ft.) provides an area for cases to be erected (two different case sizes and bottles) with product infeed and case conveyance, and introduce cases to loader with correct loading orientation. Bottles are presented single file, feeding into a lane diverter that sequences products across four lane infeed and collation area, arrayed onto a dead plate and then drop loaded into travelling cases below. Empty cases are erected, bottom taped and introduced into loading area via a roller delivery system. Once cases are staged into position under loading area, carton flaps are retracted for clear drop passage into case. Cases can be oriented 90 degrees for specific pack configuration or loaded as in and discharged and conveyed to a case sealer and palletizing.

Multi product applications: Bottles of all sizes for food, beverage and house hold consumables. including, stand up pouches.



Multi lane diverter

Case Orientation Module

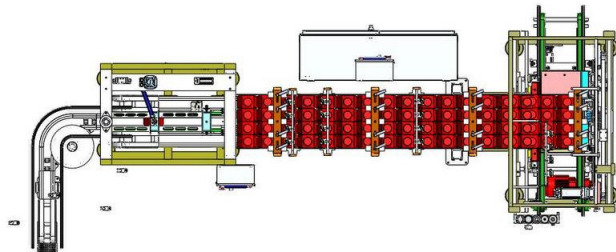


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Highlights

- **130 BPM / 20 CPM**
- 2 axis system infeed diverter and drop gate
- Small footprint space 12' X 6' X 6' (infeed accumulation and drop packer) depending on required product and rate
- Multi-lane diverter, infeed collation (auto sensing for high and low prime accumulation)
- Integrated case orientation system for complete loading flexibility
- Auto case management system
- Operator interface for product select, system controls and alarm display
- System flexibility and customization to meet case/bottle sizes and handling
- Allen Bradley controls and operator interface



Bottle Lane Diverter System



Infeed Accumulation and Staging Area



Drop-gate Loader

[Contact us today for more information as to how Kraken Automation can assist you with your high speed drop load case packing solutions.](#)

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