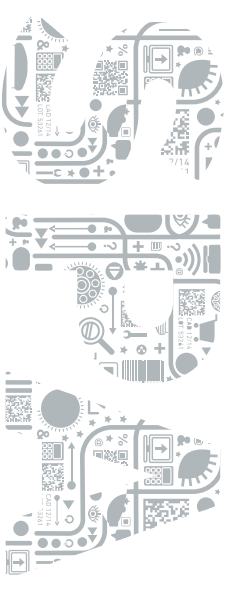




# WE CHANGED THE RULES, AGAIN



THE FIRST MODULAR LASER  
THAT GROWS WITH YOUR NEEDS

**SPA C** by **MACCSA**

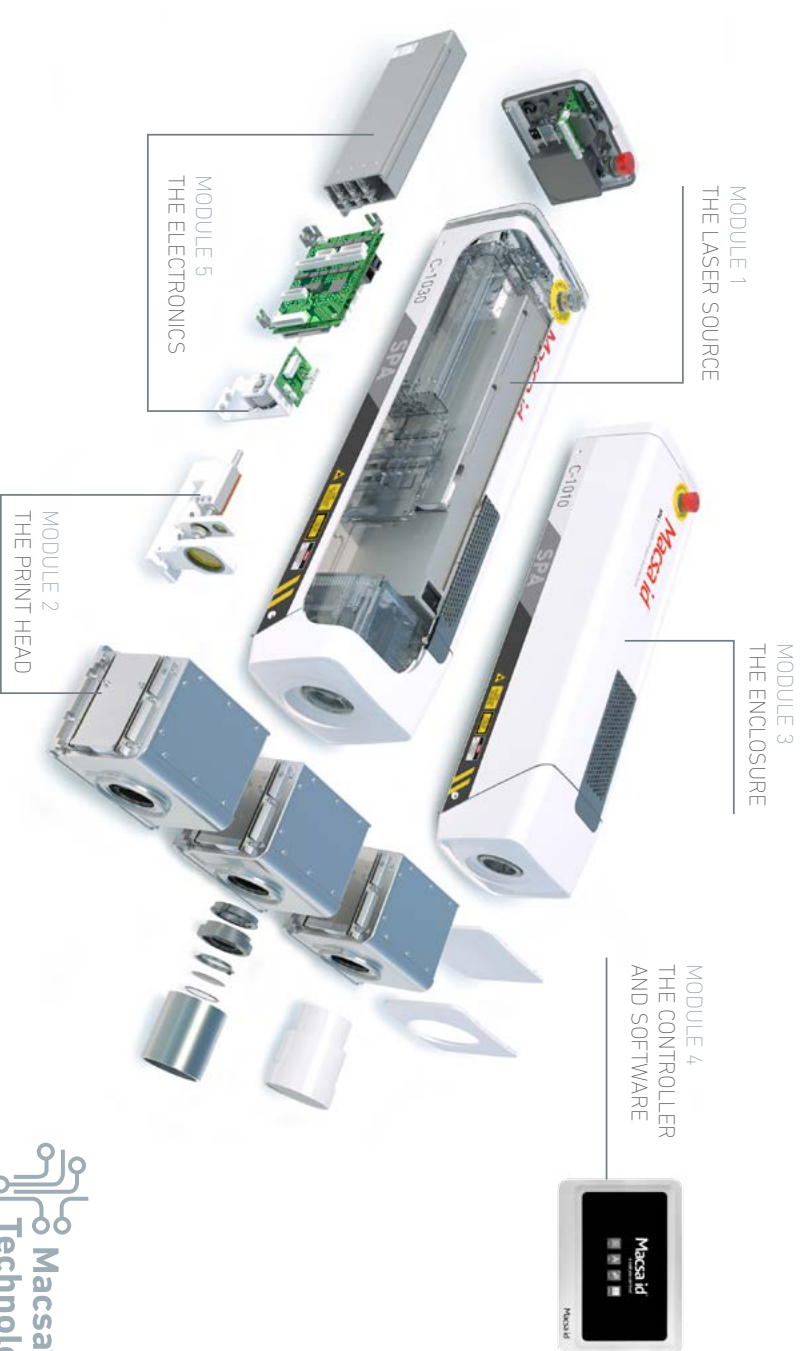
Modular. Better. Complete

**Macsca id**  
a code you can trust



## THE FIRST CODING AND MARKING LASER THAT GROWS WITH YOUR NEEDS

The new SPA lasers by Macsa simplify everything: they modular system will allow you to meet your present and future coding and marking needs. SPA lasers becomes a more functional investment than other equipments as it may be adapted, module by module, to the specific needs of your production line.



