



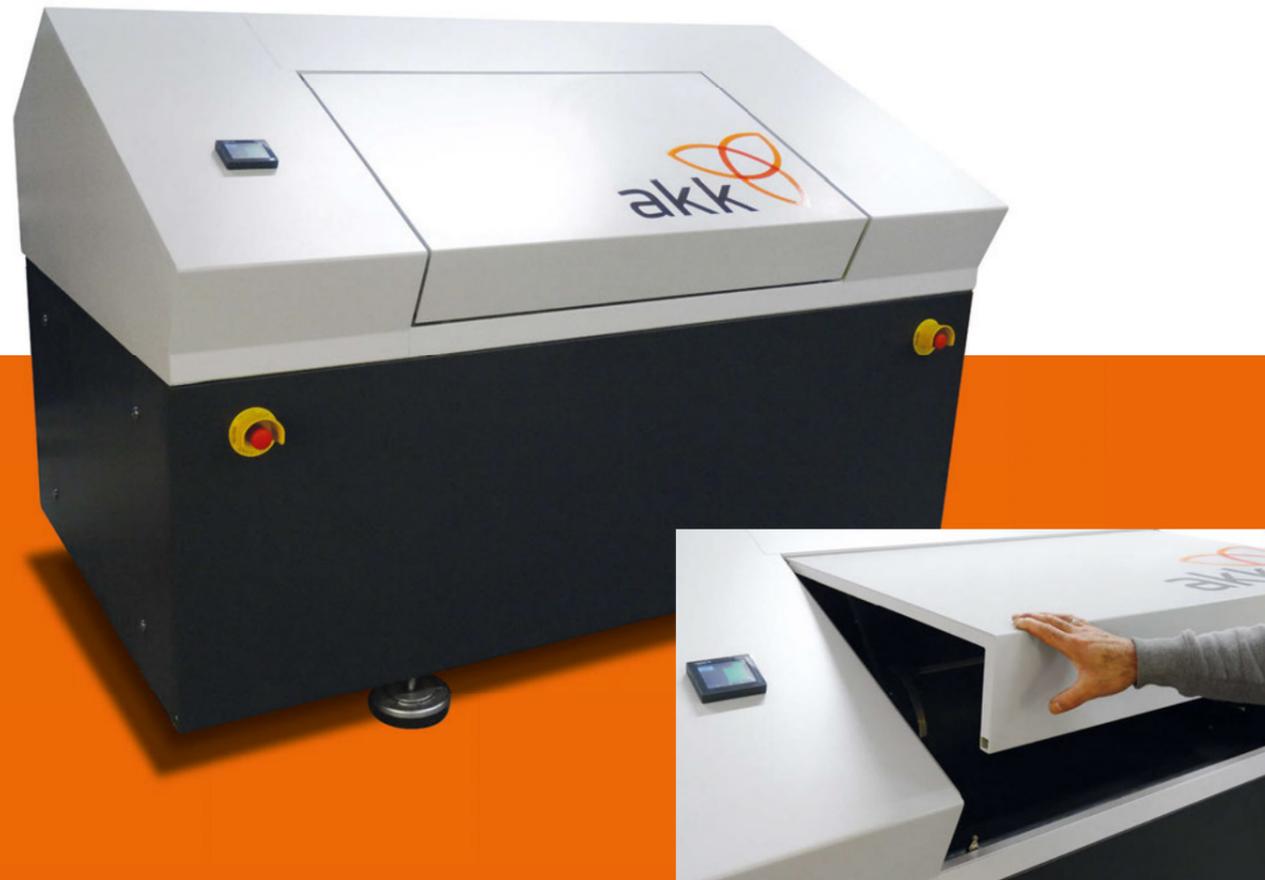
# laser engraver



# history

**AKK GmbH was found in 2010.** AKK GmbH joined long term laser engraving experience by a consolidation the team's knowledge of CST GmbH and Kesper Druckwalzen GmbH. Initially formed to provide upgrade solutions for old laser engraving machines we can offer complete new machine solutions for different high end applications.

Like our philosophy „**YOU PREFER, WE PROVIDE**“ we find together with our customer the right way of investment. We refurbish old laser Engraving machines and also machines from other suppliers, to bring them up to the newest technology in the market. Also we sold complete new machines with different Lasers and different Laser sources and beam solutions into the market. Some of this machines we can show you in Krefeld.



# product



## Flexo engraver

Specially for the application of wallpaper printing, we developed a compact machine which serves perfectly for the field.

With newest high power YAG fiber laser resolutions of up to 50 l/ cm without AO Modulators are achieved. The beam quality produces perfect point shapes. The special software allows an individual solution of any kind of shoulder. Preselected parameters come with the delivery. Thus the operator can use the easy handling software in order to reach superb engraving results. As the laser systems work without external gas supplying systems and without special optical systems, it is very low.

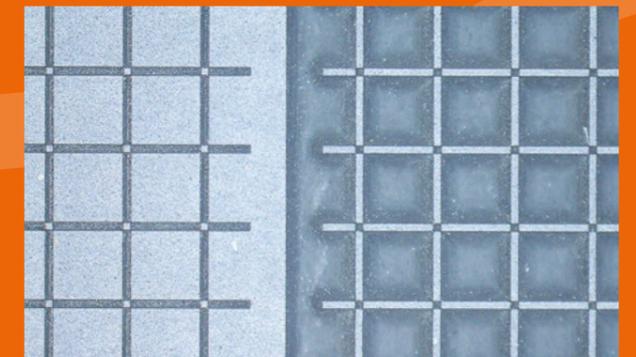
We offer this unit as a one beam or two beam solution with up to 1.200 Watt power.

## The Label Market

The label market demands very detailed engraving results, as smallest points, lines. Chinese letters and round raster points must be realized. Specially for this application we have developed a very compact and efficient engraving machine. With fiber YAG-technology, we achieve into black rubber a 5 microns width, which consequently means 5080 dpi resolution or rasters up to 85 l/ cm. This allows also engravings in the field of security printing. The machine can be delivered with a vacuum drum or a sleeve system.

Plates can be easily mounted onto the drum. The idea of an easy fast handling, in combination with highest quality standards was our aim when developing this engraving unit. Special customer's requirements are covered by the special software.

Those machines are offered with 400-1.000 Watt fiber YAG lasers with AO modulator as one or two beam solution.





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