



AVANTA

STEEL PARTITIONING

PROJECTS 3



Avanta UK Ltd is an independent company with over 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

Some of our clients...

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Avanta Create Safe, Secure Enclosed Environments for Meggitt Plc.

The new 440,000 square foot Headquarters for Meggitt Plc located in Ansty Park in Coventry is a state of the art UK engineering and advanced manufacturing centre of excellence and global. The site is one of the biggest investments in UK manufacturing capability in a decade as well as being Meggitt's largest infrastructure investment in history, one of a number of recent global infrastructure investments.

As one of the largest industrial projects in the Midlands, this hub for next-generation UK aerospace innovation is the European Operational Centre for braking systems, thermal solutions, aftermarket. Built in 2020 and now internally equipped and fitted out, this specialist manufacturing and testing unit is now operational. Meggitt Plc is a global leader in aerospace, defence, and energy with 1000 staff to be based at the site creating a centralised UK operation.

Working in partnership with Clegg Construction & Meggitt Plc – Avanta UK Ltd designed and supplied a multiple enclosure solution that could be used for various applications across the factory.

The project evolved over a 12-month period and resulted in some 65 enclosures supplied and installed over 12 zones within the factory. Various applications for the enclosures included multiples of:

- Machine Housing.
- Offices.
- Canteens and Break Out areas.
- Workshops.
- Control Rooms.
- Test Units.
- Paint Room with 2x Speed Doors.
- Stores.

Working closely with manufacturing partner Troax it was felt that a combination of double and single skin steel partitions would be the perfect solution and provides many advantages over a traditional plasterboard or timber product.

Steel Partitions are formed from a panel system to divide and subdivide the workplace and are commonly used in a warehouse and factory environment. Panels are fully demountable and can be re-configured to be used in other areas of the factory if required. Utilising the standard Sigma single skin steel and Elan double skin steel partitioning panels offered the client flexibility to have a variety of solid and solid with glazing and / or mesh enclosures to suit the application. A small number of enclosures utilised a bespoke panel arrangement.

Sound proofing to achieve the required dB rating and fire rated panels for specific enclosures and housings ensured compliance. Specialist enclosures for strict temperature control and air purification applications were also supplied and installed as part of the project. Mezzanine floors with high-level bracing to utilise floor space, walk-on ceilings were also part of the Avanta contract.

All doors were supplied to specified locking arrangements – from access control to simple



euro cell lock or thumb turn locks etc / door closers. A bespoke large steel double sliding door was installed in zone 1 and 2x speed doors to the paint shop.

Quote from Meggitt: "Ansty Park is a major advance in the development of our global manufacturing footprint and we have been pleased to work with Avanta to build these important enclosures which can be used for various applications as and when we require."

Quote from Troax: "We are very proud to have supported Avanta with this project. It is not often we get the opportunity to showcase our wide range of solutions and products, all under one roof. This project included single skin, double skin, fire and acoustic systems, pressed panels, mesh panels, glazed panels and ceiling systems. Working in close partnership with Avanta, we were able to

navigate all of the challenges of the pandemic and ensure work was completed safely and on time. Our whole ethos is 'Protecting People, Property and Processes' and we are delighted that we have been able to install that fully into this unique project."

Quote from Avanta UK: "We were delighted to be awarded this project for such a large blue chip aerospace company. The results of everyone's hard work have contributed to a modern state of the art facility one which Meggitt can be proud of. These enclosures will help Meggitt employees work safely and securely in a modern factory environment. Working with our supply partner Troax enabled a quick build time of a top-quality steel partitioned product. Under the CDM of Clegg Construction we worked safely and diligently to complete this project on time and to budget"

65 Enclosures over 12 zones

Single & double skin partitions

Workshops, canteens, offices
and many more

12 Month project













Avanta UK Ltd - Unit B1, Astra Park, Parkside Lane,
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Steel Partitioning Enclosure Project For Kodak in Leeds

Earlier this year Avanta UK Ltd were approached by Kodak in Morley, Leeds to work with their project engineers to design, supply and install suitable enclosures to house specific machinery within their premises.

Kodak is a world leading manufacturer of lithographic printing plates and these plates need to be produced in a very sensitive environment.

The purpose of the project was to create enclosures to house a number of production machines to reduce equipment and material exposure to potential airborne contaminants. After initial discussions Avanta invited market leading steel partitioning manufacturer Troax Lee to work in partnership on the project. After a handful of design meetings and a client visit to the Troax factory the specification and build programme was agreed.

The enclosures consisted of Sigma single skin partitioning with solid, half & full glazed panels with areas of Trospan double skin walk on ceiling.

The project was completed to the time set on a specific out of hours programme and to the financial budget.

Kodak comment *"I am delighted, Credit to Avanta and Troax and their designers, engineers and fitters who displayed quality workmanship and worked extremely hard to get the job done."* (Surinder Jutla, Project Engineer).

Avanta comment *"Another great project win for Avanta with a great client. We have worked closely with Troax Lee as a manufacturing partner many times over the years and they have always excelled for Avanta when required."* (Mark Davison, Project Sales).

