

## *CPT Series Low Level Palletizer*



The CPT Series is a low level product infeed, high flexible and reliable palletize solution for the final processing of fully sealed carton boxes at the end of line. This machine is carefully designed to handle different carton stacking configurations with user-friendly human machine interface. Reinforced bi-column design makes the machine the ideal solution to process heavy loads with high degree of stability even in the fast production mode. Adjustable product stacking height and configuration arrangement allow the machine to process your products in the best possible way.

Integrated with robust and reliable pallets conveyance system allows CPT Series low level palletizer to accommodate both wooden and plastic pallets without any extra modifications. PLC controlled system allows the CPT Series low level palletizer to be integrated easily either downstream or upstream in your packaging line. An average production capacity of 35 cases per minute makes the machine the ideal solution for small to medium production requirements.

### **Your benefit:**

- Low maintenance thanks to well designed machine structure and components
- High rigidity due to reinforced structure and parts with wear reduction
- High flexibility with wide range of stacking sequence and configurations
- User friendly human machine interface for total machine control
- Smooth stacking motion thanks to two staged speed control technology

### **Method of operation:**

Packed carton boxes enter the machine via roller conveyors and rearranged automatically into pre-programmed configurations. Once the required configuration of carton boxes are formed, they will be pushed laterally in to the stacking zone for layer stacking. The entire layer of carton boxes will be lifted firmly via lifting module and placed layer by layer onto the pallet underneath. This process is repeated several times until sufficient carton layers are achieved. Fully stacked pallet is conveyed automatically via multiple chains and discharged to the final product while an empty pallet is loaded into the stacking zone for the next production cycle.

**Facts and figures:**

- Production capacity: 35 cases/minutes
- Construction material: Painted steel frame with stainless rollers
- Applicable containers: Standard carton boxes or semi-tray
- Applicable pallets: Standard wooden or plastic pallets

**Additional Equipment:**

- Weight inspection unit
- Wrapped around machine