



AVANTA

The Latest Mezzanine Production from Avanta UK

CASE STUDY



Latest Mezzanine Production from Avanta UK

Introduction:

An industry-leading technical services company recently relocated to a new facility at a prominent UK studio complex. With a vast inventory of heavy specialist equipment, the client required a significant increase in storage capacity to support its operations.

Project Overview:

Working alongside a global real estate consultancy, the client identified a mezzanine floor installation as the most effective solution. This flexible infrastructure allows for future adaptability and supports evolving operational needs.

Mezzanine Floor Details:

A mezzanine floor—an intermediate level between main floors—was chosen for its ability to maximize vertical space without altering the building's footprint. Its relocatable nature also supports long-term flexibility and lease compliance.

Project Award:

Following a competitive tender process, Avanta UK Ltd was selected to deliver the project. With a tight lead time and complex requirements, Avanta's experience in turnkey storage solutions made them the ideal partner.

Avanta's Turnkey Solution Included:

- **Mezzanine Floor:**
A 2,000 square meter fire-rated mezzanine, standing 5.2m to finished floor level and 4.7m clear underneath—ideal for pallet racking and large equipment storage.
- **Access:**
Three staircases for personnel and a vertical goods lift plus pallet gate for load access.
- **Fire Rating:**
One-hour fire rating achieved through fascia, column casings, a suspended ceiling, and two fire lobbies.
- **Lighting & Electrical Installation:**
A premium electrical system featuring Thorlux intelligent lighting, high-efficiency LED fittings with daylight harvesting and presence detection, and emergency lighting compliant with CIBSE standards. Power distribution was tailored to the facility's operational needs.
- **Floor Protection:**
Heavy-duty 2.5mm industrial vinyl specified by the real estate consultancy to protect the mezzanine deck.
- **Pallet Racking:**
Avanta designed, supplied, and installed British-manufactured adjustable pallet racking to match existing systems, with configurations up to 4m high.
- **Additional Works:**
Included Armco barrier and column protection, and relocation of existing racking.



Project Management:

Avanta UK acted as Principal Contractor for the 12-week project, managing all Health & Safety responsibilities and maintaining a constant site management presence to ensure smooth delivery.

