

Product Information Sheet

ASSEMBLY · LASER · ECM · AUTOMATION

SITEC



Laser cutting of surgical implants

Laser technology ensures a high-precision and efficient machining of medical devices. SITEC offers its customers comprehensive engineering expertise, many years of experience in laser machining of materials as well as in manufacturing automated production systems knowing the requirements of ISO 13485.

Process advantages

- Excellent cutting edges
- Burr-free laser cutting of very thin sheets up to 4 mm
- Minimal distortion due to low heat input

Your SITEC solution

For efficient and flexible laser cutting of various surgical implants we offer a standardized laser cutting machine of our LS series. Loading and unloading of the laser cutting machine is realized automatically via workpiece storage and ensures an autonomous process time up to 15 hours. Thanks to the program management it is possible to save and edit various product designs in a fast and simple way. With a repetition accuracy of $\pm 2 \mu\text{m}$ and a position accuracy of $\pm 10 \mu\text{m}$ you will achieve highest process reliability in your production with our SITEC laser cutting machine. Depending on the task, different laser sources can be integrated for the process.

Series production

Beside our machines, SITEC offers you a ramp-up or series production on its in-house facilities and in certified quality according to ISO 9001.



Laser cutting machine for surgical implants

- Laser standard machine of the LS series
- Manual loading and unloading of the storage
- Autonomous process time up to 15 hours due to internal handling
- Program management
- Integrated process- and quality monitoring
- SIEMENS control
- Small footprint
- Short delivery times

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