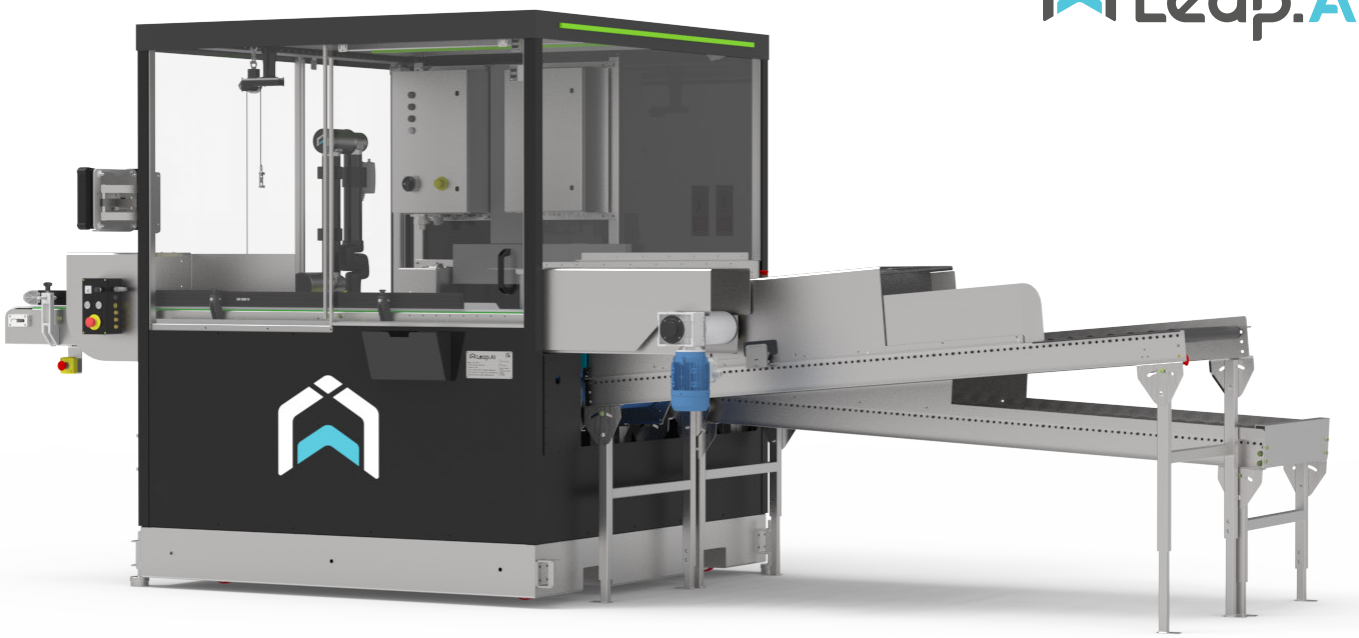
PikPak

From Leap.AI



Reliably reducing the cost of packing

PikPak™ by Leap AI is an end-of-line robotic packing system for food and drink manufacturers looking to reduce reliance on manual labour while maintaining consistent, high-throughput packing.

