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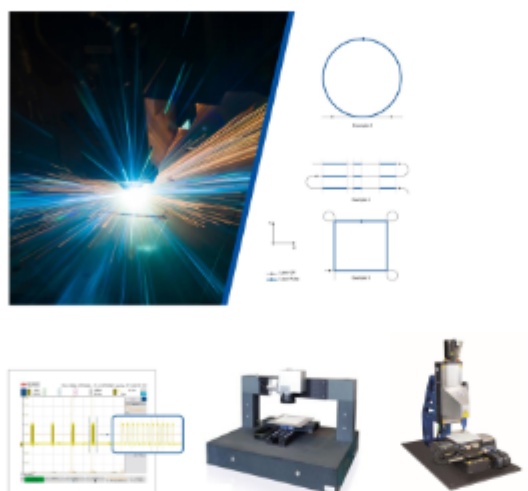
WHITE PAPERS & APPLICATION NOTES

PI

Advanced Control Technology for Laser Material Processing

Simple, fast, accurate, and flexible control in laser materials processing

How to make it easier for system integrators to design and build advanced systems for a new age of laser applications



Advanced motion control with highly synchronized laser control solutions achieve higher throughput and accuracy, while allowing machine builders and system integrators to reduce risks and time to market. Ultrafast lasers are being rapidly adopted for precision machining, automation, and material processing. This white paper describes how advanced algorithms, highly flexible EtherCAT-based controllers, and novel gantry / stage architectures open up new opportunities.

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