



Packaging for Ice Cream and Frozen Food

CT PACK srl



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Complete Advanced Packaging Solutions for



CUPS & CONES



EXTRUDED & SANDWICH



BREADED PRODUCTS



FROZEN PIZZA

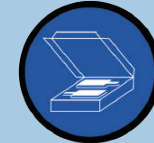
Ice Cream and Frozen Food Line



Products Handling
from hardening tunnel



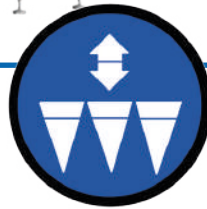
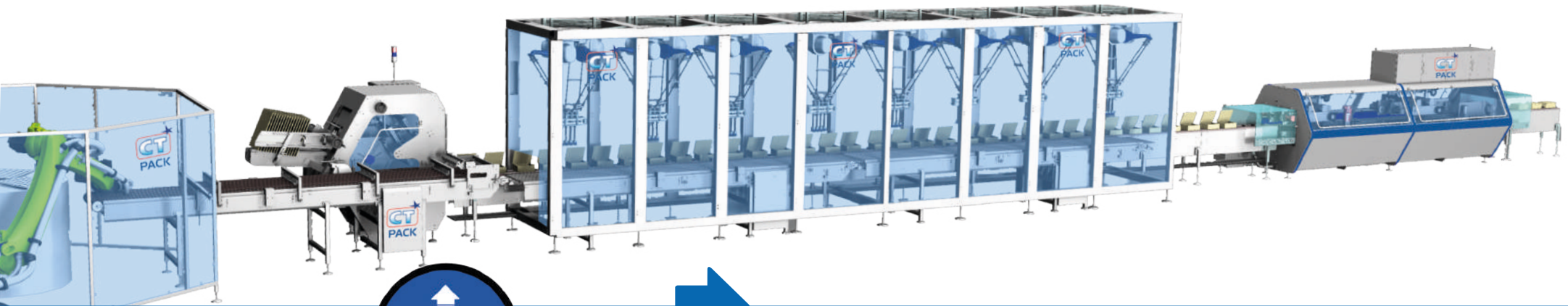
Primary Wrapping
with single / multilane high speed
horizontal machines



Multipack / Box Loading
with integrated robotic
cartoning system



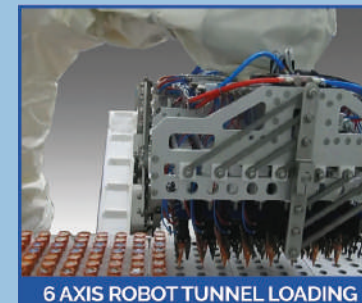
Case Packing
for RSC Case style with robotic
Form / Fill / Close System



PRODUCTS HANDLING

Thanks to the historic **Vortex Systems** and **Otem**, pioneers in the **handling of ice cream products**, CT Pack offers state of the art solutions for loading and unloading frozen products from hardening tunnels for **distributing and feeding products** high arriving from enrobing sections, and picking and placing products directly over the flow-wrapping machine infeed lanes.

The machines allow interface with high-capacity production lines of more than **1,000 products/min.**, incorporating either a sophisticated **6-axis robot**, distribution station, or delta robot with **vision technology** to directly feed the primary and secondary packaging sections.



