



## Wolseley Project Details.

**Industrial Labelling Systems Ltd** the label print & apply Solutions Company, is pleased to announce the recent successful installation of a number of Print & Apply Labelling Systems – used for dispatch labelling & invoice/parts list document insertion - at ‘**Wolseley UK**’s new 353,000 square foot National Distribution Centre (NDC) at Leamington Spa.

Helping the country’s leading plumbing and building merchant set new standards in logistics operations, **FKI Logistex®** - the global material handling solutions integrator - acted as main contractor and total project integrator for design, construction, installation and commissioning of all the new NDC’s handling and storage systems.

As well as 5 off standard **TT-100** thermal transfer tamp labelling systems there was also a requirement for a number of Document Insertion systems, these systems consisted of a **TT-200** 8” printer c/w an in-line cutter capable of cutting either **A5** or **A4** Invoice/parts list sheets on demand from endless paper roll stock, the document is then held on an A4 vacuum applicator unit which has the ability to reach down 360mm to apply the desired document into the shallowest container on the high speed production line.

The pre-applied ID barcode on the case is scanned prior to the labelling station the host system retrieves the product information & transmits the “**Data**” to the **TT-200**, on receipt of valid data the labeller replies to the host with an “**Acceptance**” string & relay output.

At this point the system is triggered by the line “**PLC**” to complete the “**Print & Insert**” cycle, the requested document would be printed & cut to length then placed in to the open tray via the pneumatic applicator. Depending upon the height of the tray being processed, the applicator will either eject the document [High trays] or travel downwards for a period of time then release the document [Low trays] in either case a short “**blow**” function will operate to release the document from the A4 fan-pad. On detection of the “**Home position & Cycle complete**” relays from the labeller the **PLC** advances the tray forward.

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The systems were also supplied with barcode scanners which read the label at the time of printing; the scanned digits were then relayed back to the host system to confirm the document matches the correct container.

All systems supplied were fitted with **the standard 1x RS 485 + 2x RS & optional TCP/IP communication Ports**, other optional extras included were Low-level paper/ribbon alarms which give visual warning to operators when either the labels or thermal ribbon are about to run-out.



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