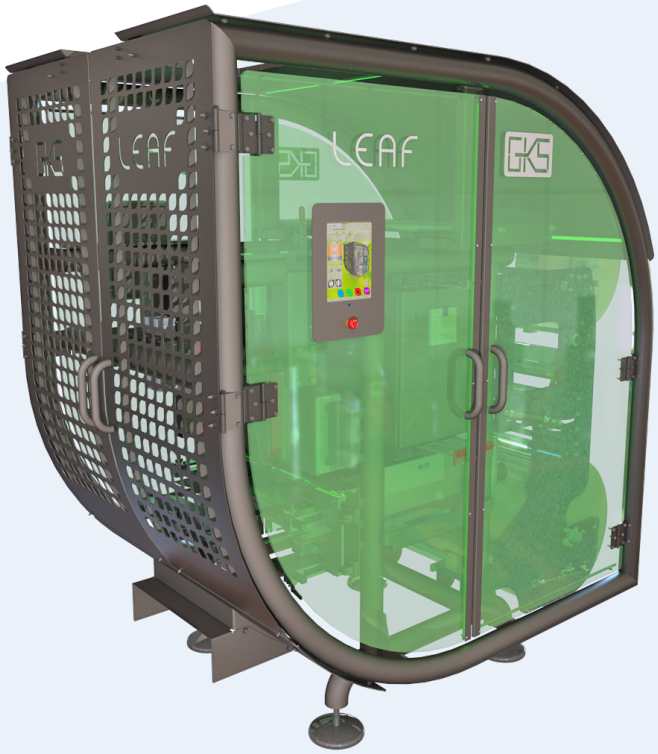
KRONEN
THE CROWN FOR FRESHNESS

Packaging

LEAF paper packaging machine

The leaf can be used to package agricultural products such as potatoes or onions into sturdy paper bags that do not absorb moisture from the product.

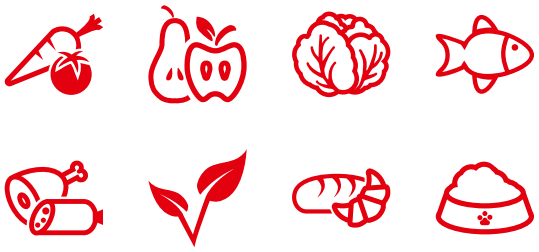
up to 25 bags/minute Capacity



Your benefits

- Optimized for paper packaging, with a special configuration set
- Particularly user-friendly due to LED lighting to display the machine status and iPad interfaces
- Lower carbon footprint due to the use of components made from recycled ocean plastic

Product groups



Portrait

Packaging food products in bags made of recyclable paper

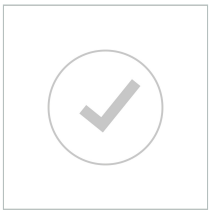
The LEAF packaging machine from KRONEN's partner GKS Packaging B.V. was developed especially for packaging food in paper bags. Products such as whole, unpeeled potatoes, carrots, onions or similar products can be packaged in pillow or block bottom bags with carrying holes. The bag width is adjustable between 190 mm and 400 mm, and the bag length is unlimited (is 480 mm per sealing step). The packaging material is recyclable, compostable paper made of an FSC® certified mono-material that does not absorb moisture from the packaged product and maintains its rigidity and structure.

The packaging machine construction is modular and open, making the inside of the machine easily accessible for simple cleaning and maintenance. Some components are made from recycled ocean plastic.

The machine can also be operated with

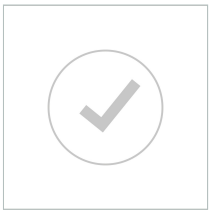
conventional packaging film.

Benefits



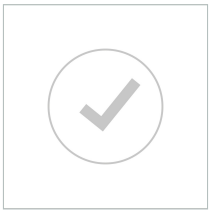
Intuitive operation

The machine is operated by means of iPad interfaces on both sides of the machine. The machine status is quickly visible by means of intelligent LED lighting. The packaging machine is very easy to operate without prior knowledge due to its good accessibility and clearly arranged operation.



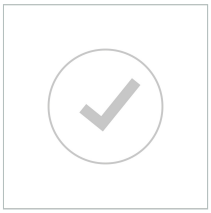
Automatic detection of bag length and the end of packaging film

A light barrier can automatically detect the bag length of pre-printed paper bags. The LEAF also detects the end of the packaging film independently.



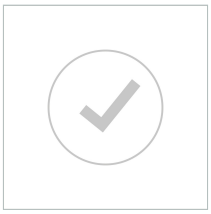
In-line net applicator for secure sealing of viewing windows in paper packaging

When producing bags with a viewing window, the machine can close the bags directly with a net so that no products can fall out.



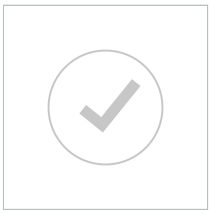
Allen Bradley PLC and electrical components

The 99 program memory locations enable a wide of recipes to be easily stored, ensuring consistent packaging results. The high-quality electrical components guarantee the smooth operation of the packaging process.



Servo-driven film transport

The LEAF has an ergonomic film holder with a motor-driven film roll and tensioning system so that the packaging material is always unwound from the roll in the optimal position and transported to the sealing process.



Modular design for fast maintenance

The modular design allows individual components to be replaced quickly, which avoids long downtimes and high costs for maintenance work. Accessories can therefore also be replaced or retrofitted particularly easily and quickly.

Technical data

Electrical power	Power	2.5 kW
	Voltage	400 V
	Frequency	50 Hz
Air	Working pressure	8 bar
	Air consumption	220,748 NL/h
Dimensions	LxWxH	1950 x 1250 x 2000 mm
Film and bag specifications	Film width	max. 840 mm
	Film thickness	25–150 ?
	Film roll inner diameter	76 mm (3”) – 152 mm (6”)
	Film roll outer diameter	600 mm
	Bag width	min. 190 – max. 400 mm
	Bag length	unlimited
	Bag length per sealing process	max. 480 mm

The data indicated are standard information. In addition, adaptation to other supply networks (e.g. 230V/60 Hz) is optionally possible (except for manual and pneumatic machines). Subject to changes.