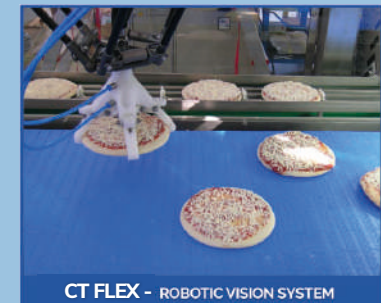
6 AXIS ROBOT TUNNEL LOADING



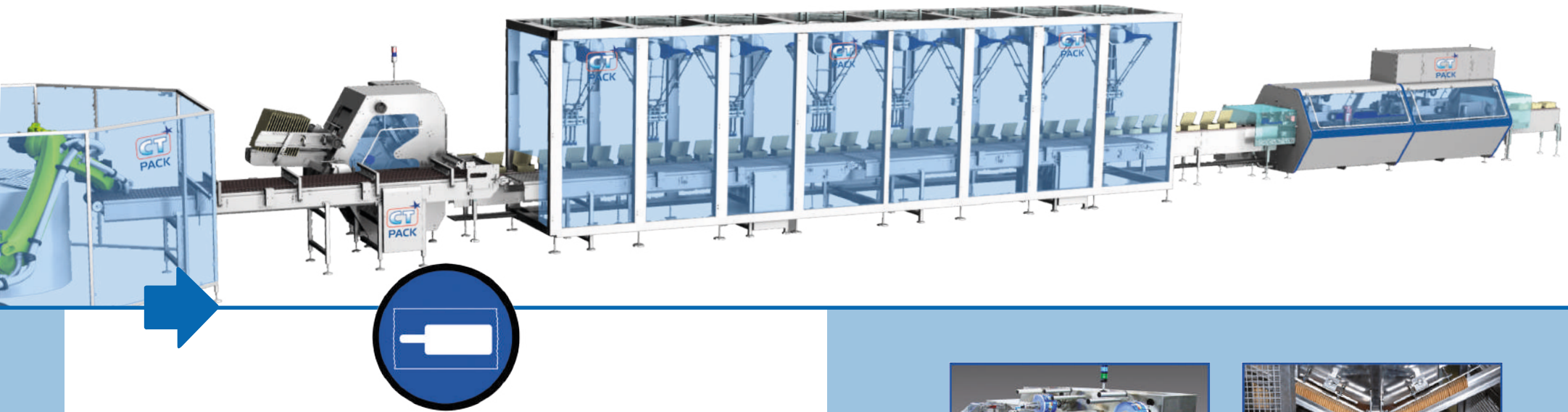
EXTRUDED BARS FEEDING



ALIGNING SYSTEM FOR RANDOM PRODUCT



CT FLEX - ROBOTIC VISION SYSTEM



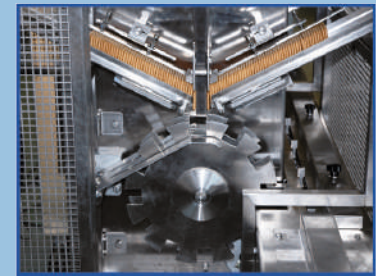
PRIMARY WRAPPING

Thanks to Otem's extensive experience in the field combined with the most advanced technology have allowed CT Pack to **manufacture flexible and high-performing machines**. CT Pack offers the widest range of wrapping solutions available on the market for this food category, including single and multi-lane flowpacks with **up to 13 independent lanes**.

The film path can be located above or below the product, and allows direct loading of it on the film. Our expertise includes **feeding and flow wrapping solutions** for pizza and frozen snacks, in standard or highly flexible production lines.



