

Ease of use and high practical value had priority in the development of the LG100 desktop laser system.

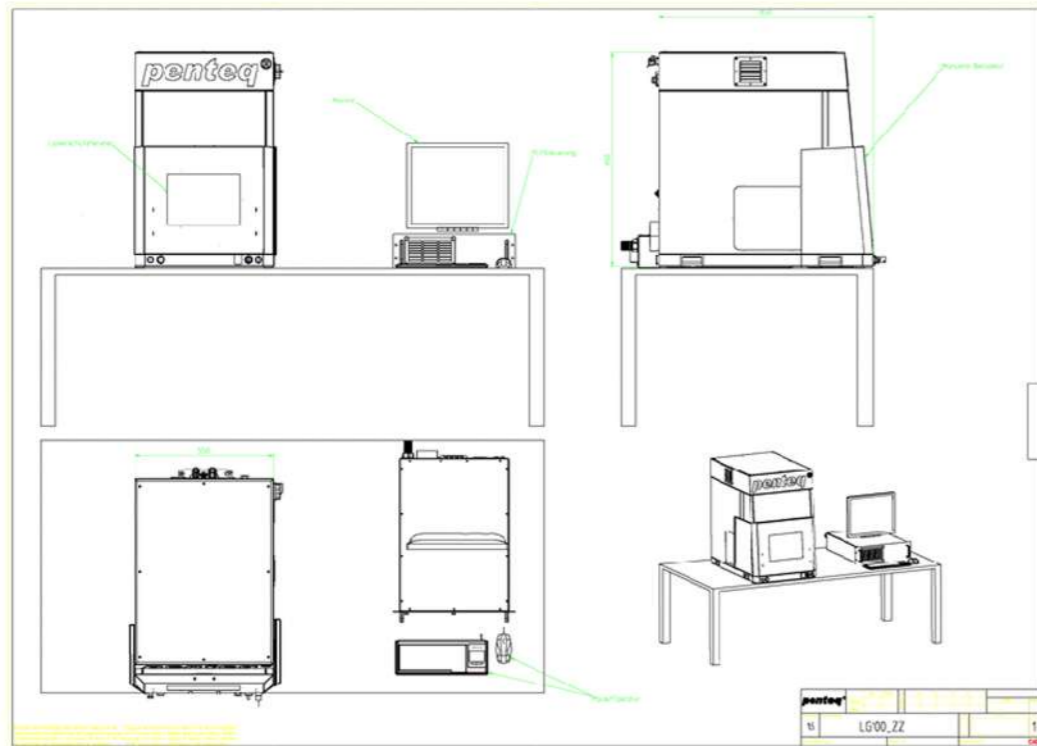
Particularly compact design and generous space at the same time is the main feature.

The main components such as laser supply unit and Industrial PC, as well as the NC-controlled Z-axis are fully integrated. Screen, keyboard and mouse can be placed freely.



DesktopLaserSystem

Premium-quality with compact dimensions



Workspace inside	490 x 285 x 200 mm (B x T x H)
Marking field	150 x 150 mm
Working range axis Z	200 mm
Dimensions	600 x 900 x 890 mm (D x W x H)
Weight approx.	150 kg
Maximum workpiece weight	30 kg
Aktice Media	Yb fiber laser
Cooling	Air cooled

LG 100



DesktopLaserSystem LG100

Penteq LG100 desktop laser system is a compact and user-friendly laser class 1 system for economical marking of workpieces made of various materials such as: steel, stainless steel, aluminum, anodized aluminum, brass and numerous plastics.



OPTIMUM ACCESSIBILITY BY U-SHAPE DOOR

The fully automatic door in U-shape allows optimal access to the working area from 3 sides.

This makes it easy to assembly special devices or to aling small workpieces.

The large, CE-certified laser protection window provides excellent process monitoring.



