

**3D/2D LASER ENGRAVERS
FOR TOOLS, DIES &
MOULDS MAKING INDUSTRY**



Deep Engraving on 3D Surface & Drilling for Gem



Mould for Automotive Industry



Deep Engraving of EDM Copper Electrode



Mobile Back Cover Die



Special Ceramics



Texturing on Shoe Die



**3-AXIS UV LASER, FEMTO & PICO-SECOND LASER
COLD LASER PROCESSING**

UDI Marking as per GSI, HIBCC & ICCBBA : Cold Laser Marking for Passivation & Corrosion Resistance



Glass Cutting



Marking & Drilling on Catheter



UDI Marking on Surgical Instrument



Jewellery



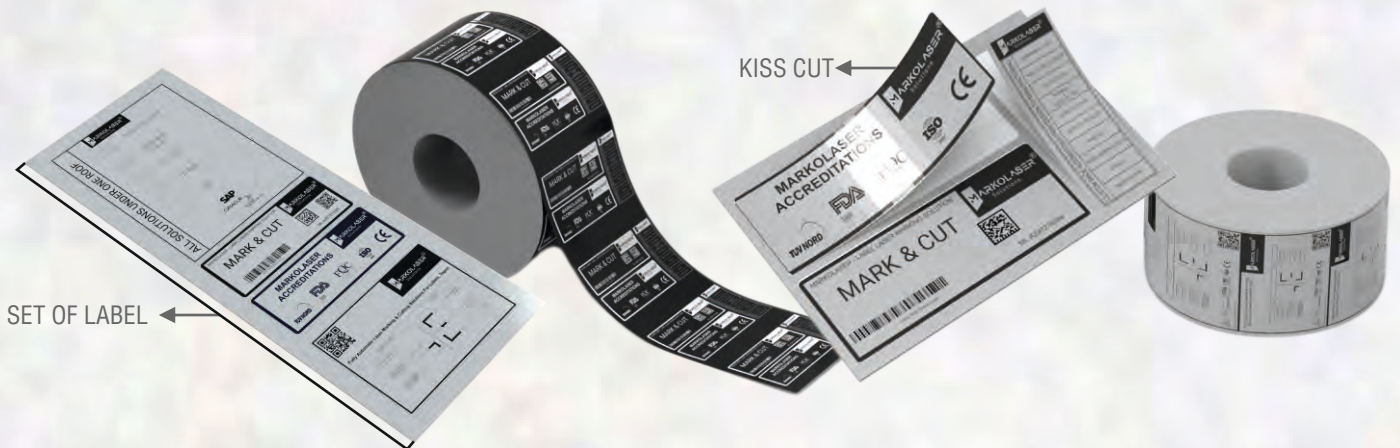
Glass



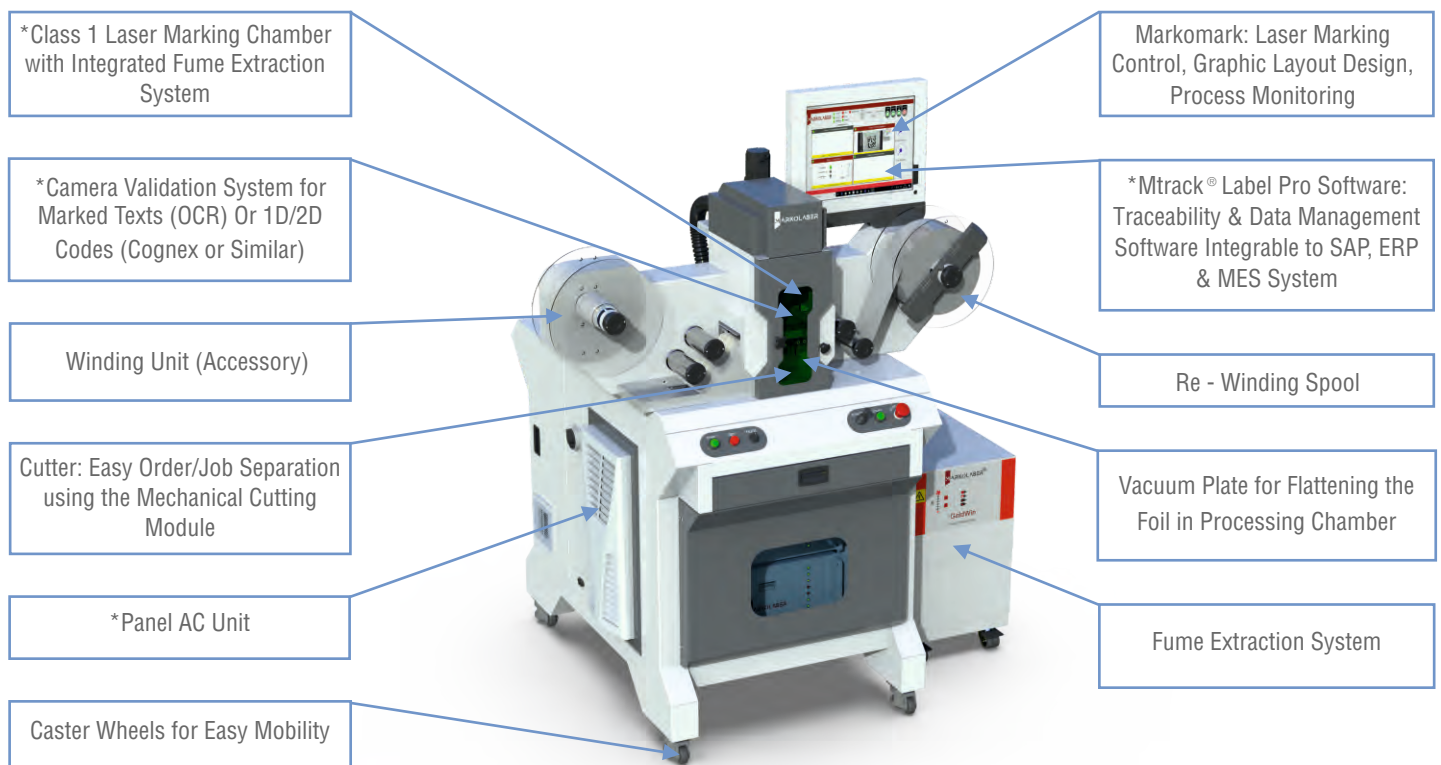
Electrical & Switches

AUTOMATIC LASER MARKING & CUTTING SOLUTION FOR LABELS

Marking, Kiss Cutting, Parting & Data Management of Special Security Labels on **LABEL PRO**



Markolaser Laser Label Marker is a Dedicated System for Precise, High-speed Marking & Kiss Cutting of Laser Specialized Security Labels, VIN Foils & Other Laserable Continuous Materials of Different Sizes. Straight from the Rolls, Cut them Out or Re-Wind again into Rolls Without the Need of Additional Tools.



