

MDI Advanced Processing GmbH's compact stand-alone solution for X-Y and free shape cutting of glass substrates and ultra thin glass

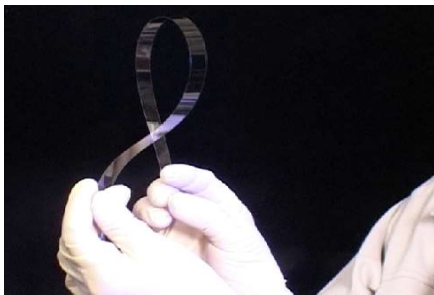
# UTG Glass Cutting with TGS Series



The glass cutting machines of **MDI Advanced Processing GmbH's** TGS series are developed for X-Y and free shape cutting of glass substrates, and equipped with patented MDI cutting wheel technology ensuring highest cutting quality on small footprint.

## Machine Concept

The pneumatic cutting head is designed as a swivel unit with the cutting wheel following the machine axis movements and enables a constant cutting pressure. An universal operating and programming interface with integrated compiler / interpreter for CNC programs allows easy programming. The machine table consists of a black anodized aluminum plate with universal vacuum hole pattern.



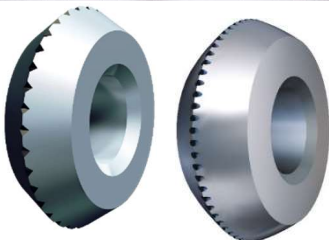
## Technical Data

- substrate size: max. 650 x 650 mm
- glass thickness: 30  $\mu$ m - 2 mm
- positioning / repeat accuracy:  $\pm$  50  $\mu$ m /  $\pm$  25  $\mu$ m
- machine dimensions: min. 1.860 x 730 x 2,340 mm
- Siemens NC control



## Options

- alignment camera system
- special vacuum tables
- post-processor (DXF converter)
- MDI light cutting head for ultra-thin glass
- MDI Solid-D blade for ultra-thin glass



**MDI Advanced Processing GmbH** would like to inform you in detail about our products and demonstrate how glass processing with the TGS series will benefit your company.

Please contact us if you should have any questions or if you are interested in a live demonstration of our technologies.

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