M120 - SINGLE LANE WRAPPER



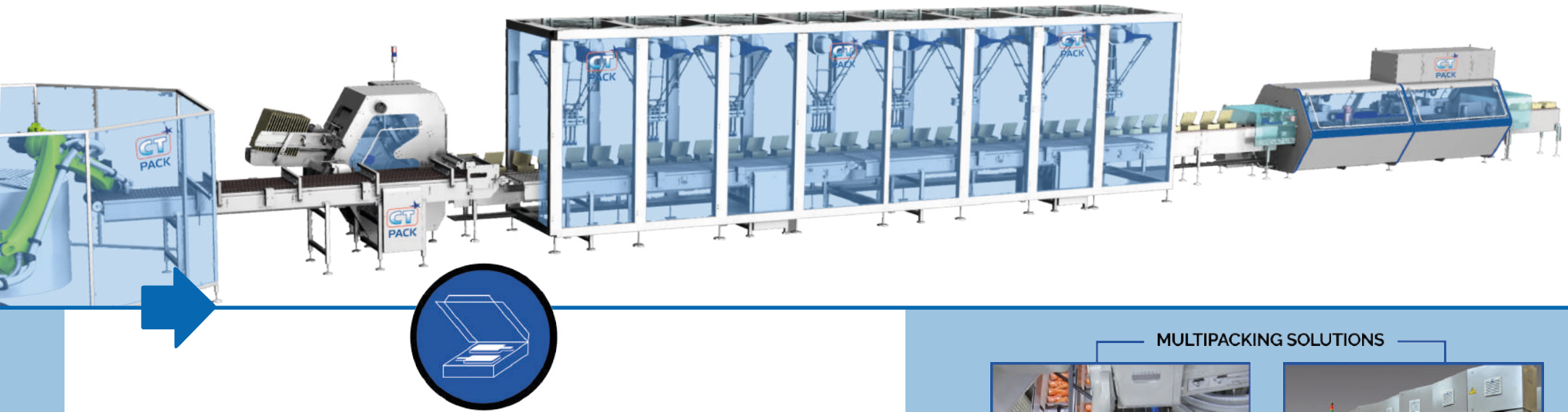
SANDWICH MACHINE



MULTILANE HORIZONTAL WRAPPER



MMH2 - DOUBLE LANE WRAPPER

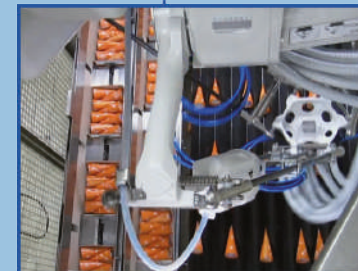


MULTIPACK / BOX LOADING

The **variety of packaging styles** products shapes and demands a **flexible and innovative approach** to achieve high performance and quality. CT Pack's complete secondary packaging solutions include **multi-flavour** boxes, multi-shaped trays, multi-layer cartons obtained through top-loading robotic machines and **horizontal side-loading machines**.

The **V-Shape** patented belt and the multi-picking gripper allow the best performances. CT Pack builds stainless steel **washdown** machines equipped with **high-quality components suitable for hygienic environments**, designed to accommodate 24-hour shifts in the world's most important producers.

MULTIPACKING SOLUTIONS



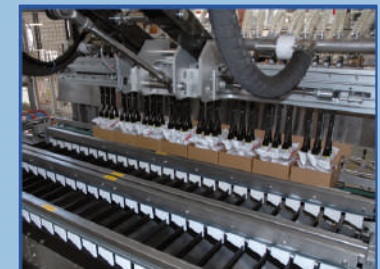
TLMP - VCHANNEL MULTI-PICKING ROBOT



TLMP - DELTA ROBOT VISION SYSTEM

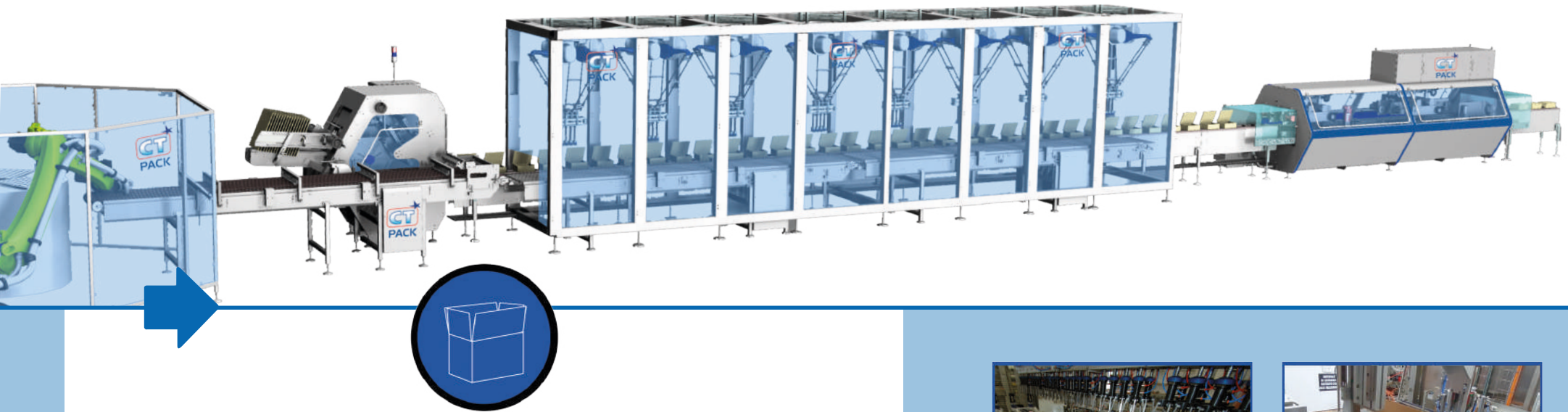


ICS COLLATING SYSTEM



TLE 2 AXIS - EAGLE ROBOT

BOX LOADING SOLUTIONS



CASE PACKING

Prior to the palletizer, the **complete outer case packer** system constitutes CT Pack's end-of-the-line solution. The RSC case erecting-filling-closing system is designed to **preserve the integrity** of the products. It can manage packs/boxes on edge, flat or standing within the same system.

Servo-driven motors allow fully and semi-automatic format changes without parts needing to be replaced, along with **easy settings** for fast change-overs. Compact packaging solutions for box erecting, filling and closing are fully managed and controlled within CT Pack's **"All-In-One"** machine. A compact monoblock case packer is available equipped with 2 axis robot, it combines high performances with very small footprint. Wrap around case packer is also available.



CASE PACKER - 4 AXIS ROBOT



CASE PACKER - WRAP AROUND CASE PACKER



ALL IN ONE TWIN



TLR - MONOBLOCK CASE PACKER