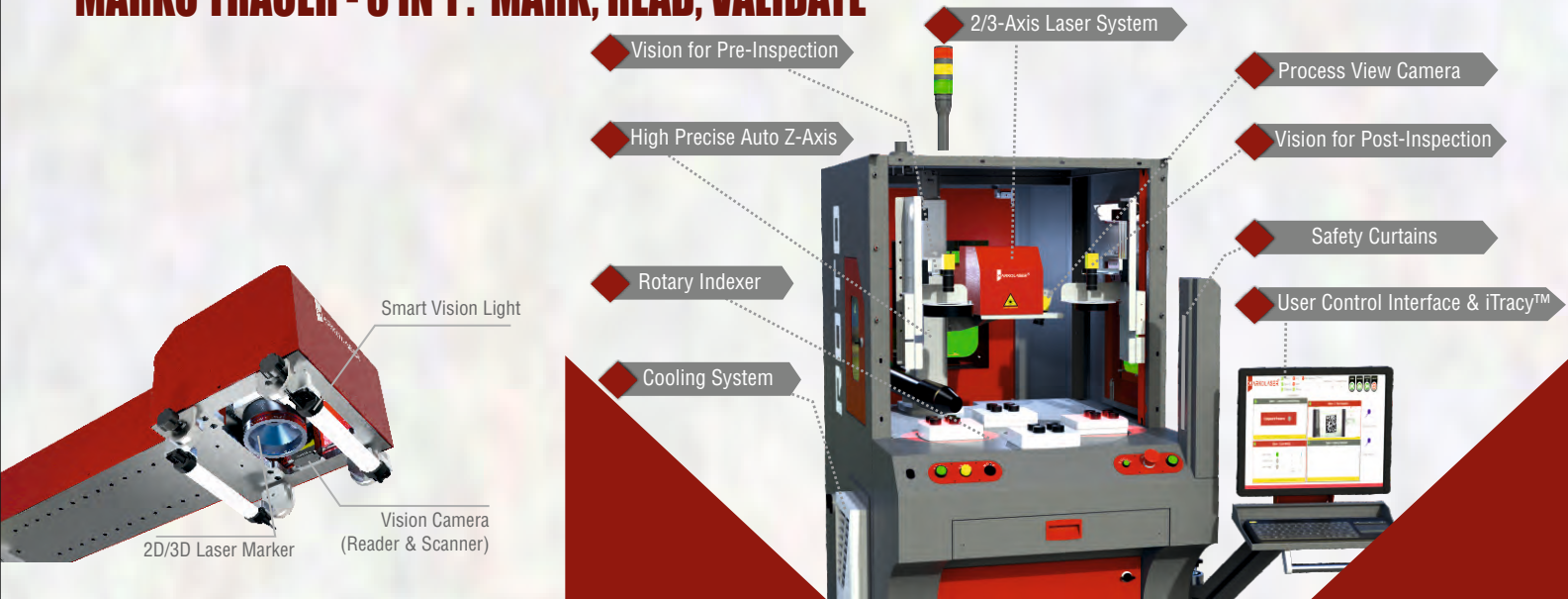
Benefits at a Glance

- Marking, Kiss Cutting & Cutting in One Process.
- High Definition (HD) Marking Resolution.
- Flexibility in Marking & Label Size Cutting (e.g. Sequential Serial Numbers).
- Realization of Micro Marking (e.g. 2D-Bar Codes).
- Class 1 Laser Marking Chamber with Integrated Fume Extraction System.
- MTrack® Label Pro Software : Traceability & Data Management Software.
- IOT 4.0 Interfaces Necessary for Programming & Data Transfers Available.
- Excellent Results on Double-Layered Acrylic Security Labels (NHTSA, EEC, GB, Complied Labels).
- Capable to Mark a Set of Labels According to Requirement.

