CAJO

CAJO TAILOR GREEN™ – RELIABLE MARKING UNIT FOR NICHE MATERIALS
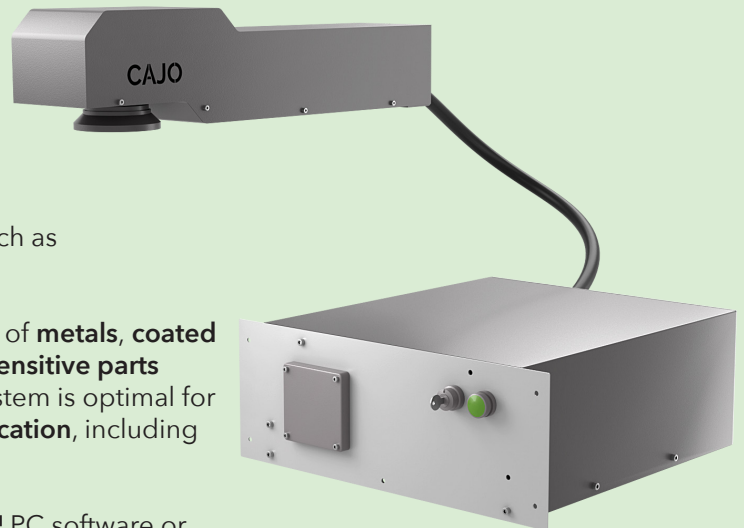
CAJO TAILOR GREEN™

Cajo Tailor Green™ laser marking unit can be integrated into a production line or into a device. The powerful laser marking machine is designed for 24/7 use in production facilities where high performance and reliability are required.

The cost-efficient laser marking unit has been designed to replace all outdated and wasteful marking methods, such as inkjets.

Cajo Tailor Green™ is suitable for the permanent marking of **metals**, **coated metals**, **soft materials** like **polymers**, such as **silicon**, and **sensitive parts** including **electronic components**. The flexible marking system is optimal for creating product markings for **full traceability** and **identification**, including micro-scale barcodes, data matrix and QR codes.

The Cajo Tailor™ Series can be operated with **CajoSuite™** PC software or with **CajoSmart™** embedded software. Both software solutions provide easy-to-use user interfaces that enable the marking systems to be controlled and monitored from another system such as MES, PLC, or computer.

Choose Cajo for reliable product marking.

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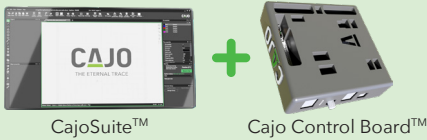
CAJO SOFTWARE SOLUTIONS POWER YOUR PRODUCTION

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™

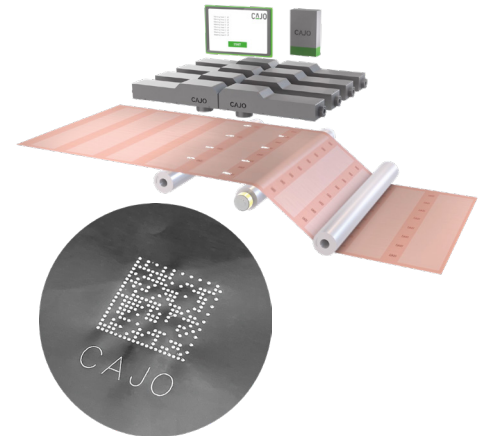## ▬ THE BEST PROCESS CONTROL ON THE MARKET

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

CAJOSUITE™

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™

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. 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.

POWERFUL CONTROL BOARD AND INTELLIGENT SOFTWARE

HIGH-QUALITY, PRECISE AND PERMANENT MARKINGS

LOW RUNNING COST, SHORT PAYBACK TIME

SUSTAINABLE TECHNOLOGY WITHOUT ADDITIVES

FAST MARKING ON THE FLY FOR MASS PRODUCTION LINES

VERIFIED MARKING PARAMETERS FOR 4 000+ MATERIALS

TRADEMARK

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v.1.3

TECHNICAL DATA (METRIC SYSTEM)

Laser type	Pulsed fiber laser
Wavelength	532 nm
Laser class	Class 4
Laser power	20 W
Beam guiding	High-speed optical galvanometers
Marking speed (max)	500 characters/s or 7 m/s
Preview system	Not available
Marking field	150 x 150 mm
Max size for the markable part	Scalable
Cooling	Air
Power supply	110–240 V / 50–60 Hz
Power consumption	210 W
Marking software	CajoSuite™
Dimensions and weights (H x W x L)	
	Device enclosure 178 x 482 x 560 mm (17 kg)
	Marking head 150 x 148 x 660 mm (10,5 kg)
Ambient conditions	15–35 °C, humidity ≤80 %
Connectivity	I/O: 6 x IN 24 VDC, 6 x OUT 24 VDC
	1 x RS-422 (incremental encoder input)
	1 x LAN (for control)
	1 x Serial port (laser source control)
	1 x Service LAN (diagnostics only)
Safety interlock	Duplicated safety contacts with feedback
Computer recommendations (not included in standard delivery)	
Processor	Intel i5
Memory	4 GB
Hard drive	64 GB
Operation system	Windows 7 / Windows 10 / Windows 11
Interfaces	1 x LAN, 1 x Serial

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TECHNICAL DATA (IMPERIAL SYSTEM)

Laser type	Pulsed fiber laser
Wavelength	532 nm
Laser class	Class 4
Laser power	20 W
Beam guiding	High-speed optical galvanometers
Marking speed (max)	500 characters/s or 23 feet/s
Preview system	Not available
Marking field	5.9 x 5.9 in
Max size for the markable part	Scalable
Cooling	Air
Power supply	110–240 V / 50–60 Hz
Power consumption	210 W
Marking software	CajoSuite™
Dimensions and weights (H x W x L)	
	Device enclosure 7.0 x 19.0 x 22.0 in (37.5 lb)
	Marking head 5.9 x 5.8 x 26.0 in (23.1 lb)
Ambient conditions	59–95 °F, humidity ≤80 %
Connectivity	I/O: 6 x IN 24 VDC, 6 x OUT 24 VDC
	1 x RS-422 (incremental encoder input)
	1 x LAN (for control)
	1 x Serial port (laser source control)
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