

AVANTA



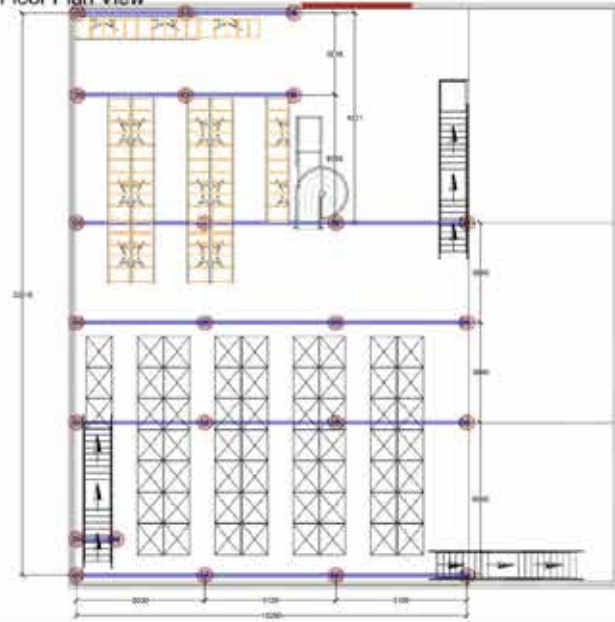
CASE STUDY

W Workwear
Express

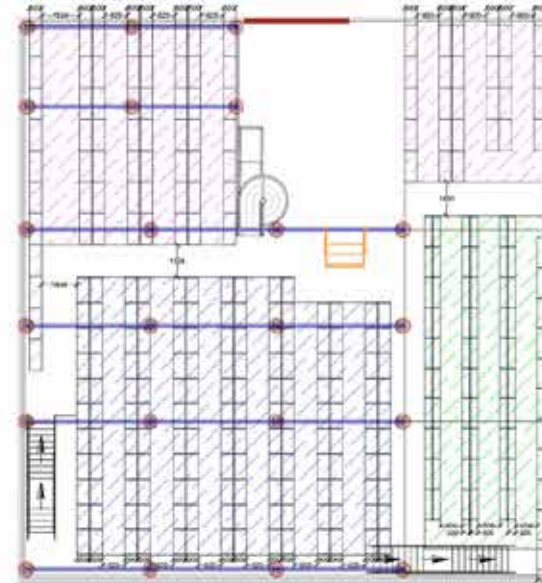
Multi Storage
Solution

NOTE : All dimensions MUST be checked on site & not scaled from this drawing

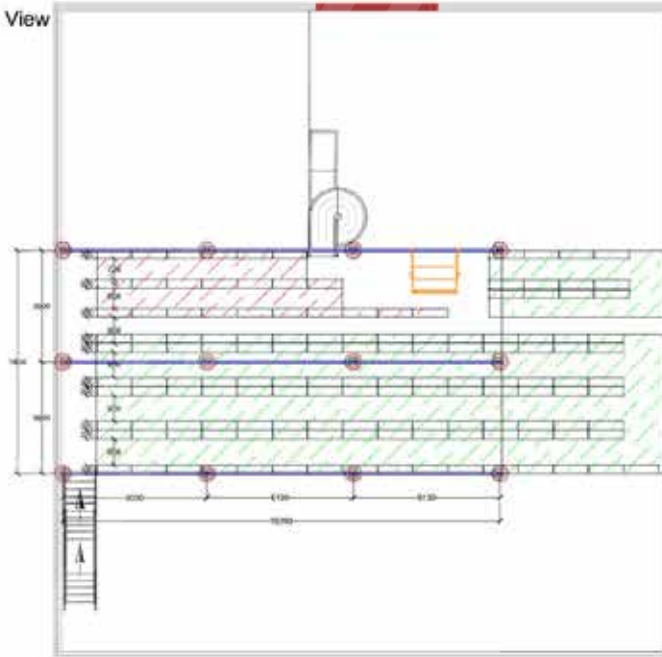
Ground Floor Plan View



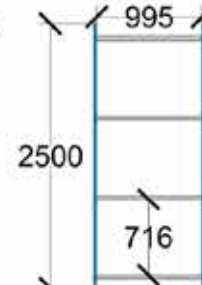
First Floor Plan View



Second Floor Plan View



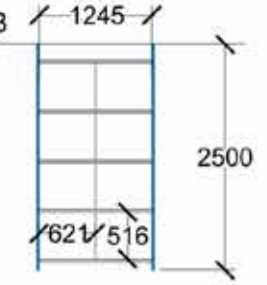
Rack-A
Blue



Total 450No. Pick Faces

3No. Pick Faces Per bay

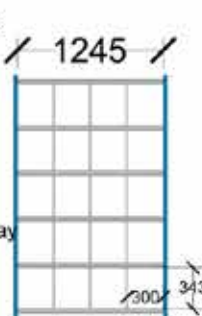
Rack-B
Purple



Total 720No. Pick Faces

8No. Pick Faces Per bay

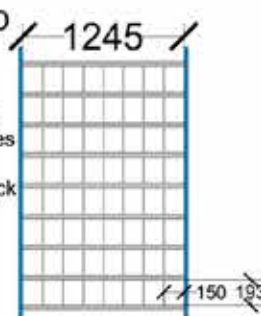
Rack-C
Green



3,780No.
Pick Faces

20No. Pick
Faces Per bay

Rack-D
Red



2,560No.
Pick Faces

64No. Pick
Faces

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Workwear Express

Mezzanine Multi-tier project Plan view, Option 2

DATE : 08/03/2022	SCALE : A3 = DMS
DRAWN : AMC	DRG. No. : 34482
Revision No:11	Revision Date:08/04/2022

