

hyperDENT[®]

hyperDENT[®] with Concept Laser – Powerful and precise additive manufacturing.

Concept Laser



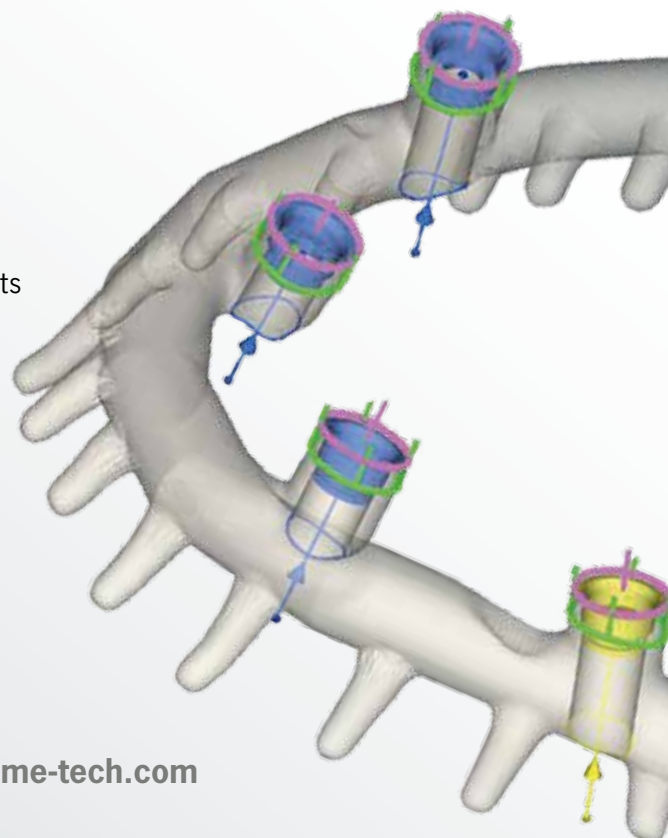
FOLLOW-ME! is committed to maintaining a long-term cooperation with renowned international manufacturers in the dental industry. Together with our partner Concept Laser, we work on perfectly coordinated combinations of hardware components, software solutions, processes and services so that our customers receive the maximum benefits from both companies and can concentrate completely on their own customers' needs.

The hyperDENT[®] Additive Manufacturing Workflow is configured perfectly to suit the Concept Laser machines. With the additive manufacturing process, our customers can produce complex geometries from metallic materials which would otherwise not be possible via traditional milling. FOLLOW-ME! and Concept Laser

also offer Hybrid Manufacturing, a highly efficient and economical combination of additive and subtractive technologies for the production of implant based indications for which standard tolerances must be maintained. New features and further developments to the hyperDENT[®] CAM software are consistently implemented into the process so that users are always technologically up-to-date.

Advantages of hyperDENT[®]:

- Open, highly automated and flexible system
- LaserCUSING[®] and milling in one CAM software
- Simple, intuitive operation
- Production of various support structures
- Automatic nesting of the components
- Automatic generation of ID tags for the identification of parts
- Automatic generation of the machining allowance for milling
- Material-independent
- Maximum precision and time efficiency throughout the entire process
- Always technologically up-to-date through consistent software enhancements and developments
- Worldwide premium support



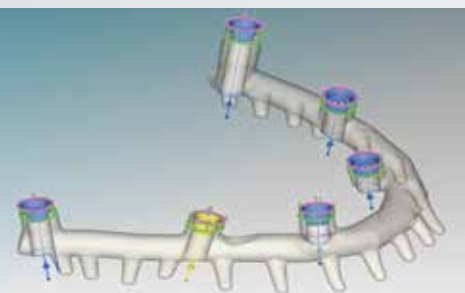
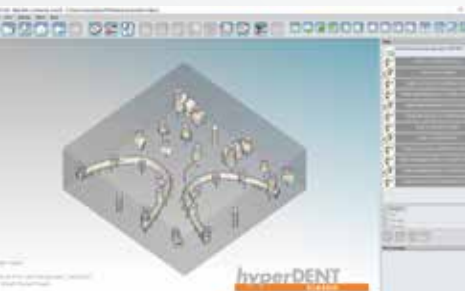
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hyperDENT®

Highest quality, precision-fit dental restorations manufactured with maximum efficiency.

Concept Laser provides customers with perfectly coordinated hardware components along with corresponding process monitoring. Concept Laser is a world-leading supplier of machinery and plant engineering technology for 3D printing of metal components. Their patented LaserCUSING® process is a technology driver. The powder-based laser melting of metals enables the tool-free, economical manufacturing of highly complex dental restorations in smaller batches. During the production process, the 3D customer data is prepared in *hyperDENT*® for the SLM machine and then constructed on the SLM machine (i.e. Mlab Cusing) using additive manufacturing. Afterwards, the final processing can be done on any chosen milling machine. FOLLOW-ME! and Concept Laser offer customers the highest possible product quality from both companies along with the required support for the entire production process.



concept-laser.de

Mlab model range overview:

- Mlab cusing (100 W laser power fiber laser suitable for the processing of precious metals)
- Mlab cusing R (100 W laser power fiber laser suitable for the processing of precious metals as well as reactive materials such as titanium or titanium alloy)
- Mlab cusing 200R (200 W laser power fiber laser suitable for the processing of reactive materials such as titanium or titanium alloy as well as dental materials)

Advantages of the Mlab cusing 200R:

- 23 % larger build platform in comparison with the Mlab cusing / Mlab cusing R
- 54 % more total build volume for the production of larger components
- 200 W fiber laser for maximum productivity
- Longer average machine run time due to a larger filter
- User-friendly display design



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