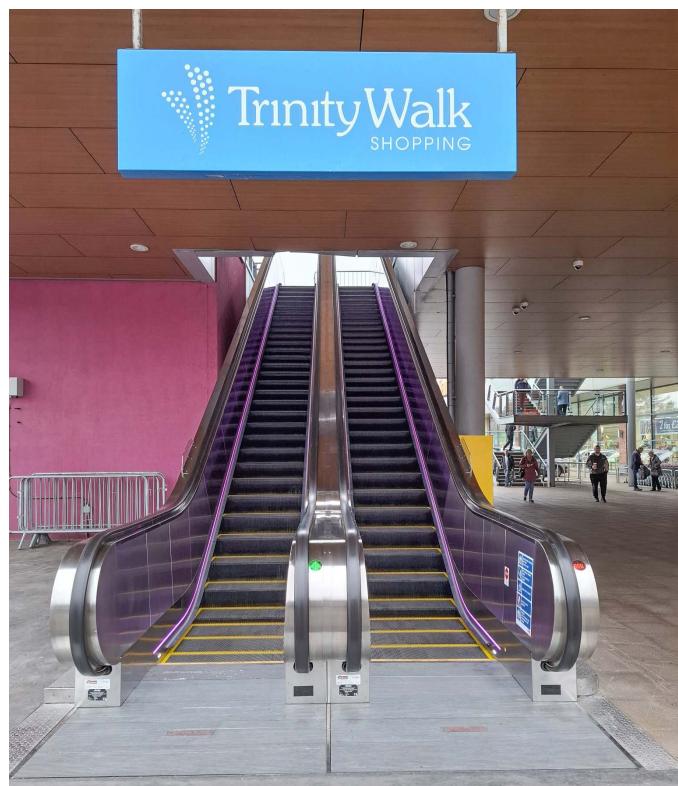


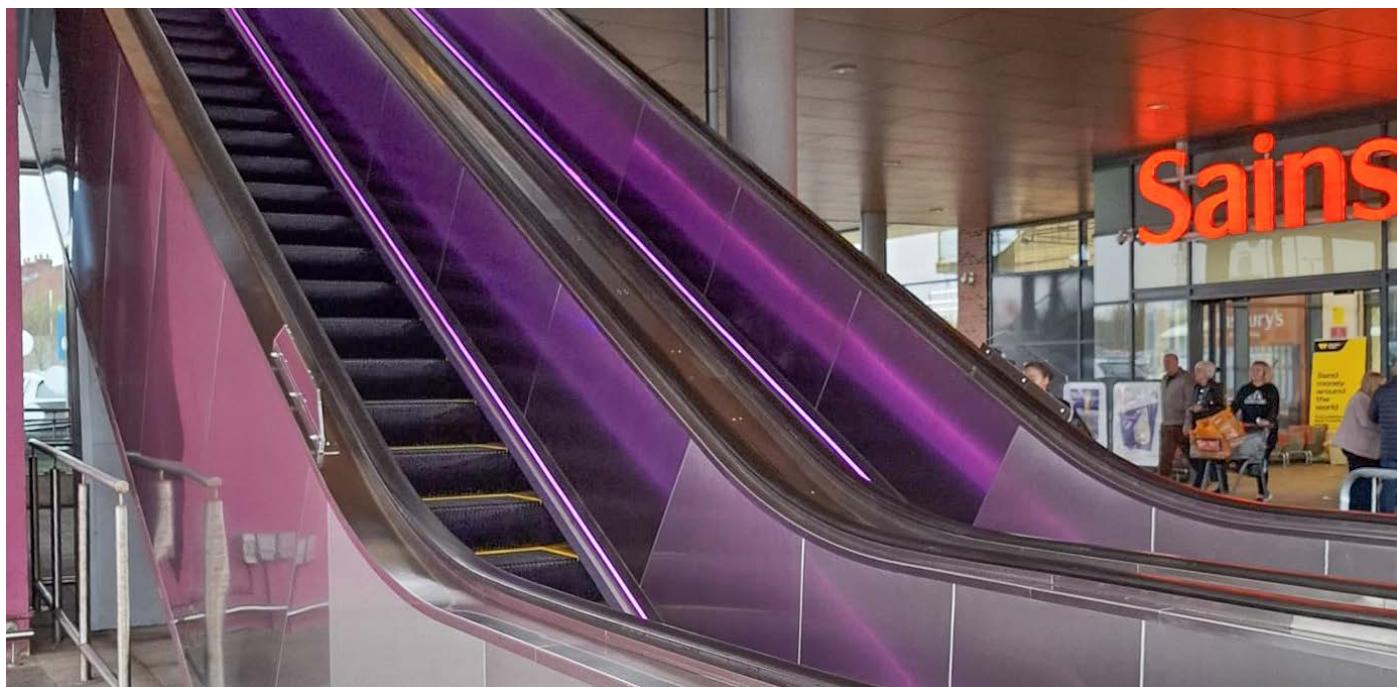
### Trinity Walk Shopping Centre: Escalator Replacement Project

Across the UK, there are more than 600 shopping centres and malls, each requiring reliable passenger lifts and, in most cases, escalators. One such destination is the **Trinity Walk Shopping Centre** in Wakefield. This partially enclosed centre, located in the heart of Wakefield, opened to the public in 2011 and provides shopping and dining experiences across more than sixty stores and restaurants.

#### The Challenge

As with all machinery, there comes a point when the economical service life is reached. This was the case for Trinity Walk's two external escalators, which were installed approximately fifteen years ago. Following a review, the centre's management and their consulting partners decided that a complete replacement of the two escalators was the most viable option. Jackson was subsequently invited to provide a detailed tender and an accompanying programme of works for the removal and installation project.





#### The Solution

To assist with our tender submission, our escalator specialists held several site visits and discussions with the client and their consultants to ensure every technical requirement was addressed. Shortly after submitting our proposal, Jackson was awarded the replacement contract, with a scheduled completion date set for early November 2025.

Typical of all Jackson installations, each escalator for Trinity Walk was bespoke: designed and manufactured to meet the precise site requirements and customer specifications agreed upon prior to the contract signing.

#### Technical Specification

- **Heavy Duty:** Designed for high-traffic environments.
- **Dimensions:** Each escalator featured an inclination of 30° with a vertical rise of 6m. Delivered in two parts, the units measured 17m in length once joined.
- **Durability:** Heavy-duty external weatherproof specification, including stainless steel balustrades, cladding, skirting, and infills.
- **Lighting:** Low-consumption LED skirt lighting.
- **Efficiency:** Low-vibration, low-noise energy-efficient motor and gear drive.
- **Safety:** Anodised black aluminium treads with high-visibility yellow safety edges.



*Underneath the escalator*

### Site Logistics & Execution

In keeping with our stringent safety standards, we fully horded the project site to protect both the public and our engineering teams. Our installation team used two 7 ton capacity forklift trucks with jib attachments (lifting both ends of each section) and lifting gantries at the upper floor level. Due to the significant weight of the trucks, delivery vehicles, and the escalators themselves, we installed temporary props between the lower ground floor and the ground floor of the adjacent car park.

To minimise disruption to the shopping experience, all craning activity was restricted to after 10:00 pm, and all heavy work was undertaken at night while the centre was closed.

### Results

Following rigorous testing in November, and remaining strictly on budget and on schedule, Jackson handed over the new escalators to the Trinity Walk management team. The project was completed well in time for the busy Christmas period.