

## Faser-Laser



Unique properties characterize these fiber lasers, such as electrical-optical efficiencies up to more than 30%, outstanding beam quality with  $M2 < 1.1$  for single-mode fiber laser design,  $M2 < 1.2$  for double-clad fiber, a long lifetime ( $> 100,000$  hours) and a compact, maintenance-free and insensitive design.

With the laser marking machines from Systemtechnik Hölzer, the markings succeed on a wide variety of materials.

- Hard Metal
- Aluminum
- FR2/ FR4-composite materials
- Brass
- Acrylic
- Ceramic
- Copper
- Plastics
- Wood
- Leather
- Leder
- Plant leaves
- Fruits/Vegetables



## Rent laser on demand



Systemtechnik  
Hölzer

Systemtechnik Hölzer GmbH  
Westerbachstraße 4 • D-61476 Kronberg im Taunus  
Tel.: +49 (0)6173-92490  
Mail: [vertrieb@hoelzer.de](mailto:vertrieb@hoelzer.de)

## CO<sub>2</sub>-Laser



Besides solid-state lasers, this type of laser is one of the most powerful and most frequently used in industry. A beam of infrared light with a wavelength in the 9.4 and 10.6  $\mu\text{m}$  bands is generated. CO<sub>2</sub> lasers are efficient and cost-effective, which is why they are used primarily in industrial material processing.



Marking  
Labeling  
Engraving

All Types are available as  
Faser- oder CO<sub>2</sub> - Version

A Unit of



Systemtechnik  
Hölzer

**All Types are available as  
Faser- oder CO2 - Version**

The LAS 22 is a compact tabletop unit with a small working area, ideally suited for small parts. Due to its small size, the unit is very practical and can be used anywhere.

## **LAS 22 Table laser**

**Product data** on request



The LAS 20 is a practical stand-alone device that can be used anywhere, with a large interior, a storage space below the work area, and a large field of view. A laptop is directly connected to the laser housing.

## **LAS 20 Standlaser**

**Product data** on request



The LAS 26 is an open laser system with which small parts and also large, bulky parts can be lasered. Due to the lack of an enclosure, the dimensions of the workpiece are variable. It is possible to integrate this laser system into an existing plant.

## **LAS 26 open system**

**Product data** on request



The LAS 23 is a mobile laser that can be moved to the workpiece to be marked thanks to its mobile base and is therefore suitable for large and heavy workpieces. Due to the removable laser head, the marking can be done directly on the workpiece.

## **LAS 23 mobile laser**

**Product data** on request



The LAS 28 is a practical stand-alone unit that can be used anywhere, with a very large interior. Due to our adaptable frame, special solutions are easy to realize. A laptop is directly connected to the laser case.

## **LAS 28 Standlaser**

**Product data** on request



The LAS 27 is a flexible all-round talent. Thanks to the three different, manually adjustable axes, marking of small to very large parts up to a height of more than one meter can be realized with ease. With the swivel axis, the laser head can be positioned in the most difficult places. The LAS 27 is mobile and can easily be rolled to the workpiece.

## **LAS 27 mobile Laser**

