



CAJO TAILOR UV™ - THE ULTIMATE UNIT FOR INTELLIGENT MARKING

CAJO TAILOR UV™

Cajo laser marking systems enable precise and permanent markings with repeatedly the same high quality. The flexible laser marking units have been designed to replace all outdated and wasteful marking methods such as inkjets traditionally used in the industry.

The new UV model, **Cajo Tailor UV™**, enables laser marking for a wider spectrum of materials than ever before. UV laser can produce high-contrast, high-quality markings without damaging the surface of the material.

The Cajo Tailor UV™ model enables the marking of challenging materials such as **plastics, polymers, silicons, foil materials**, and **light-reflecting metals**. With the UV laser, it is possible to achieve qualitative improvement while increasing production efficiency and marking speed.

Cajo Tailor™ integrable marking systems can be operated with **CajoSuite™** PC software or with **CajoSmart™** embedded software. Both control solutions provide software interfaces that enable the devices to be controlled and monitored from another system such as **MES, PLC**, or **computer** for smooth integration.

Choose Cajo for intelligent product marking.

Benefits of UV laser:

- High precision and resolution
- Minimal heat impact
- Versatility across materials
- High contrast markings
- Improved readability and visibility



CONTACT INFORMATION

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CAJO SOFTWARE SOLUTIONS POWER YOUR PRODUCTION

CAJOSUITE™

Cajo Technologies combines laser control and software solutions for optimal marking results. Cajo's cutting-edge technology offers a high-performing solution to any production environment and application needs.



CajoSuite™



Cajo Control Board™

THE BEST PROCESS CONTROL ON THE MARKET

- High-quality marking on the fly for time-critical production lines
- Fast and precise control of the laser marking process
- High-quality markings
- Versatile and easy-to-use product marking software
- Connectivity to other processes



POWERFUL CONTROL BOARD
AND INTELLIGENT SOFTWARE



SUSTAINABLE TECHNOLOGY
WITHOUT ADDITIVES



HIGH-QUALITY, PRECISE AND
PERMANENT MARKINGS



FAST MARKING ON THE FLY
FOR MASS PRODUCTION LINES



LOW RUNNING COST,
SHORT PAYBACK TIME



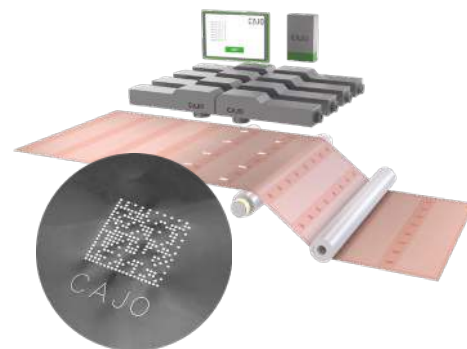
VERIFIED MARKING PARAMETERS
FOR 4 000+ MATERIALS

Product marking has never been more efficient than with the cutting-edge laser marking software designed by Cajo Technologies.

CajoSuite™ is a comprehensive and easy-to-use software for laser marking. The flexible software contains features for designing markings and variables for full traceability and product identification. The user-friendly software offers a simple user interface for operators. The software has two modes, **Design Mode**, and **Production Mode**.



CajoSmart™ is an embedded software designed for high-speed and time-critical manufacturing processes. CajoSmart™ enables synchronized control of several marking heads at the same time and supports variable marking content with an option for a touchscreen interface. This revolutionary solution provides first-class laser markings in a hectic manufacturing environment. No PC is needed on the production floor thanks to Cajo's embedded onboard control system.



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TECHNICAL DATA

Laser type	Ultra violet (UV)
Wavelength	355 nm
Laser class	Class 4
Laser power	4 W
Beam guiding	High-speed optical galvanometers
Marking speed (max)	500 characters/s or 7 m/s Can be upgraded up to 1000 characters/s or 14 m/s
Marking field	160 x 160 mm
Max size for the markable part	Scalable
Cooling	Air
Power supply	110-240 V / 50-60 Hz
Power consumption:	220 W
Marking software	CajoSuite™ CajoSmart™
Dimensions and weights (H x W x L)	
IP rating (marking head)	Device enclosure 178 x 482 x 566 mm (11,0 kg) Marking head with a (160 mm) lens 230 x 205 x 810 mm (17,5 kg)
Ambient conditions	IP33 (Comparable) 10-40 °C, Humidity (non-condensed environment) ≤95 %
Connectivity	I/O: 6 x IN 24 VDC, 6 x OUT 24 VDC 1 x Incremental encoder input (RS-422) 1 x LAN (for control) 1 x EtherCat (option)
Safety interlock	Duplicated safety contacts with feedback. Safety performance level PL=d.
Computer minimum recommendations for Tailor (not included in standard delivery)	
Processor / Memory / Hard Drive	Intel i5 / 4 GB / 64 GB
Operation system (x64)	Windows 7 / Windows 10 / Windows 11
Interfaces	1 x LAN

TRADEMARK

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