Principal Contractor

2000 square meter Mezzanine Floor

Adjustable Pallet Racking

One Hour Fire Rating



















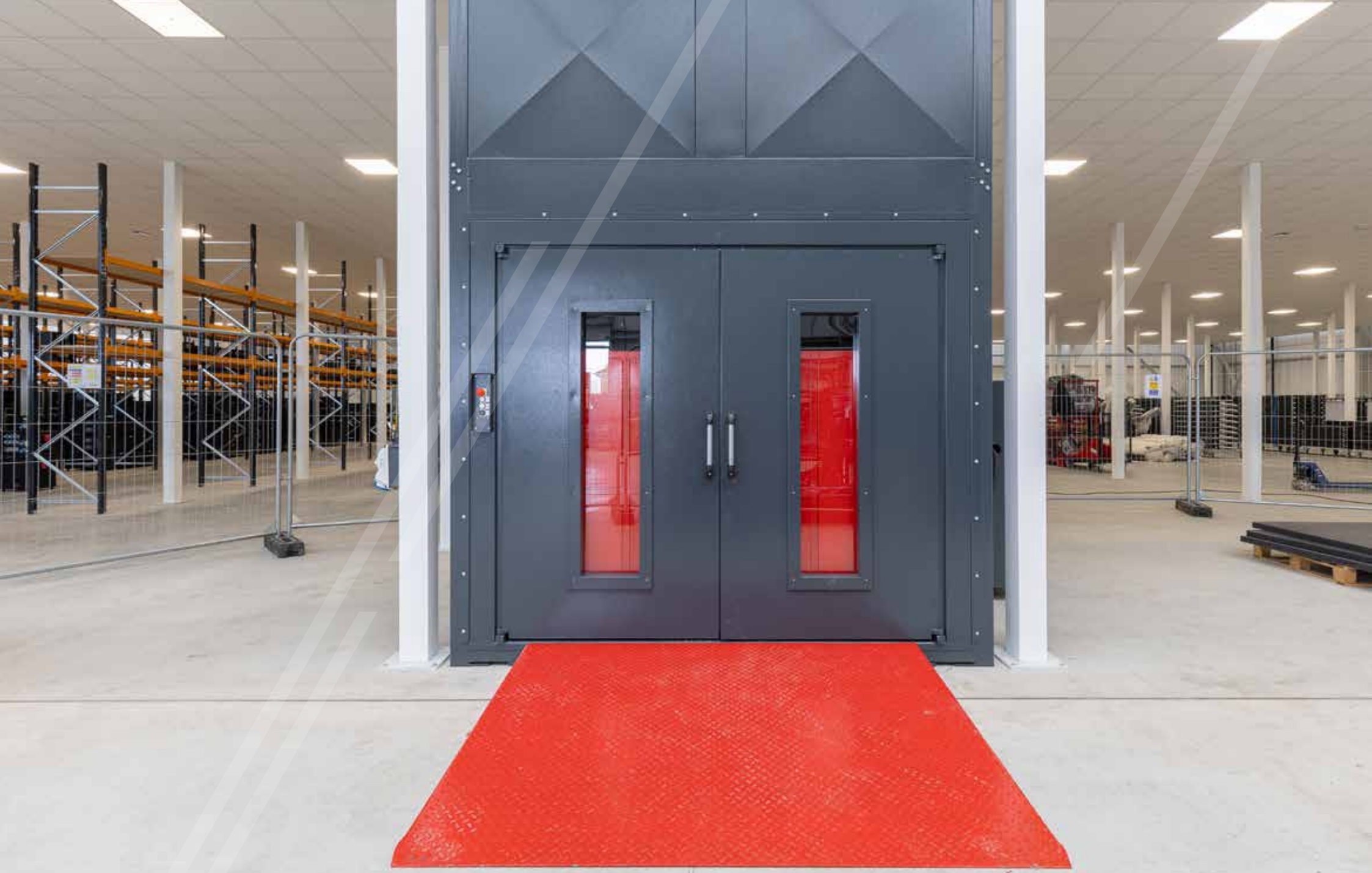






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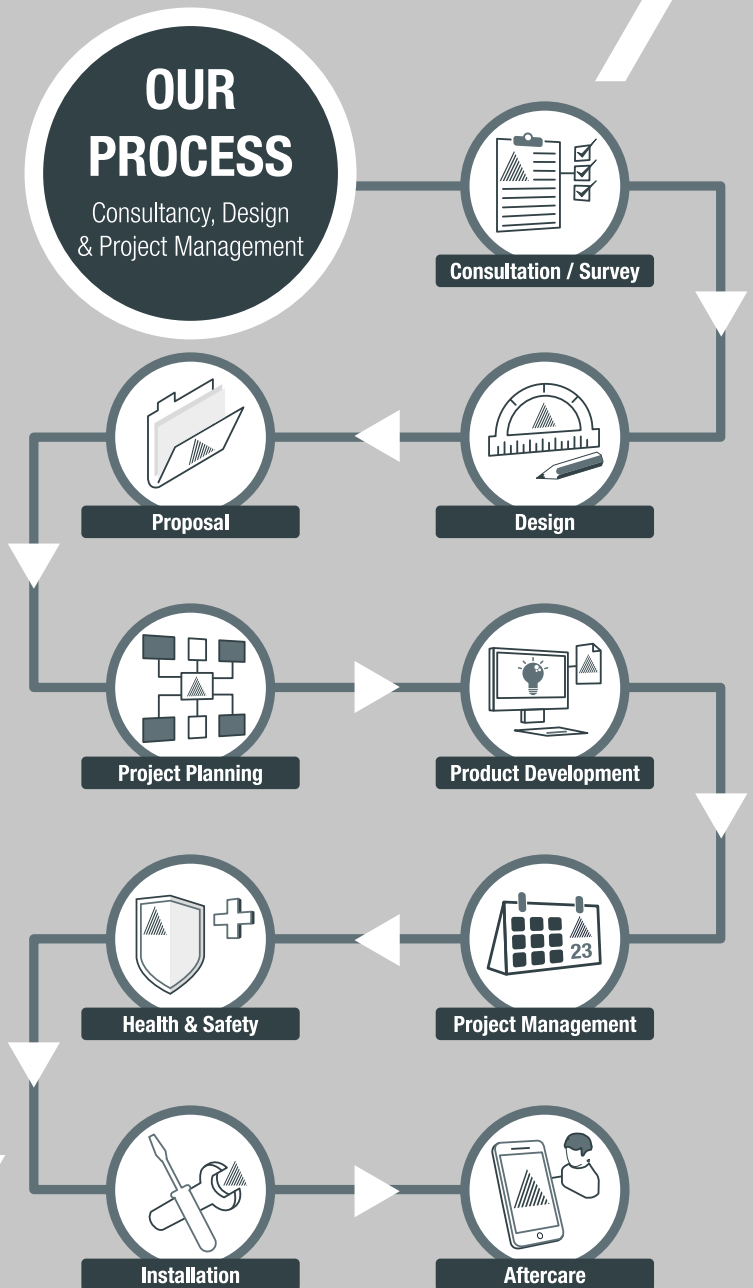
Avanta UK Ltd is an independent company with 20 years experience in designing and sourcing equipment. Long term partnership arrangements and rigorous appraisal of our portfolio of extensive manufacturing partners ensures that our clients have access to high quality and competitively priced standard and non-standard products.

Our specialities include mezzanine floors, storage systems (including warehouse shelving, pallet racking, longspan shelving and mobile shelving systems) and interior solutions (including office partitions, office storage, steel partitions, mesh security cages and workbenches).

We cover the whole of the UK and work closely with the major manufacturers offering warranty, peace of mind and on going support.

See more case studies at
www.avantauk.com

For a free, no obligation quote
Call - 0800 975 4933
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