



SMART DELTA WRAP FOR SNACK MULTIPACKS

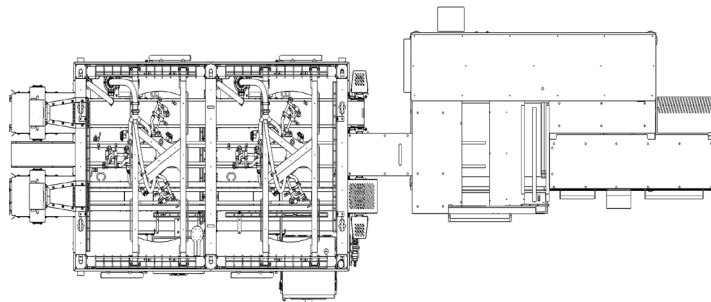
AT A GLANCE

The all-in-one packaging solution for snack multipacks.

DESCRIPTION

Smart Delta Wrap is a **fully integrated solution for the packaging of snack multipacks**.

It combines renowned **Delta Robot Packaging technology from PWR** with the acclaimed **ACMA FP Single Flow Wrapper**, all managed seamlessly through a single intuitive human interface (HMI) system. The solution is equipped with a 2D vision scanning software system that ensures only high quality products are delivered to the end consumer. This all-in-one solution simplifies operations, reduces complexity, and ensures precise, high-speed, continuous production of potato chips and snack multipacks.



Scalable solution

BENEFITS



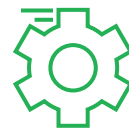
OVERALL PROCESS EFFICIENCY

- Scalable, compact and **advanced entry level solution**.
- Delivery of **high outputs** and quality sellable products.
- Built to last, maximising uptime and delivering the **highest lifetime value**.



EASY OPERATION

- **A single HMI** to control robotic cells, 2D Vision and flow wrapper.
- **Reduced operational complexity:** fewer interfaces, less training, lower risk of error.



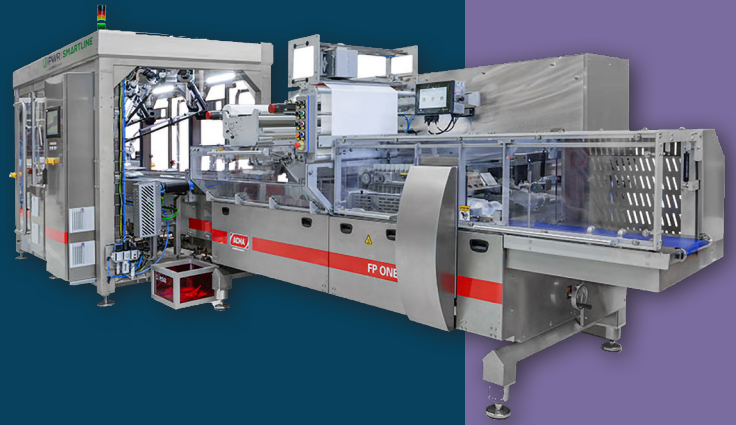
FLEXIBILITY

- Solution can **easily be programmed** to accommodate changes in product.
- **Small footprint, scalable** and equipped with advanced technology.

THE SOLUTION

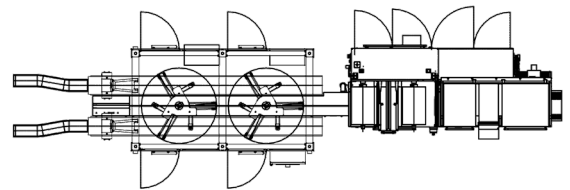
Smart Delta Wrap easily adapts to different line configurations, offering direct connections between primary and secondary packaging and decoupled feeding solutions via the integrated **PWR | VTM Feeder system** that singulates packages.

The scalable nature of the solution can be built up to two robot cells to align with the required production capacity to **deliver maximum efficiency and operational continuity**.



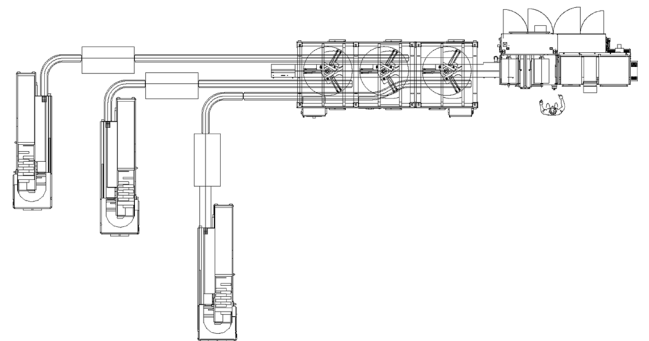
DIRECT COUPLED LAYOUT

Smart Delta Wrap integrates Pick-and-Place robots, flow wrapping and 2D vision in to a seamless process. At the infeed, products are scanned by 2D vision to determine location and orientation before they move into the robot cell to be picked by **Delta robots** using vacuum grippers and **placed precisely for multipack formation**. The flow wrapper ensures consistent alignment of product. The automatic rejection system guarantees quality, and the line is ready for end-of-line integration via conveyors for efficient, uninterrupted packaging.



DECOUPLED LAYOUT

In the decoupled configuration, the infeed of products is managed by the **PWR | VTM feeder**. This solution singulates products and organizes them in a continuous and orderly manner before they are transferred on conveyor belts into the **Smart Delta Wrap**.



COMPATIBLE FORMATS

Smart Delta Wrap can assemble multipacks in the packing patterns from 4 up to 12 single packs in different layouts. Within the following dimensional limits for packaging:

- Length: up to 500 mm
- Width: up to 160 mm
- Height: up to 130 mm