Revision Details:

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Multi-level Storage Solution for Fastest Growing Workwear Retailer

Workwear Express, established in 1990 is a leading retailer in Personalised Workwear, Uniform & Promotional Clothing. Now, part of the Bunzl plc family the company is the fastest growing workwear retailer in Europe with a customer base of over 600,000 (Trade & Private) clients, serving businesses across one hundred different countries. From concept and production of a 20,000+ product range and offering secure, next day delivery, Workwear Express is an extremely busy company, looking to expand storage capacity and maintain product throughput.

Workwear Express has two purpose-built factories and fulfilment centres, with over three hundred dedicated colleagues all headquartered in Durham, UK.

To make full use of the cubic height in 1x fulfilment centre, Avanta UK was invited to design, supply and install a turnkey solution to increase storage of finished goods.

Using short span shelving with adjustable shelf levels, dividers and bin fronts on a two-tier fire rated mezzanine measuring

425m² offered the client an additional circa 7500 pick locations. There were 4 different bay profiles to suit different sized packets, garments, and boxes throughout the scheme.

A storage mezzanine floor is not tied into the building and therefore is a free-standing structure. This means that the rateable value of the warehouse building has not changed. Effectively, the client has increased the square footage of a building whilst keeping business costs down.

The adjustable elements of the shelving coupled with a mezzanine structure gives Workwear Express a future proof storage solution to add locations, change layouts and re-purpose areas as the business grows. For example, if a personalisation area is required or moving the pick and pack area upstairs then the shelving can be re-configured to suit.

The mezzanine levels can be loaded via pallet gate per level and individual product, boxes, parcels etc can travel between each mezzanine level via a bespoke spiral chute.

Part of the scheme included fifteen bespoke packing stations on the ground floor to accept items from the chute and two stations positioned on the mezzanine.

As an extra safety measure the perimeter edge protection of both mezzanine floor levels had



**7500
Pick Locations**

**425m² Fire Rated
Mezzanine Floor**

**17x Bespoke
Packing Stations**

**Grey Epoxy Smooth
Resin Floor**

a mesh guard to arrest the fall of any small items from the floor.

Prior to the storage solution installation Avanta UK installed a full floor area type 3 epoxy resin floor coating to seal and smarten the overall appearance of the ground floor.

Workwear Express corporate brand colours feature throughout the scheme with the distinctive orange handrail, workbenches, and moulded chute.

