

LPKF Software Solutions for Laser Plastic Welding

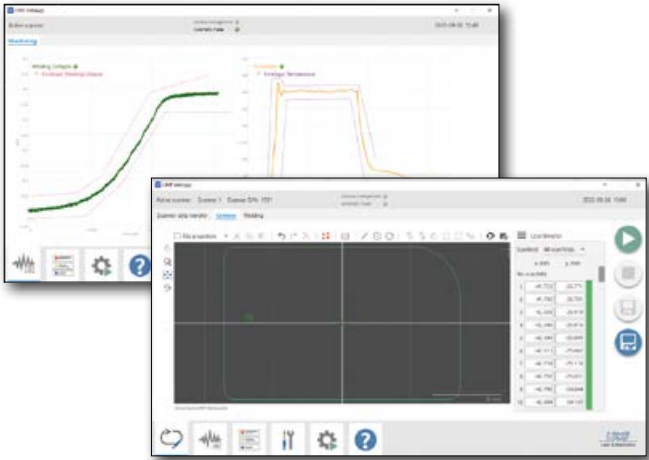
Laser plastic welding systems are much more than just hardware. Quality control, production efficiency, and safety of LPKF machines are based on a sophisticated programming and software structure. With the new software set up of LPKF WeldOS and its WeldApp store, LPKF is your strong partner.

LPKF WeldOS

LPKF WeldOS represents the welding operating system for the machine and all its relevant components like toolings, data interface communication and part handling. It covers all functions needed to ensure a proper and save operation of the machine.

LPKF WeldApps

LPKF WeldApps are representing the new framework of LPKF software solutions. With individual apps each for data traceability, process monitoring and automatic contour management, customers can choose for individual apps that benefits their requirements.

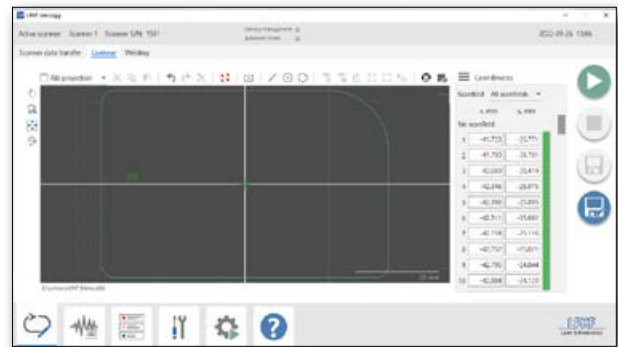


LPKF WeldApp Overview



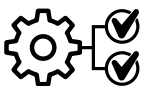
WeldApp ScannerControl

- For an easy and fast upload of welding contours on the scanner
- App for intuitive adjustments of welding contours in reference of weld path track position and scan speeds



WeldApp Monitoring

- Advanced visualization of the welding process
- Displaying collapse distance over time
- Envelope curves for defining process boundaries
- Visualization of a pyrometer signal with an envelope line for radial welding



WeldApp ContourManagement

- Automatic selection of welding contour recipes
- Selection of contours by assembled welding tool
- Increased machine efficiency
- Reduction of set up time
- No manual selection of welding recipes needed



WeldApp Traceability

- Data storage management app
- Traceable storage of welding results for each part
- Increased process quality and transparency
- Creation of individual data sets

... and more WeldApps to come!

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