Solid industrial design

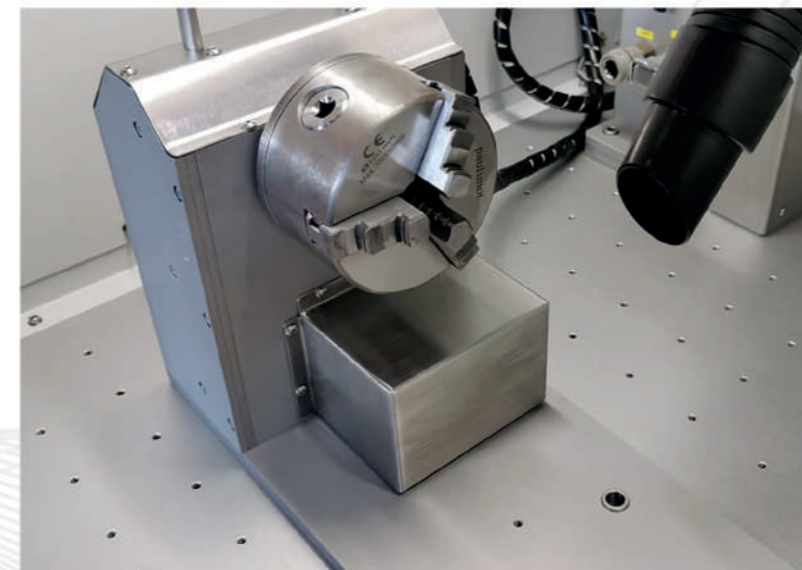
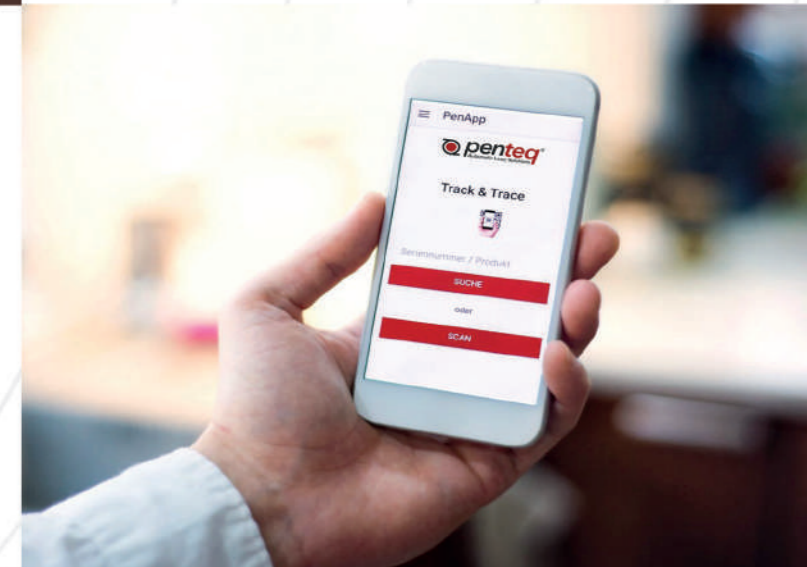
The rigid and powder-coated steel construction is designed for many years of industrial use.

The basic version includes all components required for setup and operation.

Consistent product tracking

In conjunction with the PenApp Track`n Trace, a continuous product tracking system can be installed that takes into account the customer-specific requirements.

The PenApp is characterized by particularly high Ease of use and is suitable for iOS, Android and Windows.



NC-controlled axes

The controlled X, Y and Z axes moves the laser head quickly and precisely at the desired position.

Advantageous for machining large workpieces at different positions.

Automatic production of a large number of small workpieces in one load for high throughput.

In combination with the optional double extension table, the loading / unloading can be done simultaneously with the production process.

Optional vision systems

PenVision Smart Adjust reduces set-up time and enables exact positioning of the labeling layout.

PenVision Verifier enables standard-compliant quality testing of applied Data Matrix codes according to ISO / IEC TR 29158.

