

HepcoMotion Showcasing New Demo Unit at Southern Manufacturing

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At Southern Manufacturing, for the first time in the UK, HepcoMotion is pleased to be exhibiting a new joint demonstration unit showcasing a combination of technologies from Stäubli, Beckhoff and HepcoMotion. At the exhibition, Stäubli's robotics arms (TS2-60 and TX2-60L), HepcoMotion's GFX Guidance System and the Beckhoff eXtended Transport System (Beckhoff XTS), all cooperate in one cell demonstrating the joint potential they offer.

Hepco's GFX system has been built to perfectly merge with Beckhoffs XTS. The XTS allows movers to be individually controlled and thus frees throughput time from limitations usually caused by the slowest process: movers can dwell on a station longer or shorter if needed. The system ensures longevity and limited downtime if adjustments become necessary. In combination, the two systems enable high-speed motion profiles without compromising positional accuracy, and provides a solution for higher-duty applications. The new Stäubli TS2-60 SCARA arm on the other hand perfectly matches the abilities that the two systems offer, in that it allows ultra-short cycle times and high repeatability. Its performance is unmatched by other like-for like robotic arms for the same application. The TS2-60 also features a unique cylindrical envelope and small footprint. Combined with the special flexibility of Hepcos GFX system and the high speeds of Beckhoff XTS (4 m/s), the combined system can achieve an impressive throughput time.

To see Staubli's Robots, Beckhoff eXtended Transport System and Hepco's GFX track system in action together, visit Hepco's stand (G230) at Southern Manufacturing on the 5th-7th of February.