



## CAJO TAILOR FIBER™ - THE ULTIMATE UNIT FOR UNIVERSAL MARKING

### CAJO TAILOR FIBER™

**Cajo Tailor Fiber™** laser marking system 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.

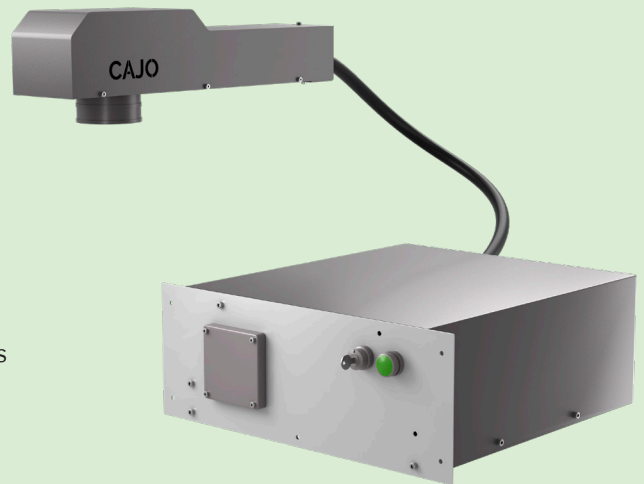
The flexible laser marker has been designed to replace traditional and wasteful marking methods, such as inkjets. Cajo Tailor Fiber™ is suitable for the permanent marking of products and semi-products made of, for example, **metals, plastics, or coated metals** and **coated plastics**.

The **FiberPlus** model is a versatile all-around marking machine. It is an affordable but capable solution for most applications.

The **Advanced** model has a wider range of adjustment possibilities, which enables the marking of challenging materials such as soft polymers and light-reflecting metals, including **copper** and **brass**.

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

Choose Cajo for universal product marking.



#### CONTACT INFORMATION

Rasivainiontie 8  
FI-90440  
Kempele, FINLAND  
+358 10 583 5020  
info@cajotechnologies.com

#### CAJOTECHNOLOGIES.COM



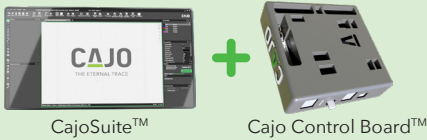


## CAJO SOFTWARE SOLUTIONS POWER YOUR PRODUCTION

### CAJOSUITE™

### CAJOSMART™

**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.



#### THE BEST PROCESS CONTROL ON THE MARKET

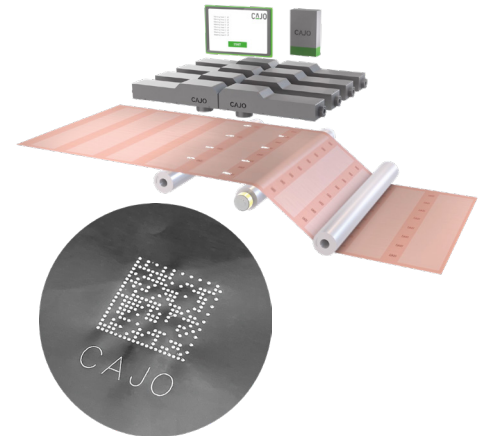
- High-quality marking on the fly for time-critical production lines
- Precise and fast control of the laser marking process
- High-quality markings
- Versatile and easy-to-use product marking software
- Connectivity to other processes

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. 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

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## TECHNICAL DATA (METRIC SYSTEM)

Laser type	Pulsed fiber laser
Wavelength	1060-1080 nm
Laser class	Class 4
Laser power	20 W / 50 W / 100 W (Fiber) 20 W / 60 W / 100 W (FiberPlus) 20 W (Advanced)
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	110x110 / 175 x 175 / 220 x 220 mm
<b>Max size for the markable part</b>	<b>Scalable</b>
Preview system	Integrated red light pointer (Class 2)
Cooling	Air
Power supply	110-240 V / 50-60 Hz
Power consumption:	
20 W Fiber	170 W
50 W Fiber	260 W
100 W Fiber	400 W
20 W Advanced	130 W
Marking software	CajoSuite™ CajoSmart™
<b>Dimensions and weights (H x W x L)</b>	
	Device enclosure 178 x 482 x 560 mm (15-20 kg) Marking head 155 x 131 x 545 mm (7 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)
Safety interlock	Duplicated safety contacts with feedback
<b>Computer recommendations for Tailor (not included in standard delivery)</b>	
Processor	Intel i5
Memory	4 GB
Hard drive	64 GB
Operation system	Windows 7 / Windows 10 / Windows 11
Interfaces	1 x LAN

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## TECHNICAL DATA (IMPERIAL SYSTEM)

Laser type	Pulsed fiber laser
Wavelength	1060-1080 nm
Laser class	Class 4
Laser power	20 W / 50 W / 100 W (Fiber) 20 W / 60 W / 100 W (FiberPlus) 20 W (Advanced)
Beam guiding	High-speed optical galvanometers
Marking speed (max)	500 characters/s or 23 feet/s Can be upgraded up to 1000 characters/s or 46 feet/s
Marking field	4.3 x 4.3 / 6.9 x 6.9 / 8.7 x 8.7 in
<b>Max size for the markable part</b>	<b>Scalable</b>
Preview system	Integrated red light pointer (Class 2)
Cooling	Air
Power supply	110-240 V / 50-60 Hz
Power consumption:	
20 W Fiber	170 W
50 W Fiber	260 W
100 W Fiber	400 W
20 W Advanced	130 W
Marking software	CajoSuite™ CajoSmart™
<b>Dimensions and weights (H x W x L)</b>	
	Device enclosure 7.0 x 19.0 x 22.0 in (33.1 - 44.1 lb) Marking head 6.1 x 5.2 x 21.5 in (15.4 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)
Safety interlock	Duplicated safety contacts with feedback
<b>Computer recommendations for Tailor (not included in standard delivery)</b>	
Processor	Intel i5
Memory	4 GB
Hard drive	64 GB
Operation system	Windows 7 / Windows 10 / Windows 11
Interfaces	1 x LAN

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