Troax Lee Manufacturing *"As always, it is a pleasure to work alongside good partners such as Avanta on interesting and challenging technical projects such as this on the Kodak Site. The Chief design engineer for Kodak, Surinder Jutla, was exceptionally helpful in providing the ground-work and site information essential to completing the project in a timely and professional manner."* (Mark Perks, Technical Sales).







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Mesh Screen & Steel Partitioning Project.

Avanta UK Ltd were asked to segregate and secure certain areas of a large operational warehouse interior on behalf of a leading tool manufacturing company.

Utilising Mesh and steel partitions we created 8 secure areas with restricted access to items of value and / or deemed potentially hazardous.

Mesh Partitions are a cost effective modular mesh panel system, which can be customised to fit to a specific requirement. The mesh size is 50x50x5mm and all finished in grey RAL7037.

We also designed, supplied and fitted runs of solid double skin steel partitioning with glazing.

Double skin steel partitioning is perfect for creating a functional yet stylish working space in an industrial or warehouse application, where sound reduction or fire-rating might be important.









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AVANTA









CONSULTATION / SURVEY

We carry out a free, no obligation site survey to decipher your exact requirements.

DESIGN SERVICE

At Avanta we have the expertise to design your workspace to suit your needs.

PROPOSAL

We prepare a document that will highlight the key areas of the potential project.

PROJECT PLANNING

We will appoint you a Project Manager who will be a single point of contact during your installation.

PRODUCT DEVELOPMENT

We work with you and with our manufacturing partners to source the best products for the job.

PROJECT MANAGEMENT

We will provide information as required and oversee the smooth running of your project.

HEALTH & SAFETY

Projects are delivered safely and in accordance with the latest regulations.

INSTALLATION

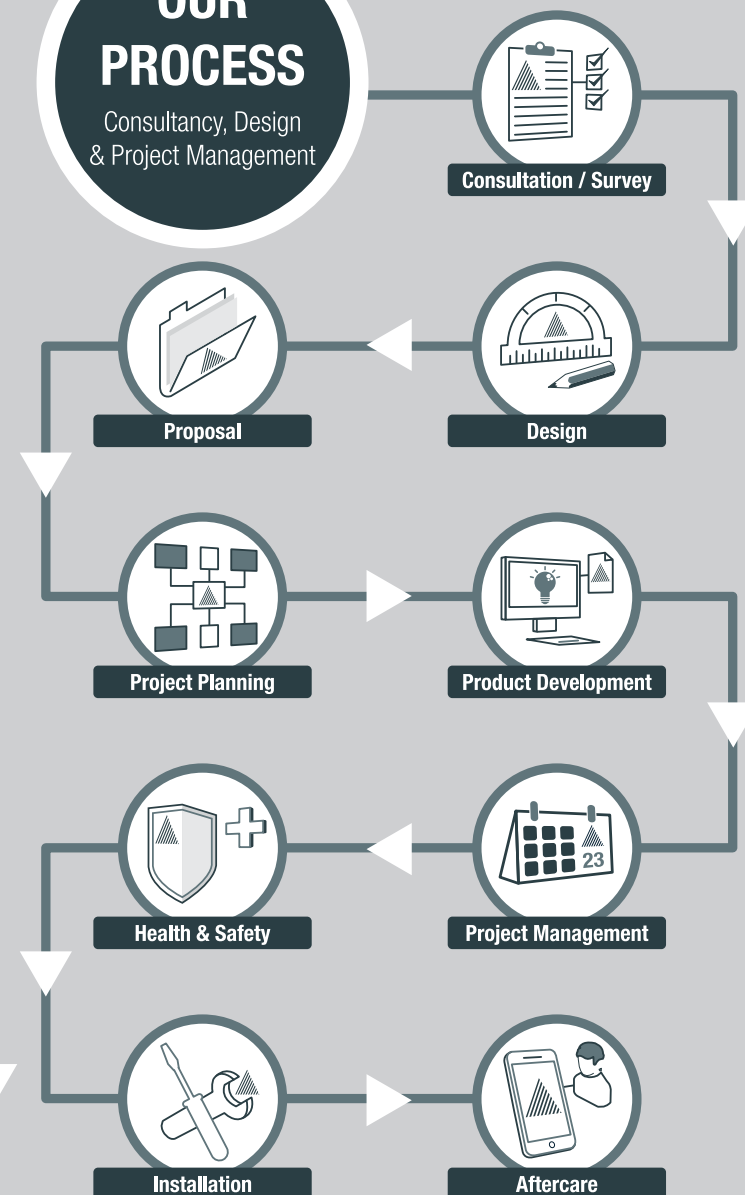
Equipment is installed in accordance with SEMA guidelines by SEIRS qualified installers.

AFTER CARE

We offer further ongoing technical support and maintenance if required.

OUR PROCESS

Consultancy, Design
& Project Management



MEZZANINE FLOORS

OFFICE INTERIORS

PALLET RACKING

SHELVING SYSTEMS

STEEL PARTITIONS

WORKPLACE EQUIPMENT

WAREHOUSE FLOORING

PRINCIPAL CONTRACTOR

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