



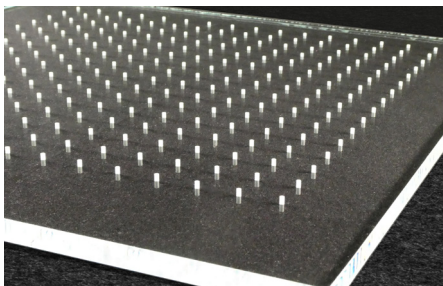
Advantages:

- Digital and flexible machining process
- High-precision structures
- The structures can be transferred directly to the glass without intermediate steps
- The LASER process is suitable for surface stripping as well as for finest structure sizes
- The glass surface remains undamaged and the strength of float and tempered glass is not affected

Applications:

- Switchable glass / smart glass
- Bird safe glass
- Edge stripping
- Increase in mobile radio transmission
- Glass breakage detection
- Alarm systems
- General electrical signal and power line tasks
- Glass control panels
- Glass with RADAR antireflective structure for airports
- Glass keyboards
- Photovoltaics
- Heating glass applications
- Antenna technology on glass

Applications



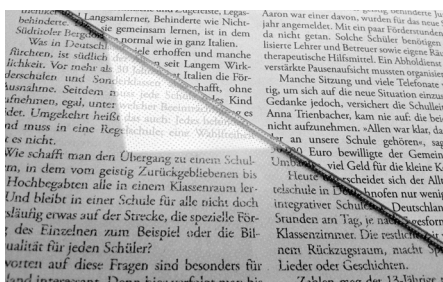
Laser-acoustic glass (2.500 holes /m²)



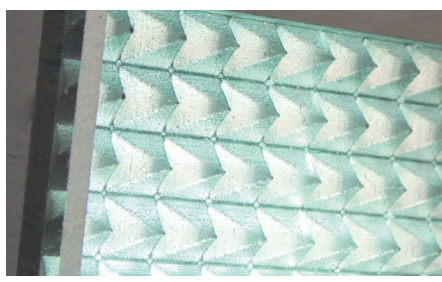
Hi-res LASER marking on tempered glass



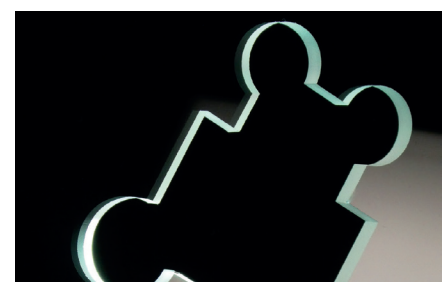
Laser structured Lacobel



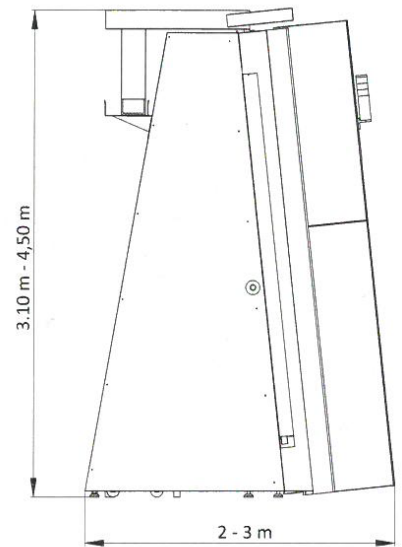
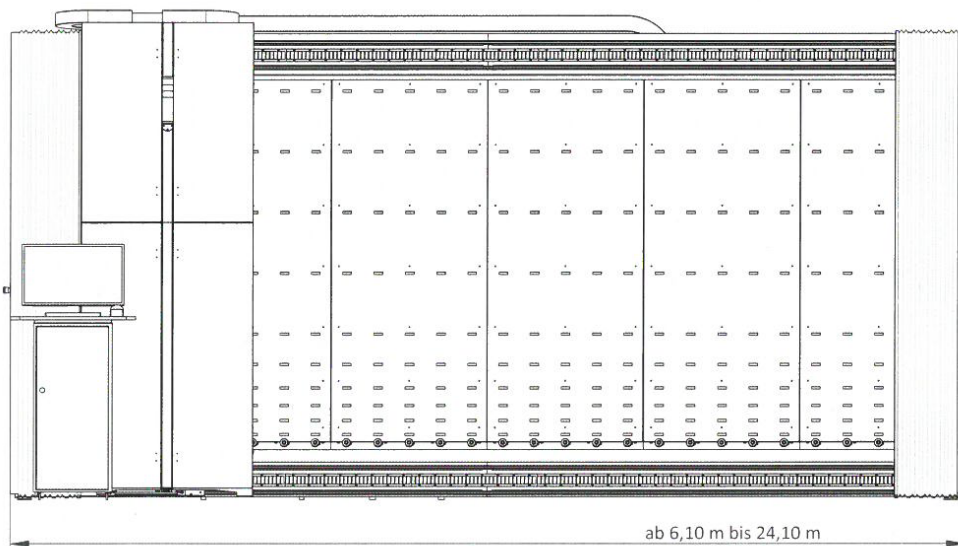
Laser anti slip R9/R10



CNC LASER processing



Laser cutting and drilling



c-vertica

Thanks to linear motor technology with direct position measurement, the c-vertica is highly precise and dynamic. It can optionally be operated in combination with a magazine truck or as a station in an automatic production line and is easy to integrate into production thanks to laser class 1.

Wireless communication and transmission of data plays an important role today and in the future. In buildings, trains and vehicles, however, mobile phone reception is often very weak or impossible. This is due to the fact that windows and glass facades today are generally coated with low-e or sun protection layers, which serve to save energy but block or greatly weaken mobile phone reception.

This is caused by the electrical conductivity of the energy saving layers. Although these allow shortwave light to pass through, they are impermeable to long-wave mobile radio radiation due to the Faraday effect.

If a fine and hardly visible line network is introduced into the energy saving coating with the laser, it also becomes permeable to mobile radio frequencies without the energy-saving function being significantly reduced.

Company

The cericom GmbH is specialised in developing and manufacturing lasermachines for glass processing since 2002. Benefit from the expertise we have built up over the years.

We offer lasermachines for marking, edge deletion, structuring and ablation of thin coatings, for drilling/cutting/3D structuring of glass as well as for frosting and decorating.

We are happy to advise you also on other laser processes and your requirements.

