**Laser - powerful processing without material contact**

Working without contact means more than you might imagine at first glance. No influence of force on the material, no material distortion, no clamping of the material, better material utilisation, less waste, no re-sharpening of the tool are only some of these benefits. The thermal cutting process of the laser is very advantageous in many applications. Fringe-free, slightly fused cut edges in synthetic textiles, sealed multi-layer foils or crystal-clear, smooth cut edges in acrylic are just a few examples. The laser processing is carried out with the highest precision, even very filigree details are cut exactly. Since the laser beam itself is wafer-thin (approx. 0.2-0.3 mm), even inner contours are cut radius-free, without taking the tool diameter into account. Unlike other machining processes, the laser does not become blunt over time. The quality of the cuts remains consistently high for years, from the first to the last workpiece.

Flexibility through the addition of market-proven tools

Of course, there are also machining requests that cannot be optimally implemented with the laser, such as mitre cuts or milling and V-grooves. In this case, eurolaser offers unique flexibility. Additional mechanical tools can be installed on all laser systems. For this purpose, the user has access to well designed eurolaser solutions as well as the entire high-quality tool range of Zünd Systemtechnik AG from Switzerland. For example, milling, knife cutting and marking tools can expand the processing possibilities. Materials that are not suitable for the laser, such as PVC, can also be processed on the same cutting system.