

# Carrier Configuration Tool



The Carrier Configuration Tool (CCT) is the ideal solution for automating the configuration of carriers (E-Tilt mechanisms or Cross-Belt units) on a Crisplant sorting machine. The tool is operated directly from the control room via the system controller software and features easy overview of the states of all sorter carriers. The tool allows the on-site supervisor to access, modify and verify the carrier configurations from a local or a remote computer without interrupting the operation.

The CCT helps optimise and maintain the high capacity of the Crisplant sorting machine. The tool verifies critical parameters of the configuration in each carrier control unit, and compares the parameters with the system settings to ensure that all carriers in the Crisplant

sorter have the correct configuration. If a control unit on a carrier has to be replaced, the CCT detects the new unit and automatically updates the configuration of the control unit according to the system settings before releasing the carrier for operation. This procedure is vital to ensure correct activation of the tilt tray or Cross-Belt on the carrier when receiving and discharging items.

## FEATURES >>

- Configuration of carriers while the sorter is running at a speed up to 3.0 [m/s]
- Automatic configuration of the carrier when a print board is replaced.
- Automatic configuration of new carriers
- Verification of configuration of all or a single carrier
- Possibility for remote support

## BENEFITS >>

- Automatic configuration of carriers directly from control room
- Certainty for correct configuration of carriers
- Easy test of carrier functionality
- Enables Crisplant Hotline engineers to perform remote support during operation.

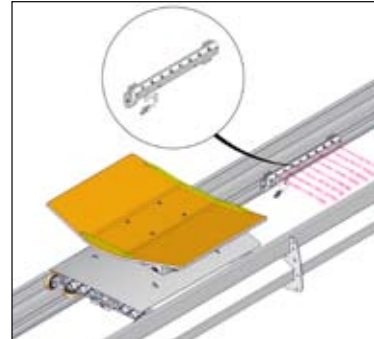
# Specifications

**Compatibility:** The Carrier Configuration Tool (CCT) fits on both tilt-tray and cross belt platforms in sorter series S3000 (the CCT can be installed subsequently) and LS-4000 (the CCT is automatically installed in new systems)

**Software:** The Carrier Configuration Tool is compatible with Crisplant Machine Controller CMC5 ver. 3.0. (A minor update of the CMC is necessary in order to implement the CCT).

**Graphical User Interface:** The Carrier Configuration Tool user application can be installed either on the existing Crisplant System Controller or on a laptop delivered by Crisplant.

**Operator Training:** Thorough Carrier Configuration Tool training is carried out on site in connection with installation and commissioning.



The CCT menu is displayed in a graphical Windows based user interface and is applicable on any Crisplant sorting machine platform types S3000 and LS-4000. The tool supports both automatic

and manual configuration of the carrier control units and is able to configure while the sorter is in operation at any speed up to 3.0 m/s.

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