



New automated transportation system

Logistex has completed a pallet conveyor installation project for Tetra Pak in Lund (Sweden), ahead of time and within Budget. The new project was delivered within a demanding schedule while working in a live environment without affecting the client's service levels.

The new pallet conveyor replaced an aging system based on transfer cars allowing a rise in throughput and at the same time a greater level of reliability and availability.

Features:

- 4 goods to man pick stations
- Modifications to the Existing Logistex WCS
- Installation in a tight confined area to high tolerances
- Installed in a live operation without impacting service levels
- Increased throughput rate from 42 to 80 pph
- 250m meters of Pallet Conveyor



Tetra Pak
Processing and packaging
equipment manufacturer

The Client's brief

Tetra Pak was suffering from an unreliable and aging transportation system which depended heavily upon transfer cars. This provided low availability and combining this with a requirement for increased throughput meant a solution needed to be found. Tetra Pak, therefore, looked for an alternative equipment arrangement based on pallet conveyor technology throughout the system. The site is a 24/7/365 operation the project had to be completed during operational hours without any adverse affects on the service levels. Changes to the existing WCS and PLC controls had to be made requiring close customer integration and strong Project Management processes. Logistex was awarded the project over the incumbent supplier a sure sign of its unique offering and trust gained.

The Logistex Solution:

The conveyor arrangement required careful layout and design to fit within the space previously occupied by the shuttle car and to clear the mezzanine legs. Special transfers and bed sections were designed.

As part of the change Logistex was able to provide additional rack storage locations at the VNA store serviced by the conveyor system.

Within the Logistex Project Management approach it identified and mitigated risk and maintained a high level of customer communication.

By deploying a local conveyor supplier Logistex was able to match the philosophy and technical requirements of the project. Steering Group meetings were held on a regular basis between senior management from both companies. A detailed testing strategy was put in place in the early phases of the project ensuring a smooth, and predictable "go live".

Achievements:

- Maintained client service levels through fitout
- Improved site throughput and reliability
- Delivered to schedule
- Delivered to budget