* Optional

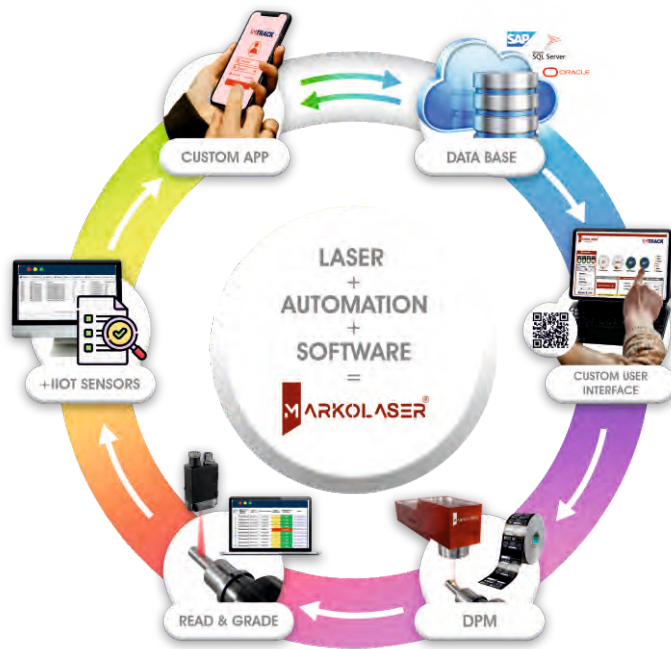
TRACEABILITY SOLUTIONS

MARKO TRACER - 3 IN 1: MARK, READ, VALIDATE

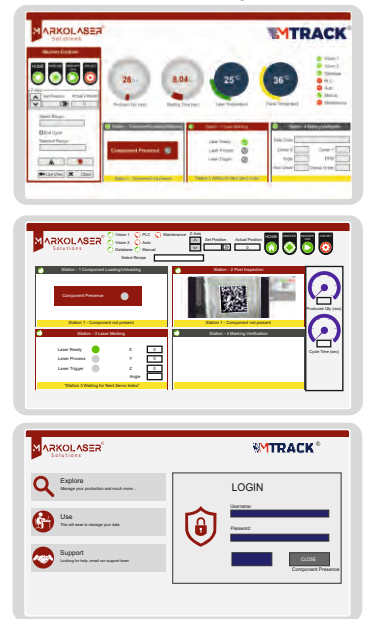


Compatible Laser Types

- FIBER
- GREEN
- UV
- FEMTO
- PICO



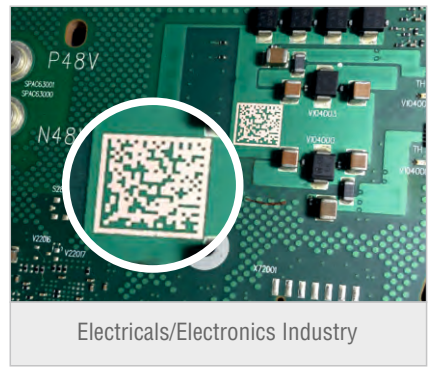
MARKOLASER[®] Custom Traceability Software



- CC-Link IE Field
- Modbus
- EtherNet/IP
- DeviceNet
- RS232 COMM
- PROFINET
- PROFIBUS

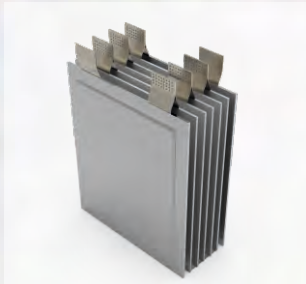
We Follow DPM & Label Code Quality Standards

ISO/IEC	ISO/IEC	ISO/IEC	ISO/IEC	DOD	SAE	FDA	FDA
TR 29158	TR 24720	16022	15415	UID	AS9132	GS1	CFR21

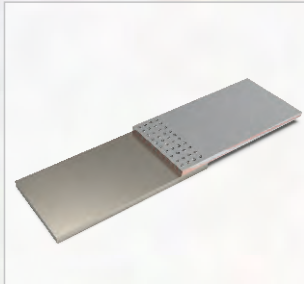


MARKOWELD LASER WELDING SOLUTIONS & SPMs

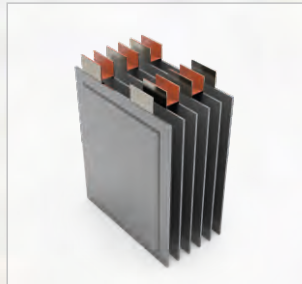
LASER WELDING ON EV BATTERY PACKS



Tab to Tab Welding



Foil to Tab Welding



Tab to Busbar Welding



Customized Robotic, Gantry, Rotary, Linear etc. CAD-CAM/Automation Integration of 100-6000W IR Laser as Per Application.



Laser Spot Welding on Li-ion Battery Tab



Keyhole Welding on Automotive Gears

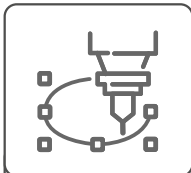


Plastic Laser Welding



Heat Conduction Welding on Medical Implants

SPINKS CORE CAPABILITIES



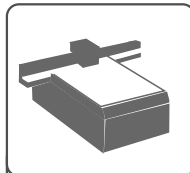
Laser Technology



Pad Printing Technology



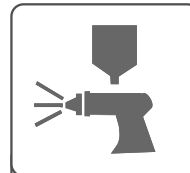
Screen Printing Technology



Digital Printing Technology



Brilliant Compliant Inks



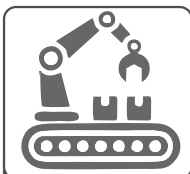
Spray Painting



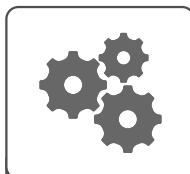
Traceability Software



Engineering Design Center



Custom Automations



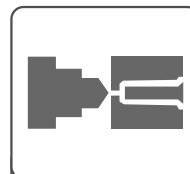
Tailored Machine Solutions



Precise Machining



Jigs & Fixtures



Injection Moulding



PVD



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