



# isophon 3D GLASS VISIONS

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## ONE OF THE MOST POWERFUL LASER ENGRAVING SYSTEMS FOR GLASS

Large-format glass surfaces with spectacular effects

Overview

- Laser engraving on the glass surface or in the glass
- Any image and any patterns
- World's largest laser processing center for flat glass: all types of glass in sizes up to 3.21 m x 10 m
- Unique effects in the glass available with integrated lighting

## UNIQUE EFFECTS FOR YOUR PROJECTS

The isophon glas laser processing center opens the door to new worlds: unique effects with your images, logos and patterns can be integrated in your facades, windows and balustrades. In the isophon glas laser processing center objects made of glass become amazing eye-catchers in your project, available in almost any size.

## OUTSTANDING POSSIBILITIES

isophon is available for all glasses in all thicknesses. The maximum dimensions are up to 3.21 m x 10 m. Even larger images can be composed of several glasses. isophon is suitable for glass decors, interior design and, above all, offers new and almost unlimited creative possibilities in the design of facades. The combination with lighting over the glass edge also enables a colored design or brightly lit visualization.

## SURFACE ENGRAVING AND SUB-SURFACE ENGRAVING WITH THE HIGHEST RESOLUTION

isophoton is available as a large scale engraving (micromatting) with various surface structures. Individual areas can be left clear or left almost semi-transparent, and other areas can be processed to cover the entire area, all depending on the image. For slip resistance the laser-engraved surfaces of glass stairs and walk-on glasses are an easy-to-clean and visually appealing alternative to slip reduction silk-screen prints.

Laser engravings below the glass surface (microspotting) enable the imaging of three-dimensional objects within the glass body. There are literally no limits to the design possibilities.

## PROCESSING OF COATED GLASS

Unique effects are created in the isophon glas laser processing center by partially removing functional layers: For example, coatings of chrome mirrors or sun protection glazing can be removed in freely definable patterns or gradients, so that the most attractive solutions can be realized for your object.

### Technical specifications:

width / height:

up to 10,000 mm / up to 3210 mm

All glasses in all thicknesses (3D engraving is not possible with tempered glass)  
Also available for insulating glass and facade elements

