



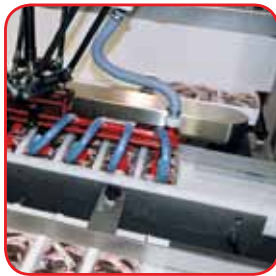
“ With Superior design and experienced staff, Propack is the elite equipment provider in the industry. ”

Spencer Beach
President, Northern Gold Foods Ltd.

LJ Series Robotic Top Loader

PRO**PACK**
The Power of Performance

LJ Series Robotic Top Loader



Infeed Loading

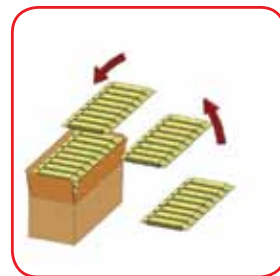
Propack Processing and Packaging Systems Inc. is a manufacturer and supplier of automated packaging machinery, leading the way in robotics and innovation in the packaging industry. Pioneering robotic technologies, the Propack team has been installing and supporting installations for over 25 years, leading to the invention and development of the world's fastest collating system, the LJ Series Robotic Top Loader.

The company's value is in its exceptional team of technically adept professionals with extensive packaging knowledge and experience. Propack's core competencies lie in engineering, integration, project management, and service of packaging systems.

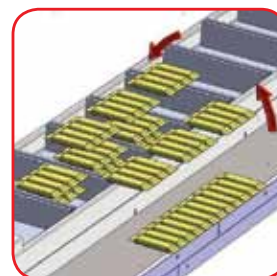
Our mission is to deliver "The Power of Performance" and continuously exceed our customers' expectations. Ninety percent of Propack's business comes from repeat customers who continue to rely on us for their new product launches, new facilities, machine retrofits and efficiency consultations. Propack is known for its insistence on delivering best in class equipment and flexible automation solutions.



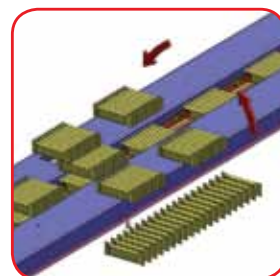
Loading a top load carton



Case Loading



Loading flow wrapper for multipacks



Sticker Pack

The Power of Performance

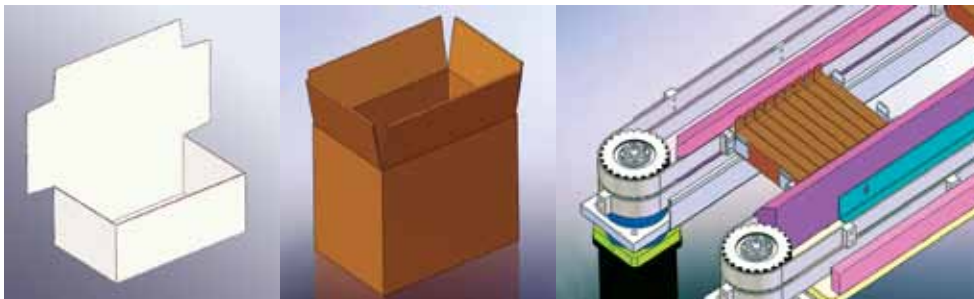
...means that our vast experience and expertise is concentrated in the areas that directly offer the most value to our customers:

- High Speed Automation • Packaging Line Project Management • Motion Control and Robotics
- Machine Design • Integrating complete packaging solutions



Features

- Delicate handling of products at speeds of up to 1000 products per minute
- Up to 60 robot picks per minute loading into six or fewer cartons simultaneously.
- Flexibility to run products of different lengths, widths, and height with fast, tool-less changeovers
- All parameters can be adjusted through mature touch screen programs.
- Seamlessly incorporates ABB robotics
- Modular design allows flexible packaging line configurations
- Lugless carton management system allowing infinite carton and case sizes
- Allen Bradley and Indramat control solutions are the most common, however all controls manufacturers are offered.
- Clean and sanitary design with the highest standard of welded stainless steel construction
- Standard or caustic washdown versions available
- Small footprint, open design and cantilevered belts allow for ease of maintenance.
- Loads into all sizes of cartons, trays, cases, wrapper infeeds, cartoner infeeds or any combination of two or more



Top load carton

RSC Case

Sticker Pack



Common Machine Modules

Servo Infeed – A servo driven vacuum belt infeed grips products and properly pitches them into the machine. High speed inspection checks for proper pitching and product length, rejecting any faulty products.

