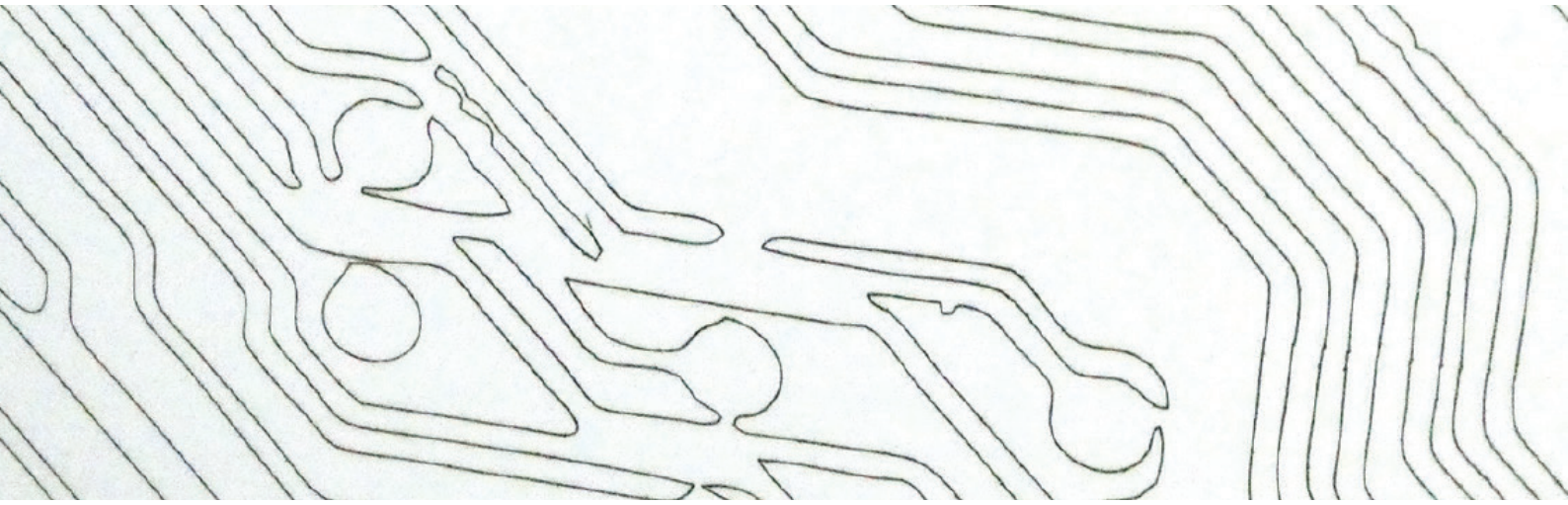
Laser-structuring

AND ABLATION OF THIN COATINGS

cericom laser



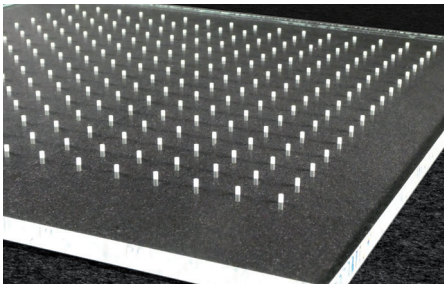
Advantages:

- Dry and force-free processing with great flexibility
- The structures can be transferred directly to the glass without intermediate steps
- The LASER process is suitable for planar ablation 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-friendly glass
- Edge stripping
- Increase of 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

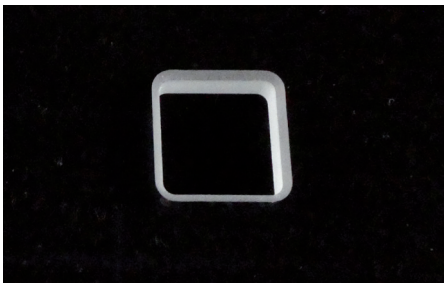
Applications



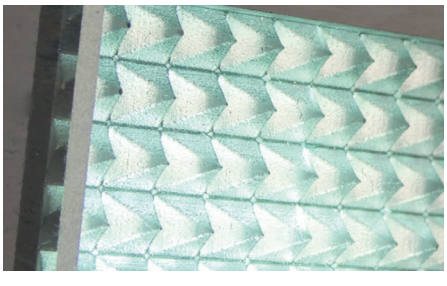
Laser-acoustic glass (2.500holes /m²)

Hi-res LASER marking on tempered glass

Laser structured Lacobel



Bevelled LASER drilling



CNC Laser structure

Improved wireless reception

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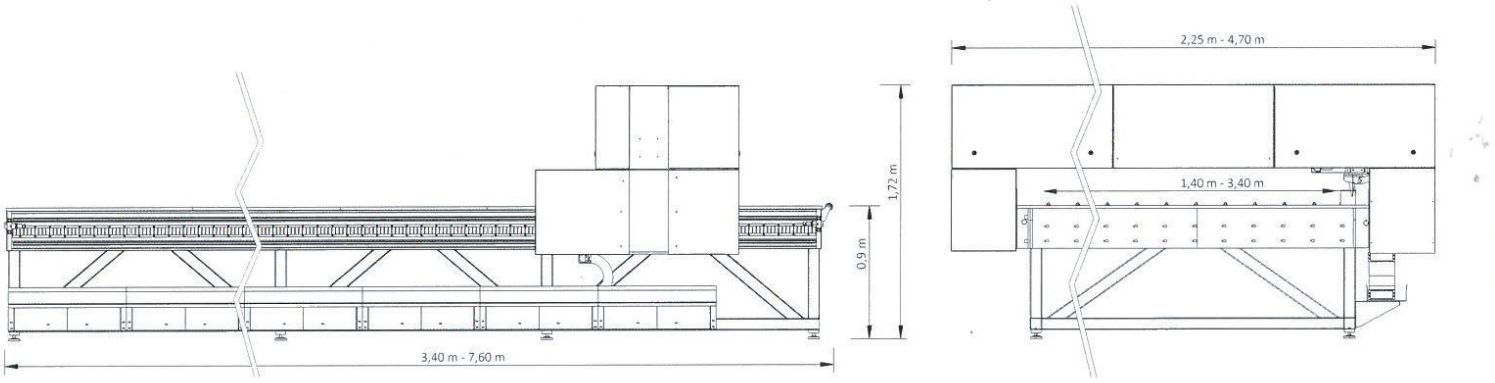

c-matrix

The c-matrix is highly precise and dynamic. The c-matrix is also offered as a laser class 1 system. It is suitable for stand-alone operation, but can also be integrated into a production line.

Laser structuring and the removal of thin layers offer fascinating possibilities.

The structures can be introduced with the laser in a chrome layer as well as in transparent Coatings such as low-e, solar control, ITO and TCO layers.

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/3Dstructuring of glass as well as for frosting and decorating.

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

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