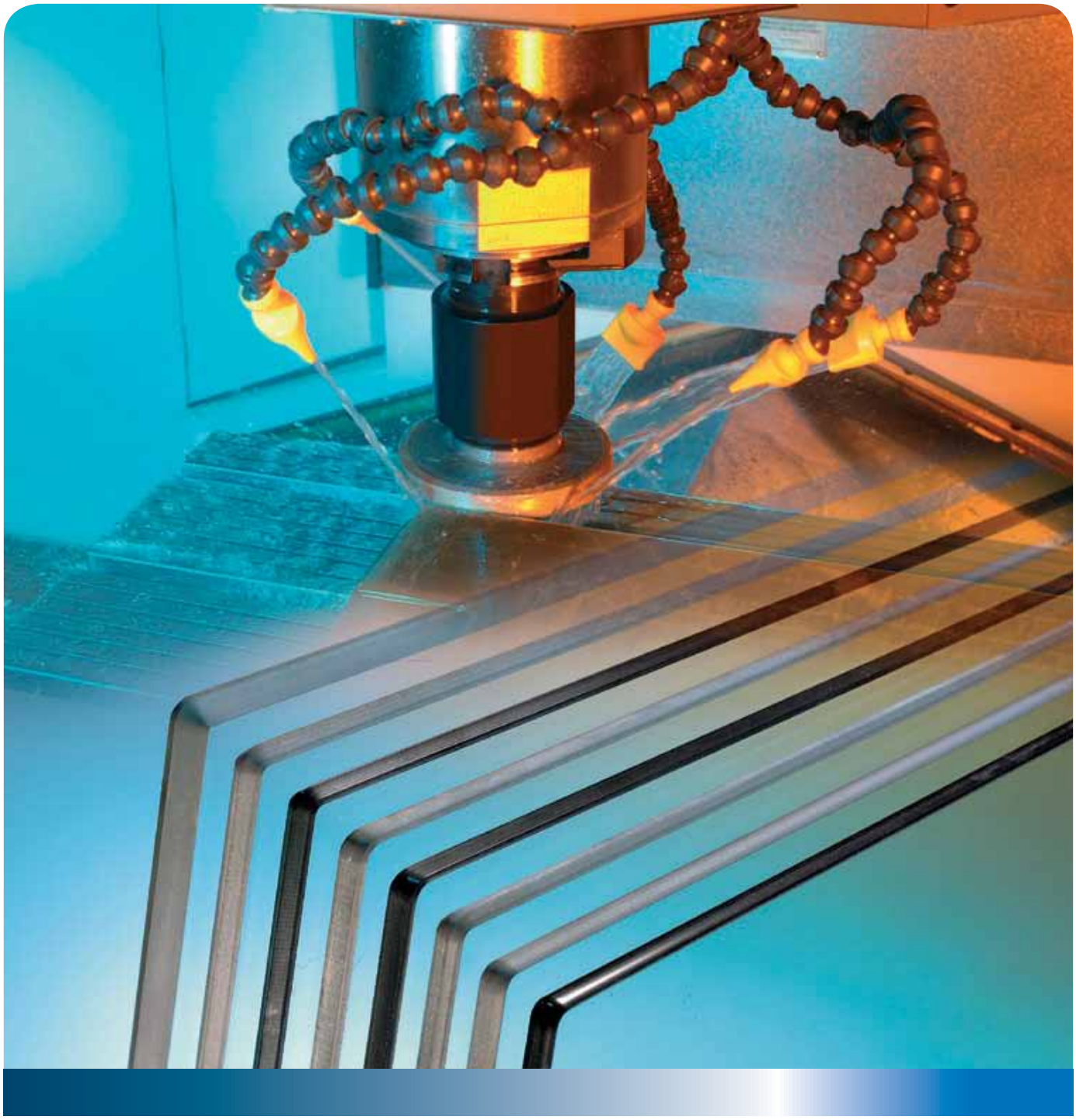


Technical Glass.

CNC shaping - edge work.

BERLINER GLAS

BERLINER GLAS GROUP

CNC shaping - edge work.

Product

Modern CNC technology secures a first-quality and the adherence to tight tolerances not only in edge works, but also for boring and milling.

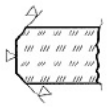
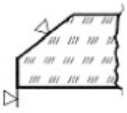
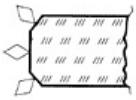
We work on glass, glass ceramic and ceramic(s) for technical applications on computer-controlled machine tools and robots. Shapes, which consist of straight lines, radii or arbitrary forms and run into one another, can be manufactured with highest accuracy also in 3D technology.

Contour-controlled shaping arbitrary radii	all mathematically recordable and digitized forms
Inside contours	Drillings, paragraphs, long holes, bags, slots and lowerings in arbitrary dimensions, edges

CNC shaping is the beginning of a glass refinement process. Further processing and modification of optical characteristics or individual impressions will be offered one-stop.

BERLINER GLAS offers the possibility for the direct data transfer from CAD systems (by disk/E-Mail) for the most common file formats (DXF, IGES, VDA). In the context of the CNC-shaping we offer the following edge forms:

Raw cut or sawed glass has very sharp edges which can be further processed. There are various suitable edge work options depending on the requirements .The possibilities are listed below. BERLINER GLAS offers:

Edge Type	Function (reduced risk of injury)	Design	Design	Costs
Cut edges (Glass is scribed with a diamond or hard metal wheel and then broken on the scribe. Sharp.)	-	-		▬
Seamed edges (Reduced risk of injury)	+	-		▬
Ground edge with seam (The broken area is matt ground. Additionally the edge may be seamed as described in 2. above.)	+	+		▬
C-edge (The broken area is ground to form a C. It has a matt finish)	+	++		▬
Bevelled edges (The edge is ground to form a bevel. In general a bevel is larger than a seam and may have any desired angle between 20° and 70°.)	+	++		▬
Polished edge (Polished for transparency and design)	+	+++		▬

BERLINER GLAS

www.berlinerglas.com

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