CAJO TAILOR CO2 ESSENTIAL™ 30 W - VERSATILE LASER MARKING SOLUTIONS FOR DIVERSE APPLICATIONS

CAJO TAILOR CO2™ 30W ESSENTIAL

Cajo Tailor CO2™ is a laser marking unit that can be integrated into a production line or into a device. The robust laser marker has been designed to cost-efficiently replace all outdated and wasteful marking methods, such as inkjets. The system's electrical and mechanical integrability, as well as the user experience and usability, are excellent thanks to Cajo's own laser marking software, **CajoSuite™**.

Cajo Tailor™ enables precise and durable markings with repeatedly the same high quality regardless of the environmental conditions or surface structure.

Cajo Tailor CO2™ is suitable for the permanent marking of **plastic**, **rubber**, **glass**, **stone**, **wood**, **leather**, **cellulose based** and **other organic materials**.

Easy-to-use marking software CajoSuite™ makes the design and customization of marking content easy and flexible. The intelligent software makes it possible to add variable marking information, such as logos, date codes, serial numbers, barcodes, QR and data matrix codes, and other product information.

Unlock new possibilities in product marking with Cajo Tailor CO2™ – a versatile laser solution trusted across multiple industries. From **Food & Beverage** and **Pharma** to **glass**, **rubber**, **wood**, and **textiles**, this CO2 laser system delivers clean, sustainable, and maintenance-free markings on organic and non-metallic materials. Perfectly suited for high-speed production environments in **packaging**, **paper**, and **tobacco** sectors.

Choose Cajo for cost-efficient product marking.

CONTACT INFORMATION

Rasivainiontie 8
FI-90440
Kempele, FINLAND
info@cajotechnologies.com

CAJOTECHNOLOGIES.COM

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

All trademarks are the property of Cajo Technologies Ltd. All rights reserved. Information contained herein is subject to change without notice. No part of this Data Sheet may be reproduced in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Cajo Technologies Ltd. Cajo Technologies Ltd. retains ownership and all other rights of all drawings, models, shapes, solutions, ideas, or any kind of industrial property rights presented or expressed in this Data Sheet. All other use of the material presented or expressed in this Data Sheet except for getting acquainted with, quoting, ordering, or using in business otherwise involving Cajo Technologies Ltd. is strictly prohibited.

CAJOTECHNOLOGIES.COM

v.1.3

TECHNICAL DATA

Laser type	CO2-laser
Wavelength	9 300, 10 600 nm
Laser class	Class 4
Laser power	25 W, 9 300 nm 30 W, 10 600 nm
Beam guiding	High-speed optical galvanometers
Marking speed (max)	Up to 12 000 mm / s
Preview system	Red-dot preview
Marking field: 25 W / 30 W	90 x 90 / 110 x 110 / 140 x 140 mm
Max size for the markable part	**Scalable**
Cooling	Air
Power supply	110–240 V / 50–60 Hz
Power consumption: 30 W	600 W
Marking software	CajoSuite™ CajoSmart™
Dimensions and weights (H x W x L)	
	Device enclosure 178 x 482 x 560 mm (10 kg)
30 W	Marking head 722 x 177 x 146 mm (15,4 kg)
Ambient conditions	5-40 °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
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

TRADEMARK

All trademarks are the property of Cajo Technologies Ltd. All rights reserved. Information contained herein is subject to change without notice. No part of this Data Sheet may be reproduced in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Cajo Technologies Ltd. Cajo Technologies Ltd. retains ownership and all other rights of all drawings, models, shapes, solutions, ideas, or any kind of industrial property rights presented or expressed in this Data Sheet. All other use of the material presented or expressed in this Data Sheet except for getting acquainted with, quoting, ordering, or using in business otherwise involving Cajo Technologies Ltd. is strictly prohibited.

CAJOTECHNOLOGIES.COM

v.1.3