SPA IS MUCH MORE THAN A LASER SYSTEM. LET US SHOW YOU HOW IT CAN HELP IN CODING AND MARKING YOUR PRODUCTS.



## RELIABILITY

The SPA laser by Macsa complies with **IP54** guidelines, ensuring it stays sealed in dusty environments. It is also cooled via a reverse air circuit (**RAF®**) which keeps the inside free of dirt and dust. The lenses receive a constant airflow that keeps them free from dust and impurities that can distort the marking.



## VERSATILITY

The modular system on which SPA laser is based, enables it to easily adapt to the needs of every production line or marking type. Its modular design makes it easy to perform tasks such as installing lenses, changing heads (**EEPs®**) and printing on curved or uneven surfaces using **3D printing** options.



## CONNECTIVITY

SPA lasers can work individually but they can also work in team: **OPTIMA** for a full real-time control of the production of your company; **NICE LABEL** to design, create and print labels; **iLABEL SYSTEMS** to print & apply wherever you want; **REMOTE CONTROL** to set the device remotely by a Macsa technician.



## PRECISION

SPA lasers have higher-quality lenses and a **Vibration Compensation System (VCS®)** to ensure high-resolution marking even on high-speed production lines.



## SIMPLICITY

**Marca software®** that controls the laser has been redesigned to be truly easy to use and to provide operators with the maximum number of options in terms of designing the message and controlling the unit. SPA lasers are provided with videos and help material to facilitate its installation and integration. It includes Full Graphics Interface.

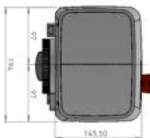
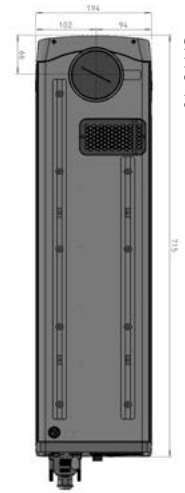


## ADAPTABILITY

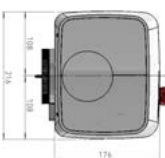
The needs of production lines change (more speed, new materials, more complex graphics and messages, etc.), which is why Macsa gives you a wide range of **essential and extra accessories** to optimise the laser's performance and allow it to be optimally integrated into the needs of your production line.

SPA C

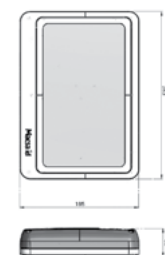
SPA C-10



SPA C-30

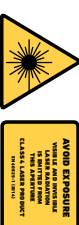


Touch Screen



SYSTEM TYPE	SPA C-10 NXT	SPA C-10 NXT Plus	SPA C-30 NXT	SPA C-30 NXT Plus					
POWER	10 W	10.6 µm (For Bio Materials) / 10.2 µm (Laminated Film) / 9.3 µm (PET Bottles)	30 W	17.6 x 21.6 x 72.5 mm					
WAVELENGTH		145.5 x 1.94 x 715 mm		Net: 25 kg ; Gross: 28 kg					
DIMENSIONS		Net: 17kg ; Gross: 20 kg		Net: 25 kg ; Gross: 28 kg					
WEIGHT									
SYSTEM		Laser Scanners, Power Source, Controls Electronics and Computer built into laser tube							
POWER		AC 100-120V // AC200-240 V (50/60Hz)							
CONSUMPTION		300 VA		600 VA					
OPTICS									
WD / FD	Marking Area	Spot Size (µm)	Power Density (KW/cm <sup>2</sup> )	Spot Size (µm)	Power Density (KW/cm <sup>2</sup> )	Spot Size (µm)	Power Density (KW/cm <sup>2</sup> )		
55 / 65	40 x 40	301	28	150	113	301	84	150	338
85 / 95	60 x 60	385	17	192	69	385	52	192	207
115 / 125	75 x 75	506	10	253	40	506	30	253	119
150 / 160	100 x 100	648	6	324	24	648	18	324	73
230 / 240	150 x 150	-	-	486	11	-	-	486	32
310 / 320	200 x 200	-	-	648	6	-	-	648	18
400 / 410	250 x 250	-	-	830	4	-	-	830	11
SOFTWARE									
USER INTERFACE									
CONTROLLED BY									
CONNECTIVITY									
SIGNALS CONTROL									
SAFETY									
PROTECTION									
ACCESSORIES / OPTIONS									
ENVIRONMENTAL CONDITIONS									

CE FC IP54 UL R6HS COMPLIANT



SPA C by MACCSA

Modular. Better. Complete



MACSA ID, S.A. Pl. Pla de Santa Anna | 08272 Sant Fruits de Bages, Barcelona (Spain)  
T. +34 93 873 87 98 | macsa@macsa.com | www.macsa.com

Macsa id  
a code you can trust