Race Track – Single, double, and triple servo driven race tracks are available depending on requirements. Products are accepted from the infeed and indexed 90 degrees into groups in preparation for robot picking. Single race tracks allow for picking “on the fly” while double and triple versions allow for stationary picking. The triple version also acts as a built in buffer to handle fluctuating speeds.

Robot – ABB robots are used to pick and group products for placement using vacuum or mechanical grippers. The robot used depends on the application and product characteristics. Speeds of up to 60 picks per minute and payloads up to 30kg can be accommodated.

Carton Management – A four servo, side belt system quickly and accurately pitches and positions cartons, trays, or cases for loading. Since the system is lugless, a changeover only requires a 15 second tool-less adjustment of the side belt width

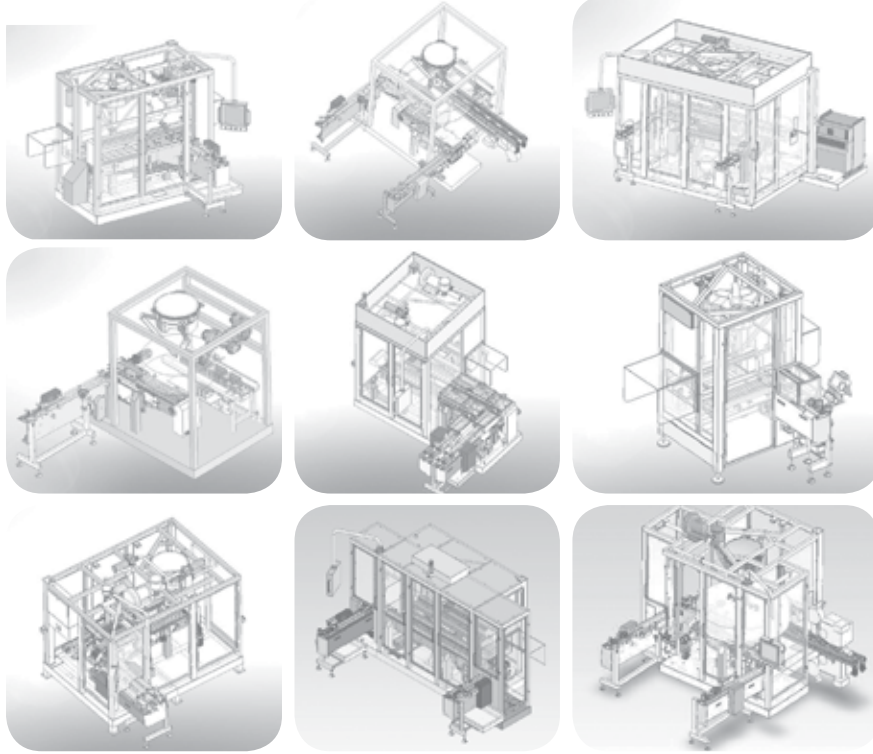


PROPACK

The Power of Performance

U Line of Top Loading Machinery

Propack is different than other manufacturers in that we do not force a machine into an application. On the contrary, we adapt our machinery to fit the application. Rather than selling a standard line of products we utilize a stable of proven modules and technologies and configure them to the customer needs. Our business is setup to efficiently create custom solutions without sacrificing cost or lead times. Below are a few examples of the unlimited options, all created for specific customer needs.



“ We adapt our machinery to fit the application ”

KW
KLIKLOK • WOODMAN

Propack is proud to be a packaging solutions integrator, partnering with Kliklok Woodman.

MEMBER
PMMI
*Leading companies.
Leading solutions.*



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The Power of Performance