



# CAJO TAILOR COMPACT UV™ - A SMART AND SUSTAINABLE ALTERNATIVE TO TTO

## CAJO TAILOR COMPACT UV™ (AIR COOLED)

UV laser marking offers significant advantages over traditional **TTO** (Thermal Transfer Overprinting) technology, especially in high-speed and demanding production environments.

The Cajo Tailor Compact UV™ can be seamlessly integrated into existing production lines and is an excellent solution for **fast, accurate, and permanent marking** on food, beverage, and pharmaceutical packaging.



### COMPLETE TURNKEY SOLUTION BY CAJO

Cajo Technologies offers a complete solution designed for seamless integration into industrial production environments.

Example case: Integrating laser marking system into bag-making machines. The Cajo laser can be embedded directly into or alongside the packaging machine with minimal mechanical modifications.

This enables high-quality, maintenance-free, and material-efficient marking that improves line uptime and reduces operational disruptions.

### CAJO DELIVERY INCLUDES

- **The marking device**  
Cajo Tailor Compact UV™
- **A full mechanical and safety integration package (optional)**  
Including protective enclosures, safety locks, monitoring systems, and application-specific mechanical design
- **Software integration**  
Enabling real-time data exchange, product-specific marking control, and full production line monitoring

### Choose Cajo for sustainable product marking.



#### SUSTAINABLE TECHNOLOGY WITHOUT ADDITIVES

No need for inks, ribbons, or other expendables



#### HIGH-QUALITY, PRECISE AND PERMANENT MARKING

Ideal for delicate films, dark packaging, and sensitive surfaces



#### LOW RUNNING COST, SHORT PAYBACK TIME

Eliminate recurring costs for consumables and minimize downtime from ribbon or printhead changes



#### LOW MAINTENANCE REQUIREMENTS

Fewer moving parts and a long-lasting laser ensure high uptime and reliability



### CONTACT INFORMATION

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## CAJO TAILOR COMPACT UV™ TECHNICAL DATA

### CAJOSMART™

**CajoSmart™** is an embedded laser marking software designed by **Cajo Technologies** for demanding, high-speed and time-critical manufacturing processes. The flexible software can communicate seamlessly with machine or production control systems.

#### BASIC FEATURES

- Variable text and coding
- Automatic sequencing, timestamps, etc. are available
- Multirow text marking or template-based content
- Any vector graphics or logos can be added to the marking
- Comprehensive user manuals with minimal training required
- Industry 4.0 capability and continuous software development
- Factory-calibrated system with matching design and marking dimensions

#### USER INTERFACE

- Multilingual CajoSmart™ UI (option) optimized for touchscreen operation
- Multilingual and platform-independent CajoSmart™ Web UI (option)
- Multiple lasers can be controlled with one CajoSmart™ UI
- Enables a 3rd party to create their own UI by using Cajo integration interfaces



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)	Up to 12 000 mm/s
Marking field	100 x 100 mm
Max size for the markable part	Scalable
Cooling	Air
Power supply	110-240 V / 50-60 Hz
Power consumption:	<400 W
Marking software	CajoSuite™ CajoSmart™
<b>Dimensions and weights (H x W x L)</b>	
IP rating (marking head)	Device enclosure 178 x 300 x 336 mm (11 kg) Marking head (including connector) with 100mm lens. 298 x 142 x 208 mm (10 kg) IP54
Ambient conditions	10-30 °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.
<b>Computer minimum recommendations for Tailor</b>	
Processor / Memory / Hard Drive	Intel i5 / 4 GB / 64 GB
Operation system (x64)	Windows 10 / Windows 11
Interfaces	1 x LAN

#### TRADEMARK

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