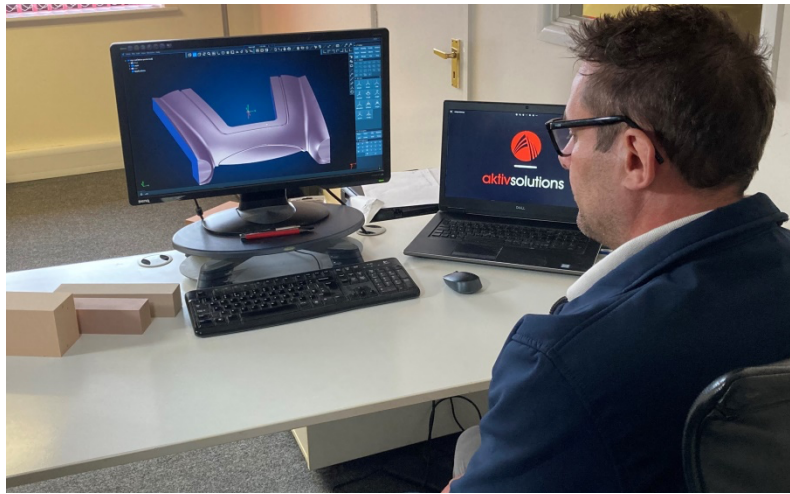


Aktiv Solutions Optimises CNC Machining Processes with Tebis CAD/CAM



Aktiv Solutions purchased Tebis CAD/CAM software for their production in 2006 and since then the company continues to reap the rewards of the investment. Over the years, Tebis CAD/CAM software has helped to significantly reduce programming time, increase machining productivity and improve toolpath simulation for full machine collision avoidance.

Based in Nuneaton, Warwickshire, Aktiv Solutions was formed by Errol Brown in 2006 with Chris Neil joining the company in 2011. The company specialises in prototype model manufacturing, predominantly for the automotive sector.

Tebis CAD/CAM software has been used to drive their CNC machines for 3-axis and 5-axis machining. The company is very satisfied with the software and the results it has produced over the years. Errol Brown, Director from Aktiv Solutions, explains: "The Tebis software was our first choice compared to other CAD/CAM software and during the years we have been using Tebis. We definitely can say it has fast speed of programming and enables us complete for full machine collision check. With Tebis software we can produce parts very quickly and with highest quality."

Aktiv Solutions are also extremely satisfied with Tebis software CAM automation supported by 6 cloud libraries of manufacturing data. The libraries store optimised CNC machining process data for fast CAM programming through automation while also ensuring consistent machining quality. By adopting CAM automation, work pressure is reduced along with CNC and CAM work costs.

Chris Neil, Director of Aktiv Solutions, says that: "Our machines work 24 hours per day, and we needed software which we can rely on. With Tebis what you see in the software is what you get on the machine." As their workshop works 24 hours per day, the company has the full confidence for machining safety, and they don't need to worry about unexpected machine movements.

Chris also adds that the simulation and collision check/avoidance is very advanced. Tebis Virtual Machine helps to plan, program, and verify NC machining operations all in Tebis

CAD/CAM programming environment. The toolpath calculation speed for large CAD models is very fast and with very advanced machine head collision check included for both 3-axis and 5-axis machines. This produces a perfect toolpath every time. Aktiv Solutions has the confidence in their finished product.

Errol Brown concludes: "Tebis for us is the right software! Tebis CAD/CAM software offers speed, quality, flexibility and safety. We have also very close relationship with Tebis, whenever we needed support and we have contacted the Tebis engineers, everything was sorted very quickly and efficiently."

IN SHORT/ FACTS AND FIGURES

- Aktiv Solutions Limited was formed by Errol Brown in 2006 with Chris Neil joining the company in 2011.
- Based in Bedworth, Warwickshire
- Use Tebis CAD/CAM for 3-axis and 5-axis machining
- Tebis CAD/CAM software has helped to significantly reduce programming time, increase machining productivity and improve toolpath simulation for full machine collision avoidance