

# Production Capabilities at EuropTec



EuropTec assists you in realizing your requirements in glass processing. We offer you a wide range of production steps for your product design and combine them individually.

## 1. Materials

- Float glass (green, white, grey, etc.)
- antireflective glass/AR-glass (Luxar)
- etched glass/anti-glare (AG) glass (EagleEtch), various gloss levels
- reflective glass: front surface mirrors, spy mirrors, split mirrors
- aluminosilicate glass: blank or etched (EagleEtch Tough)
- borosilicate glass
- others on request

## 2. Cutting

### a) with cut edge

max. dimensions	: 1,600 x 1,600 mm resp. 3,500 x 2,700 mm
Glass thickness	: 0.5 – 8.0 mm resp. 2.0 – 19.0 mm
Tolerances	: +/-0,20 mm bei einer Glasstärke von 2-5 mm +/-0,30 mm bei einer Glasstärke von 6-8 mm +/-0,40 mm bei einer Glasstärke von 9-12 mm

### b) with water jet edge

max. dimensions	: 1,400 x 1,850 mm
Glass thickness	: 1.0 – 60.0 mm
Tolerances	: +/- 0.2 mm auf 1,000 mm
Specialty	: complex outlines and cut-outs are possible

## 3. Edge Processing

max. dimensions	: 3,250 x 1,620 mm
min. dimensions	: 80 x 80 mm, smaller dimensions on request
Glass thickness	: 0.7 – 19.0 mm
Tolerances	: +/- 0.1 mm
Types of edge working	: CNC-controlled: seamed edge, C-edge, edge with facet, cropped corners, rounded corners, each grounded or polished



seamed edge



C-edge



edge with facet

## 4. Chemical Tempering (CVG)

max. dimensions	: 1,400 x 617 mm
Glass thickness	: 0.2 – 6.0 mm
Types of glass	: Float glass, AG-glass, aluminosilicate glass, AR-glass on request
Norm	: DIN 12337

### 5. Thermal Tempering (ESG and semi-tempered)

max. dimensions	: 1,800 x 1,300 mm
min. dimensions	: 50 x 200 mm, smaller dimensions on request
Glass thickness	: 2.85 – 12.0 mm
Types of glass	: Float glass, AG-glass, AR-glass, conductive glass
Norm	: DIN EN 12150-1

### 6. Printing on Glass

max. dimensions	: 2,000 x 1,200 mm
min. dimensions	: 10 x 10 mm
Glass thickness	: 0.5 – 30.0 mm
Line width	: from 0.2 mm
Tolerances	: +/- 0.1 mm on 200 mm
Colours	: one- and two-component colours, ceramic colours , UV-colours, functional paints, translucent, metallic, matt or glossy colours in all shades, printed circuit board track

### 7. Glueing

max. dimensions	: 2,000 x 600 mm
Materials	: glass combined with glass, polymers, metal and sensors (PCT)
Adhesions	: light- and humidity-hardening acrylates, pressure sensitive adhesives (PSA),MS-Polymers, polyurethane PUR, reaktive PUR-Hot-Melts, epoxides (also anisotropic)

### 8. Bending

max. dimensions	: 2,800 x 1,400 mm
Glass thickness	: 1.1 – 10.0 mm

### 9. Optical Treatment

max. dimensions	: 500 x 500 mm, others on request
Glass thickness	: 0.4 – 10.0 mm
Types of coating	: gold, chrome, antireflective coatings, antistatic coatings, EMI-shielding-coatings, ITO-coatings, highly reflective coatings, easy-to-clean-coatings

### 10. Laminating (Laminated Safety Glass)

max. dimensions	: 2,000 x 1,400 mm
Glass thickness	: 0.5 – 6.0 mm
Tolerances	: +/-0.20 mm tolerance of displacement
Materials	: Float glass, AG-glass, AR-glass, conductive glass, PCT-sensors
Foils	: PVB-foil, PU-foil, shielding foil, IR-protective foil, polarizers, others on request
Norm	: DIN EN 12543, clean room class 100

### 11. Electric Contacts (busbars)

Width	: 1 – 6 mm
Types	: brazing, copper tapes, others on request

Do you have questions or do you need an advice concerning to very varied possible applications of technical glass? Do not hesitate to contact us!

**EuropTec GmbH**  
**Display Glass Europe**  
Alte Heerstraße 13  
D - 38644 Goslar  
Tel. +49 (0)5321 359 – 0  
Fax +49 (0)5321 359 – 208  
info-goslar@europtec.com

