



# New automated warehouse soft drinks warehouse.

Logistex has completed a new automated warehouse in Edmonton, London, for Coca Cola Enterprises. Located next to the company's bottling plant, the new facility has eliminated former double handling from shipping products off site to local warehouses and has released space for improved throughput, operational efficiencies and better stock management.

The 33m high clad rack building can accommodate 25,224 pallets and has the scope to accommodate increased production to reach growth targets.

In designing and managing the installation of the automated storage handling system Logistex worked closely with the building contractors, ensuring the project was completed on time and on budget.

## Features:

- 33m high clad rack building with 25,224 pallet spaces
- Next to Coca Cola bottling plant serving outlets in London and South
- 200 pallets in and 300 out per hour
- 12 aisles with fully automated double deep pallet handling cranes
- Automated pallet handling systems for fast customer order preparation
- Logistex LWS handles every movement from receipt to dispatch.



**Coca Cola Enterprises**  
Soft drinks company

## The Client's brief

Previously the production facility could not accommodate stock so all production was transferred immediately to two local warehouses - both inefficient and a serious barrier to expansion. A single automated warehouse was needed to save double handling and provide the company with the scope to handle additional business.

The site was surrounded by roads on all sides which presented an additional challenge involving the construction of a new high-bay building only 1.5 metres from the boundary. The phasing of demolition and construction was critical and had to be carried out avoid any disruption to production.

## The Logistex Solution:

The new warehouse is linked to five bottling production lines handling mainly 500ml and 2 litre bottles of soft drinks for customers in London and South. Interfaced to CCE's host WMS, the Logistex Warehouse system handles every movement from receipt to dispatch.

The building has 12 aisles with fully automated storage and retrieval systems, each incorporating 32m high, double deep pallet handling cranes. Five automated elevator units link the production lines to a high-level pallet system.

Heavy-duty conveyors are bespoke for CHEP and MU pallets and a twin-level shuttle system automatically sorts pallets to customer loads. The pallet handling systems include four transfer cars and five vertical transfer devices. With pre-dispatch, double tier gravity lane marshalling, the warehouse has close coupled loading bays for ultra-fast vehicle turnaround.

## Achievements:

- Eliminated former double handling warehouses and has released space for improved throughput, operational efficiencies and better stock management
- 98.5% to 100% full system availability
- Systems and equipment design for ultra-fast vehicle turnaround
- Uses 'retail-ready' plastic pallets which avoid slave pallets
- Production unaffected by build and warehouse fully operational less than three months from handover