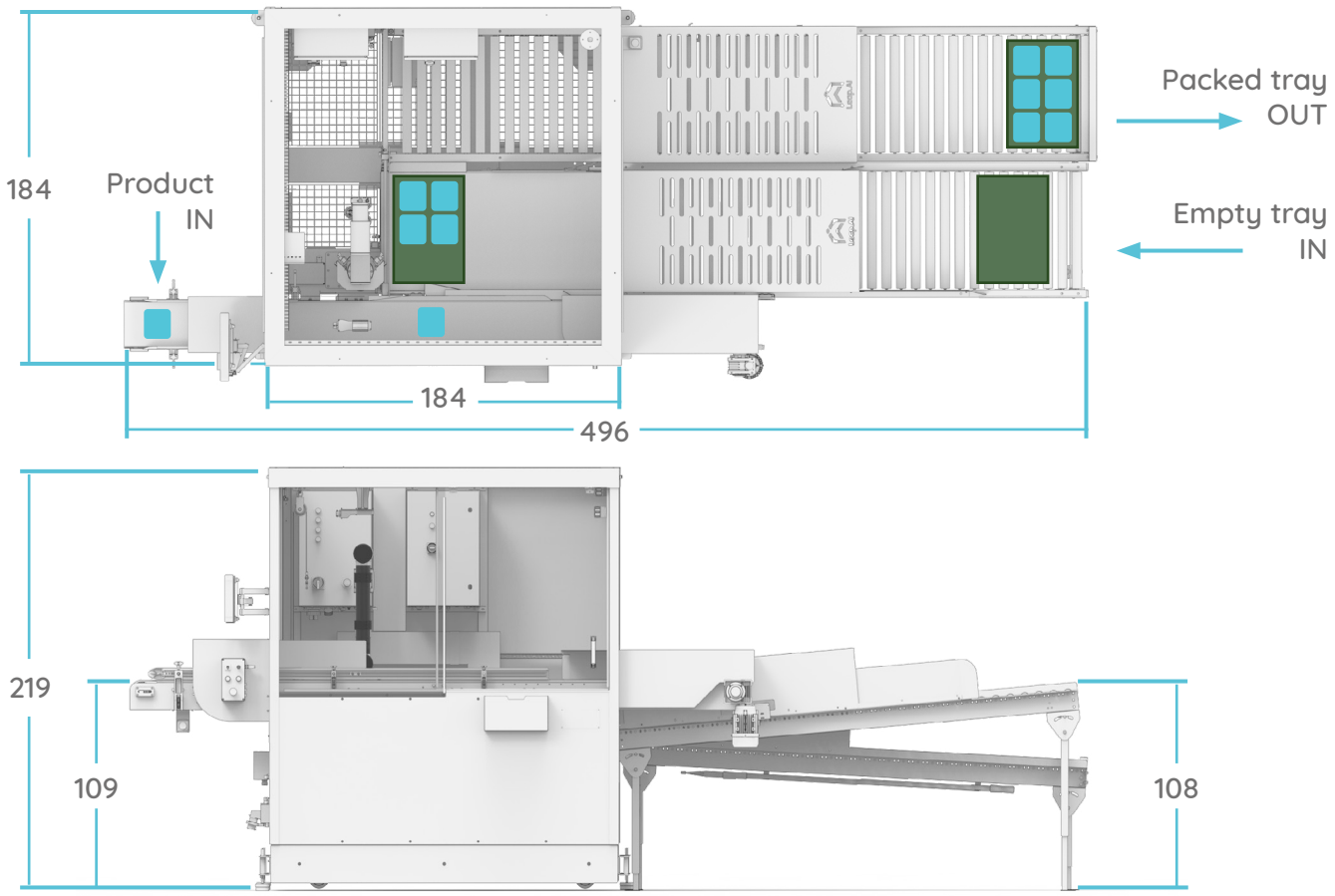
Designed, built, and supported in the UK, PikPak combines in-house robotics, vision, and software into a single, fully integrated system that slots seamlessly into existing packing lines. The result is dependable automation with a clear route to scale as products, formats, and production demands

Key features include:

- Conveyor infeed aligned to your existing line outfeed
- Intelligent robotic manipulator designed and built by Leap AI
- Automatic tray change system compatible with the majority of major retailer trays
- Custom end-of-arm tooling for a wide range of products and packaging formats
- Remote diagnostics, support, and production data logging
- Future-proof software that evolves with your operation

Product Datasheet

Internal Ref. QLT35-001-2300-BOM



Units: cm

Speed	Up to 30 cycles per minute (customisable to multiple products per movement)
Max pack weight	1.5kg
Tooling	End effectors customised to product range required. Typical applications are punnets and flow wrapped produce
Retailer tray compatibility	Currently 85% of major retailer specified trays and cardboard boxes
User interface	Intuitive touch screen and simple user interface for production run selection and setting
Materials	Enclosure - stainless steel 304, Panels - Polycarbonate
Ingress protection (minimum)	IP55 (external) and IP54 (inside enclosure)
System safety	Safety circuit with emergency stops and door switch cut out (SIL CL 2)
Access	Enclosure door and access window
Packing modes	Automatic, manual
Additional options	Variety of QA/QC options per application
Electrical requirements	Single phase 230V AC (-6%/+10%) 16 Amp 50Hz
Pneumatic supply requirements	Oil free, clean compressed air at 6 bar min. Internal water filter with auto drain