

MED TECH

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OUTLOOK



Evosys Laser

Simplifying Medtech Manufacturing with Flexible Laser Systems

Today, as patient care and diagnosis continue to experience a continuous tech-driven evolution, the criticality of employing reliable, next-gen medical equipment production processes is increasing rapidly. In light of this, medtech firms that develop smart solutions in the point-of-care and drug delivery arenas are shifting from conventional adhesive bonding to laser welding for aligning the sensitive electronic and mechatronic components in their products. With this transition, medtech organisations hope to capitalise on the particle-free, clean, and additive-less nature of laser welding and significantly boost the efficiency of their production processes. However, owing to the healthcare sector's stringent regulations and rigid laser solutions that cannot be customised to meet the changing needs of a medtech production line, a majority of manufacturers struggle to harness the complete benefits of laser welding. Addressing this challenge with its extensive portfolio of laser solutions and unparalleled expertise in the medtech space is Germany-based Evosys Laser. "We develop and market standardised laser systems that offer total reliability, complete documentation, and comply with all the cleanliness requirements," says Denis Wittmaier, Chief Executive Officer, Evosys Laser North America.

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Founded in 2015, Evosys was born out of the conviction and desire to offer off-the-shelf and flexible solutions for laser welding of plastics. And since its inception, the company has made a significant mark in multiple industries due to its emphasis on building a team of expert professionals that can employ strategies to help Evosys gain a holistic view of its client-specific challenges. "We are not an ordinary machine builder because our solutions blend the disciplines of plastic, laser, optics, and mechanical engineering to simplify the complexities of medical device development," adds Wittmaier. Further, elaborating on his team's exceptional skills, Wittmaier mentions the combined experience of 150 years of his core workforce and how it



enables the company to set a new standard in tech-driven innovations.

The company's portfolio consists of out-of-the-box process modules that include standardised laser systems that are easy to integrate and do not require previous knowledge for effective utilisation. At the same time, the company's calibrated quality concept ensures that all of Evosys' optical units are capable of assisting users in achieving outstanding exchange times and reproducible processes in their production lines. Additionally, the company's next-gen optics technology significantly enhances its clients' welding processes by enabling far shorter welding times. Above all, Evosys' suite of solutions is backed by its comprehensive industry know-how, which guarantees that all of its clients' needs are satisfied in a highly flexible and cost-effective manner. "Our support from design consulting to finished production solution combined with our experience in producing prototypes allows customers to save time and get their products to market quicker," states Wittmaier. The company's well-documented portfolio also aids clients in complying with the healthcare mandates across the world and gain positive ROI.

Currently, the company has offices in China and other large global market with a new office in the U.S. is presently under construction. Moving forward, Evosys plans to expand its worldwide partner and subsidiary network to help more clients across countries. To conclude, Wittmaier reiterates the significance of Evosys' team and business culture, "Our team's familial interaction with each other drives efficient internal communications and facilitates constant influx of innovative ideas that directly play into the enhancement of our strong and flexible portfolio." 