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JOTA Sport



Case Study

THE CLIENT:

Built around its successful motorsport team the Jota Group has used the skills and experience that winning at Le Mans brings to develop a business that spans Jota Sport which designs, builds and supports race-winning GT, LMP2 and LMP1 class cars; Jota Aviation, a successful aviation charter business, and Jota Advanced Engineering, a relatively new, but dynamic sub-contract machining facility.

The driving force behind the Group's success is its passion for everything it does, whether preparing a race winning Le Mans car, flying people and cargo around the globe or precision machining exotic materials. The group's aim is simply to be the best, by focusing on attention to detail and delivering on its promises...

While Jota Advanced Engineering is the latest name to join the Group, machining has been a part of the business for many years. Initially the race team technicians used manual machines to create one-off bespoke parts on, this developed into a small machine shop contained in the race teams workshop.

The growth in demand for more complex parts for its own cars, along with opportunities in the sub-contract machining sector, saw a need for expansion and Jota Advanced Engineering was created. Already accredited with ISO9001 Jota Advanced Engineering is working towards further accreditations in the automotive sector that will assist it to further expand its already nationwide customer base from the Automotive, motorsport aerospace and power generation sectors.

System Store Solutions worked closely with Ryan and his team to develop a layout that met the exact needs of Jota Advanced Engineering, making several visits to discuss all of the various options and providing a flexible process in order to deliver the best available solution. This included a series of Fami drawer systems with variable partitions that can be adjusted to store anything from, filing paperwork, small hand tools and cutting tools, through to large fixtures and jaws for the machine tools. Workstations were built into this run of drawers allowing technicians

to work on computers while next to the machines. Worktop tool storage was also integrated into the system and the finishing touches were a series of shelving for larger items and partitioning to separate the machining area from assembly and administration in the open plan workshop.

THE PROJECT:

"We have built the business around the Group's common goal of delivering results, in our case drawing on our precision engineering skills to create tight tolerance work, often in difficult to machine materials, and in many cases taking on work that others didn't want to do," says Ryan Goodger, Director, Jota Advanced Engineering. In order to achieve this the company has invested in a range of high-tech machine tools, including multi-axis turning centres with live tooling and a five-axis machining centre. These are supported by the latest in CAD/CAM and production control software, along with a team of highly skilled engineers. With the growth in the machining business and number of machines, came a requirement for more tools and workholding, which in turn needed to be stored in a planned and efficient manner.

With the race team, Jota Sport, already using Fami storage in its race bays it was a logical step to call System Store Solutions back in to design the workshop storage layout for Jota Advanced Engineering. "Organisation and image is key in the sectors that we operate in so to have a consistent look running through the race team and engineering division made perfect sense," says Ryan Goodger.

"Not only that, but to be able to respond quickly to customer demands we need to be confident that we can locate tools and fixtures quickly, with the Fami solution we know everything has a place and everything is in its place. In addition to the increased efficiency that the Fami storage from System Store Solutions gives us, the workshop environment is also more manageable as it has become second nature to keep things neat and tidy."

Case Study

THE CLIENT:

The upgrading of the Complex Fabrications department at Rolls-Royce, Hucknall has brought together under one roof a number of departments to create a world-class manufacturing facility for the aerospace and marine activities of the Hucknall site, which over the years has been at the forefront of engine development within Rolls-Royce.

One of the key elements in ensuring that this new, updated, facility operated as efficiently as possible was the introduction of standardised storage for work in progress and also tools for individual employees. Having worked with System Store Solutions on a previous project in Hangers 8 and 10 at Hucknall, which had seen a major installation of cabinets, workbenches, and racking, Manufacturing Manager Chris Comery had little hesitation in renewing that relationship.

Such was the impact on efficiency that the new storage systems brought to the Complex Fabrications facility, that Chris Comery and his team extended its use to the supply chain for the facility. Continuing the standardisation of storage systems made perfect sense and Pattonair, a supplier of vital consumable parts direct to the shop floor at Hucknall has also invested in racking provided by System Store Solutions. This has been installed on-site at the Complex Fabrications facility and is making part identification and stock management much simpler.

THE PROJECT:

We spent time, as you would expect, planning the layout of the Complex Fabrications facility and part of that planning was to standardise on storage. We had a collection of old toolboxes and racking, which was far from where we wanted to be, so the opportunity to work with System Store Solutions again, to deliver a fresh, efficient workplace was welcome.” The project involved installation of workbenches, under bench storage for individual employee tools and equipment, racking for work in progress, as well as cabinet storage for equipment needed for machinery such as CNC Press Brake tooling.

With the installation of the Fami storage cabinets by System Store Solutions the team at Hucknall have everything in its place and readily to hand, making for improved efficiency and housekeeping. “Image is important to our business and what we now have, with the standardised storage solutions is a workplace that is neat and tidy, and one that looks like a Rolls-Royce facility should look like. The installation of the storage by Systems Store Solutions was also extremely straightforward and efficient, with their team leaving us with everything in place, exactly to our plan.

- Chris Comer, Manufacturing Manager





PROGRESSIVE TECHNOLOGY

Case Study

Progressive Technology is a market leader in CNC multi axis machining, using advanced modern machinery to manufacture complex metallic components, composite tooling and additive manufacturing. System Store Solutions are proud to have worked with Progressive Technology for a number of years, assisting them in their on-going investment in the latest technology and their commitment to creating a challenging working environment that exceeds employee expectations.

Using Fami NC trolleys, tool build benches and complete cabinet and drawer runs, Progressive Technology have transformed their workshop, tool stores and inspection areas into efficient, productive work areas.

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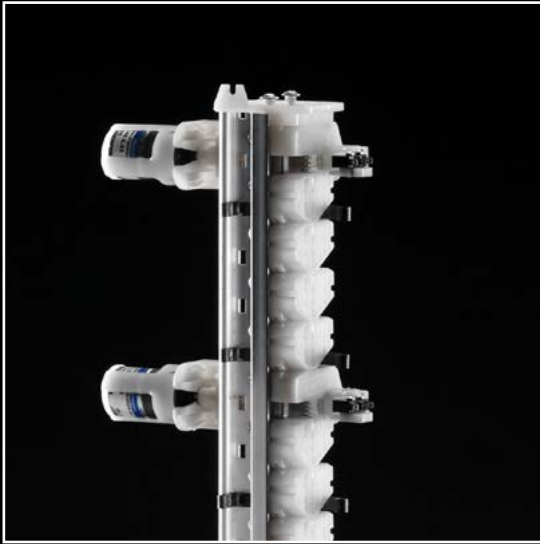
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