

## **Elementary redesign of laser operation software VLW (Version 2.07.0.0)**

A future orientated fundamental modernisation on the basis of existing software implementations, characterises the enhancement and optimisation of the VLW in architecture and functionality. The development will grant the user a superior software-tool for optimal job-design and job-performance.

The most important improvements at a glance:

### **1. Program architecture**

- + Compatible with Windows Vista® and the earlier versions Windows® XP und 2000 as well as all VLW-versions
- + Elimination of proprietary development platforms
- + Open as standardised software environment including state-of-the-art interfaces

### **2. New program modules**

- + Implementation of a CAD-program (VektorDraw) for importing AutoCAD-files and its conditioning such as hatching, or redesigning/editing of various formats, such as DWG, DXF, PLT a.o.
- + Bitmap (import und editing)
- + Data-Matrix-Code generation and output

### **3. Revisions and appendices**

- + Drag + Drop function for specific objects within a preview windows
- + Preview zoom-function (32x and 64x)
- + New program object: Insert (Creation of sub-files and its saving onto the processor)
- + New program object: Record (Initiating marking jobs from processor, incl. loop-funktionalität)
- + New program object: Pilot (Vectorisation of red-beam pilot function)
- + Status review for various laser parameter/functions \*<sup>1</sup>
- + Implementation of new standard material processing devices such as X-/Y- und C-axis systems
- + Scaling convert modi for Barcodes in accordance with material and marking space
- + New function: Marking on the Fly (MoF)
- + New function: Point definition and manipulation in single line vector-fonts
- + New function: Print optimisation for full flow-chart programs through down-/up scaling
- + New function: Comments (improved flow-chart clarity due to insert opportunity of comments)

### **4. Generally**

- + Updated Layout
- + Language versions in German, English, Spanish, Chinese, Japanese and Korean.

\*<sup>1</sup> – only applicable with latest hardware generation ( Year 2006)