

HepcoMotion demonstrating the latest innovations in technology at HMI 2020

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HepcoMotion, a leading producer of high quality, long-lasting and flexible linear guidance systems, is pleased to be back at HMI to showcase a selection of its wide product range. The show takes place 13th – 17th July 2020 in Hanover, Germany.

In addition to their range of exhibits HepcoMotion is pleased to be exhibiting a 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 Beckhoff's 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 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 Hepco's GFX system and the high speeds of Beckhoff XTS (4 m/s), the combined system can achieve an impressive throughput time.

Visit stand B49 in Hall 7, to discuss the advantages of our GFX system and to find out more about our other products.