Practical competition in time for a traditional peak period was achieved



W Workwear
Express
Trust us with your name









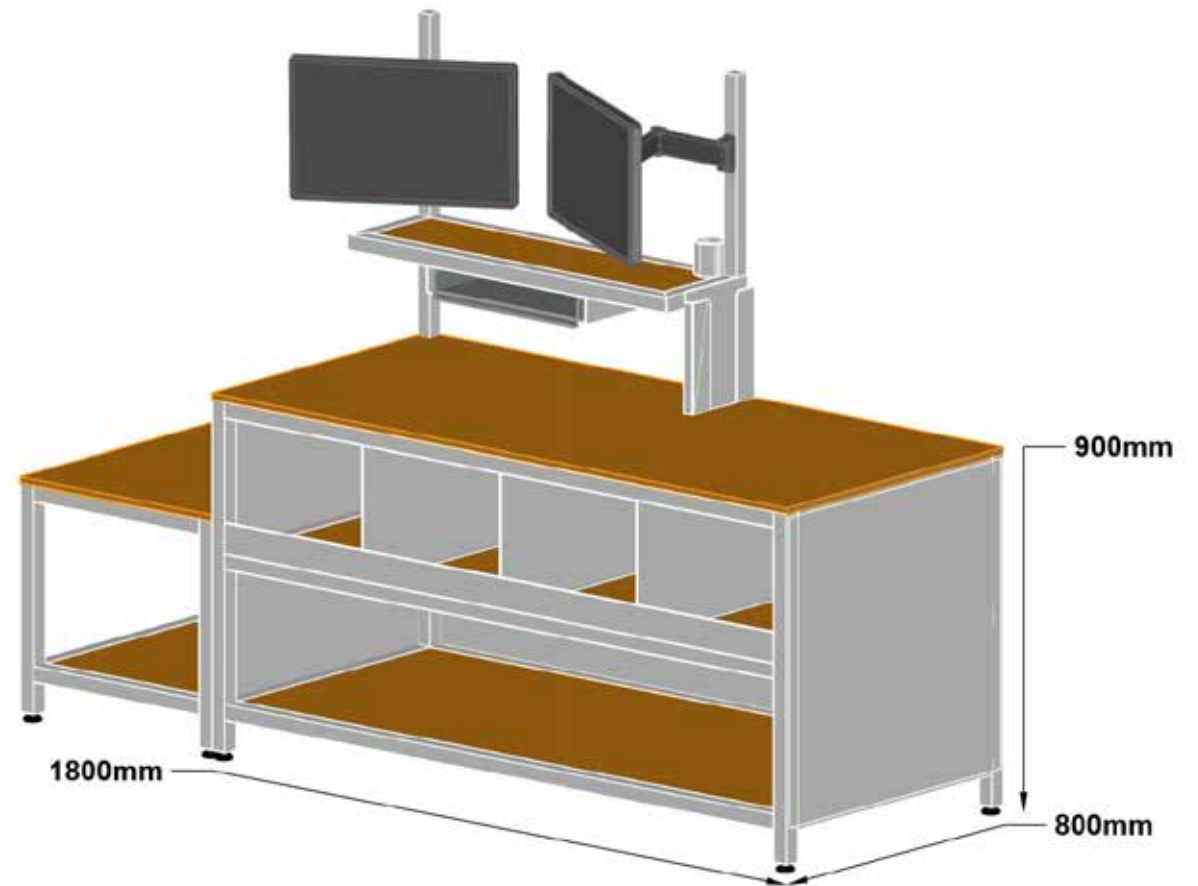




















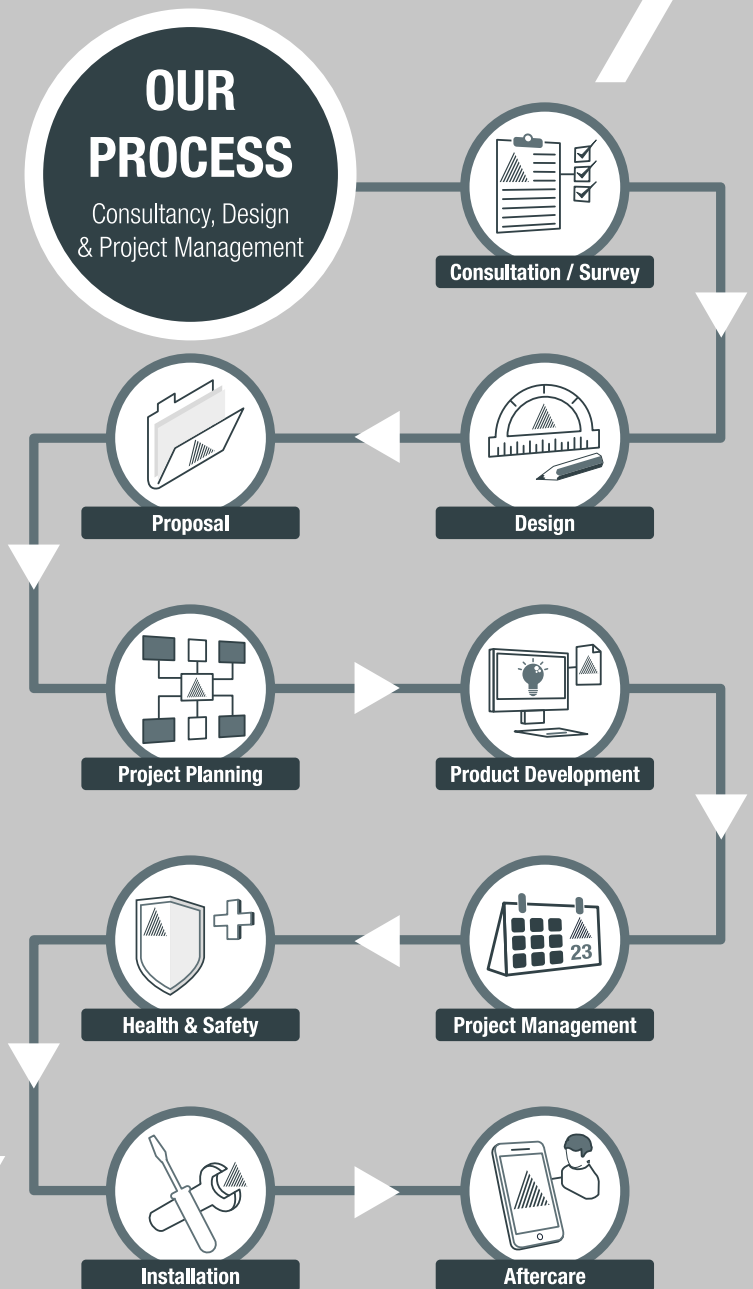
Avanta UK Ltd is an independent company with 20 years experience in designing and sourcing equipment. Long term partnership arrangements and rigorous appraisal of our portfolio of extensive manufacturing partners ensures that our clients have access to high quality and competitively priced standard and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