

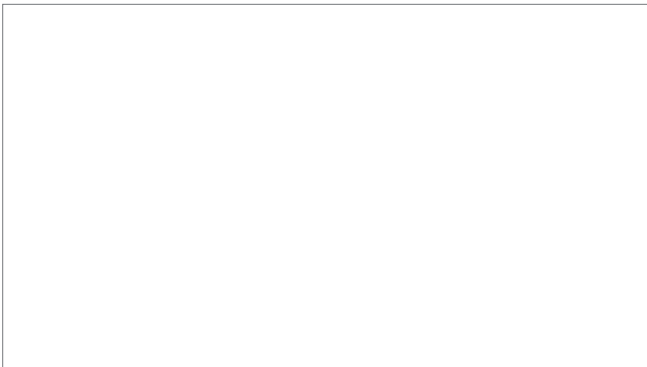
Over 20-years' experience

Corning Laser Technologies combines over 20-years' experience in designing laser-based machine tools with Corning Incorporated's deep understanding of material science.

In 2002 Corning Laser Technologies began creating precision tools for the production of photovoltaic panels, and extended its market reach to include semiconductors, electronics and precision engineering.

In 2012 the focus shifted to glass cutting with Corning Laser Technologies developing novel laser cutting technologies as well as complete processing systems for flat glass panel processing, including full automation for 24/7 high volume manufacturing.

Today Corning Laser Technologies offers a robust portfolio of glass cutting and finishing technologies to meet growing market demands for specialty glass. Its laser technology can provide effective, low-cost, high-quality cutting solutions.



At Corning Laser Technologies we share our true passion for glass. Our team consists of experts who like to think out of the box, to create the perfect solution for you. Our never ending strive for greatness enables us to always surpass ourselves and be one of the leading providers of effective glass cutting solutions.

Processing and Micro Materials

Corning Laser Technologies offers unique laser processing capabilities for demanding applications such as cutting of cover glasses for mobile phones and tablet PCs, displays, camera protection glasses and coated substrates. A specially tuned laser is used to perforate brittle material using a nonlinear optical process. The technology can be used to cut both unstrengthened and strengthened glass, as well as other brittle materials.

Applications

Cutting of Glass Substrates:

- Display glass
- Coated substrates
- Sandwich applications
- Cutting thin substrates

Separation of Strengthened Glass:

- Cover glass for mobile phones
- Cover glass for tablets and PCs
- Camera protection glass

Drilling in Glass Substrates:

- Mobile devices (camera aperture, home button, speaker etc.)
- Laser Marking /Identification
- DMC, OCR

Processing

- Thin-film
- Ceramics
- Semi-conductor materials
- OLED, PET
- Metals and non-metals

CORNING

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