

# REDUCED COSTS, BETTER CONTROL, MORE UP-TIME FOR JCB



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With operations running 24 hours a day, JCB frequently ran into significant production delays due to misplaced, lost or out-of-stock materials. In addition, uncontrolled spot buying, more frequent and longer shutdowns, and overuse of materials were a real problem.

To gain more control over its inventory, JCB selected a series of MegaStore™ and EDGE™ automated dispensing solutions from Apex Supply Chain Technologies® for its plant in Uttoxeter. This system of smart, automated supply devices allows managers to control access to inventory and know who uses what, when and where. Employees must use ID cards or access codes to dispense each item. Access is limited to only the items and quantities particular employees need to do their jobs.

## **The result?**

JCB's automated dispensing solutions have provided significant direct and indirect savings. On automatic air fittings alone, JCB immediately realised weekly savings of £300. Overall, consumption has been reduced by 30 per cent. Out-of-stocks have been eliminated and interruptions in production schedules are a thing of the past.

## **Automated Reordering**

JCB's other problem was an inefficient manual tracking and ordering process that was consuming hours of time. Maintenance managers were placing more than 50 orders per month at a processing cost of £90 per order to respond to emergency requests for materials. This also resulted in a significant increase in sourcing time, expediting costs, and rush orders.

Since implementing the Apex automated dispensing solutions, JCB has reduced the number of orders placed for similar materials from more than 50 per month to only 16 per month. This results in an estimated savings on PO processing costs of more than £183,000, or nearly 70 per cent.

Automated dispensing has saved JCB both time and money since it was implemented. The Trajectory Cloud™ platform that manages the point-of-use devices provides real-time reports on stock levels in each machine. When levels reach a minimum point, Trajectory can automatically generate an order to JCB's distributor, who then restocks the devices based on the Trajectory Cloud reports it receives.



The result is a more streamlined tracking and reordering process, saving JCB time and money by replacing only the items they need, eliminating overstocks and ensuring tools, parts, and mission-critical materials are always there when JCB needs them.

According to JCB Team Leader Neil Crosby, "The Apex automated dispensing solution has significantly reduced our costs and reduced waste. The Trajectory Cloud platform provides us the option of checking stock that is used frequently and identifies items so that we can action common faults within our equipment."

JCB is now extending automated dispensing solutions to various locations across the UK to expand on its success.

**JCB reduced the number of purchase orders from more than 50 per day to only 16 a month, saving an estimated £18,000+.**



To learn more about automated dispensing solutions from Apex Supply Chain Technologies, visit [ApexSupplyChain.com/gb/AssetManagement](https://ApexSupplyChain.com/gb/AssetManagement), email us at [info.eu@apexsupplychain.com](mailto:info.eu@apexsupplychain.com), or call 0800 840 4776 or +44 (0)1905 388 194 to visit our Technology Centre.

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Apex Supply Chain Technologies Ltd | Apex House | Unit 314 Elm Drive | Hartlebury | Worcestershire | DY10 4JB