



# Factotum

## CASE STUDY

Safety Features and System Upgrades for Manual Handling System

**Customer: SH<sup>2</sup> Engineering GmbH**

**Location: Bristol**

**Core Service: Mechanical & Electrical**

**Sector: Transport & Logistics**





# Project Details

## Client Overview

Our client is a leading global logistics company with a state-of-the-art fulfilment centre in Bristol, known for its highly efficient and fast-paced operations. With a commitment to safety and operational excellence, they continuously improve their systems to meet the evolving needs of the business.



## Project Overview

We supported our client in upgrading their manual handling systems by installing key safety features and fitting over **500 segmented transfer plates** to a **super sorter** system as part of their ongoing initiative to enhance the safety and performance of their high-speed sorting processes.



## Objectives

**Install Safety Features:** Enhance the safety mechanisms within the manual handling system to ensure even the highest industry standards are consistently met.

**Upgrade Transfer Plates:** Fit over **500 segmented transfer plates** to the super sorter, improving system efficiency and durability.

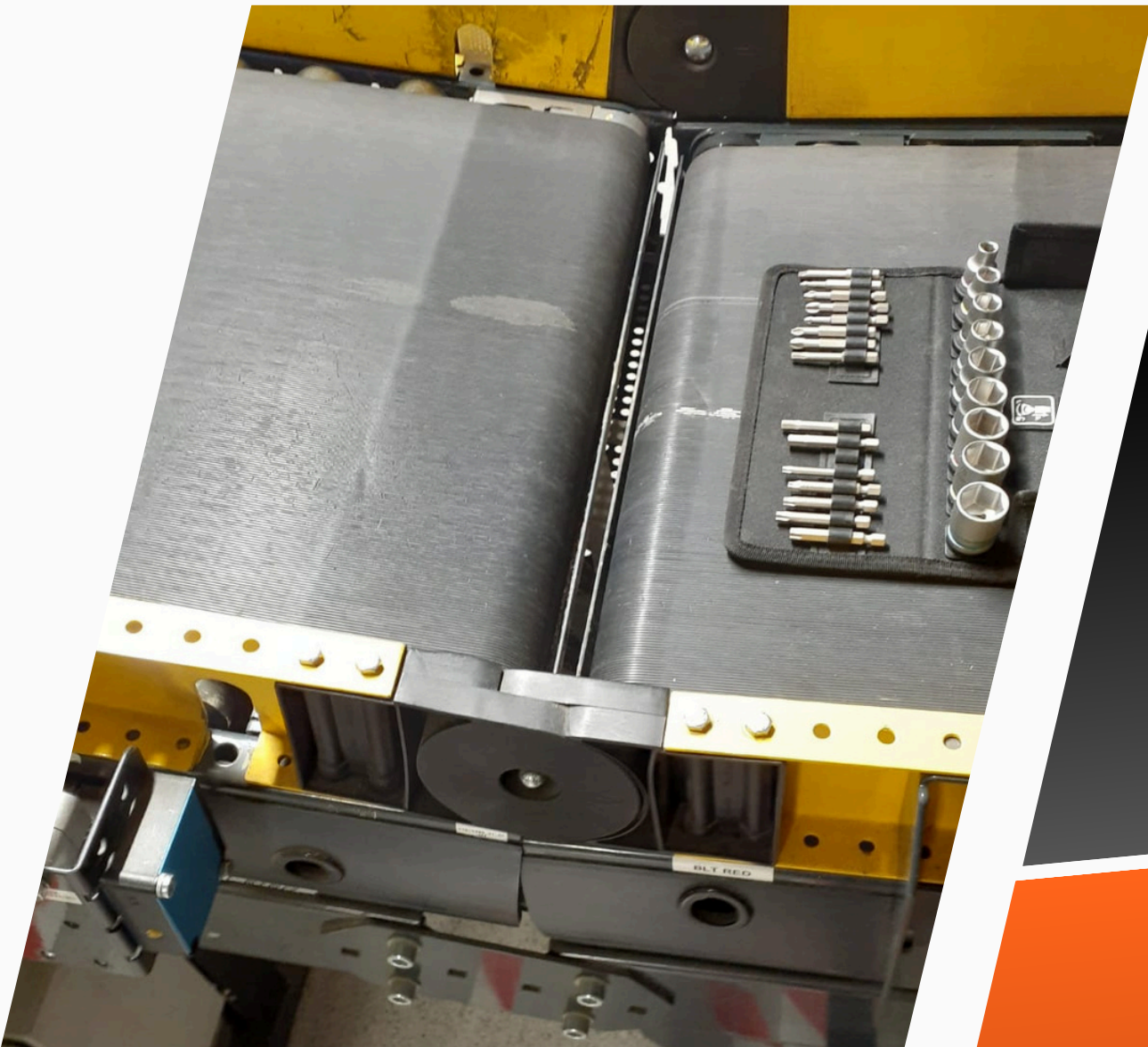
**Minimise Disruption:** Complete the installation outside peak operational hours to avoid impacting the facility's day-to-day activities.





## Challenge

The project presented the challenge of upgrading the system without disrupting the client's critical operations. The installation required completion during non-peak hours to ensure the ongoing, uninterrupted flow of goods in the sorting facility.





## Solution

To meet our client's requirements and ensure smooth operations, we implemented the following solutions through a customised installation plan:

**Segmented Transfer Plates Installation:** Over **500** segmented transfer plates were precision fitted to the super sorter system, enhancing its performance and ensuring it could handle high volumes of goods more efficiently. The upgrades improved the flow of materials and minimised the risk of damage during sorting.

**Safety Features Installation:** We installed key safety features across the manual handling system, including advanced safeguarding mechanisms for workers and machinery. Our team ensured all safety measures complied with industry regulations and best practices.

**Efficient Coordination:** We worked closely with the client's operations team to minimise potential disruptions. The project was completed on time, ensuring the facility remained operational without delays or setbacks.



# Results

## Zero Downtime:

Thanks to meticulous planning and execution, the installation was completed and avoided any disruption of client's operations. The sorting process continued smoothly, meeting key operational targets.

## Enhanced Safety Standards:

The installation of safety features significantly improved the manual handling system's safety, providing better protection for workers and machinery.

## Improved Sorting Efficiency:

Upgrading to segmented transfer plates optimised the sorting process, reducing sorting errors and increasing throughput.





## **Client Satisfaction:**

The client expressed great satisfaction with the project's success, particularly noting our ability to meet tight timelines and work seamlessly around their peak operational hours.





## Conclusion

This project highlights our commitment to delivering tailored engineering solutions that improve safety and operational performance. By executing the installation without interrupting the client's operations and ensuring a seamless system integration, we helped enhance efficiency at the Bristol fulfilment centre.







# Factotum

## Contact Us



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