

SYSTEM TYPE		SPA C-10 NXT S				SPA C-10 NXT P				SPA C-30 NXT S				SPA C-30 NXT P				SPA C-30 UHS		SPA C-30 HPD	
POWER		10 W												30 W							
WAVELENGTH		10,6 μm (For Bio Materials) / 10,2 μm (Laminated Film) / 9,3 μm (PET Bottles)																			
DIMENSIONS (AxBxC)		715 x 145.5 x 194 mm				723.5 x 176 x 216 mm				762 x 176 x 215 mm				1016 x 205 x 215 mm							
WEIGHT		Net: 17kg ; Gross: 20 kg				Net: 25 kg ; Gross: 28 kg				25 kg				26 kg							
SYSTEM		Laser, Scanners, Power Source, Controls Electronics and Computer built into laser tube																			
VOLTAGE		AC 100~120V // AC 200~240V (50/60 Hz)																			
POWER CONSUMPTION		300 VA								600 VA											
OPTICS		From 40x40mm to 500x500mm												From 40x40mm to 800x800mm							
WD / FD	Marking Area	Spot Size (μm)	Power Density (W/mm ²)	Spot Size (μm)	Power Density (W/mm ²)	Spot Size (μm)	Power Density (W/mm ²)	Spot Size (μm)	Power Density (W/mm ²)	Spot Size (μm)	Power Density (W/mm ²)	Spot Size (μm)	Power Density (W/mm ²)	Spot Size (μm)	Power Density (W/mm ²)						
54 / 65	40 x 40	301	141	150	566	301	422	150	1688	175	1240	67	8624								
84 / 95	60 x 60	439	66	219	265	439	197	220	791	256	580	97	4037								
114 / 125	75 x 75	577	38	289	153	577	114	289	456	337	335	128	2332								
149 / 160	100 x 100 *Standard Lens	739	23	369	93	739	70	370	278	432	431	164	1423								
189 / 200	100 x 100	925	14	463	59	925	45	463	178	540	204	N/A	N/A								
229 / 240	150 x 150	1108	10	554	41	1108	31	555	123	648	91	246	632								
309 / 320	200 x 200	1477	6	739	23	1477	17	740	70	864	51	328	355								
399 / 410	250 x 250	1892	4	946	14	1892	11	949	42	1107	31	420	216								
SOFTWARE		ScanLinux V5.2.7 and later // Marca Software 5.6.9a and later																			
USER INTERFACE		MultiTouch Screen 10" // PC with Marca Software Lite or Marca Software Full Graphics																			
CONNECTIVITY		1x USB Port Type A for Files and Config Transferences // 1x Touch Screen Connector // 1x RJ-45 Ethernet Connector for TCP/IP Communication																			
SIGNALS CONTROL		Flexible Input/Output Connections: 12 Programmable Inputs // 4 Programmable Outputs																			
SAFETY		Automatic Electromechanical Shutter																			
PROTECTION		IP54 (IP65 Optional)																			
ACCESSORIES / OPTIONS		Diode Pointer Marking Area Indicator - Mounting Bracket - Photocell Kit - Encoder Kit - Beam Expander - Alarm Kit - Safety Protections																			
ENVIRONMENTAL CONDITIONS		15°C (59°F) to 40°C (104°F) external temperature // Humidity <95% without condensation // Vibrations Free Area																			



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WE CHANGED THE RULES, AGAIN

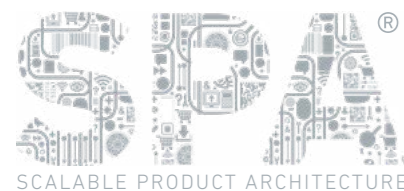


THE FIRST MODULAR LASER THAT GROWS WITH YOUR NEEDS



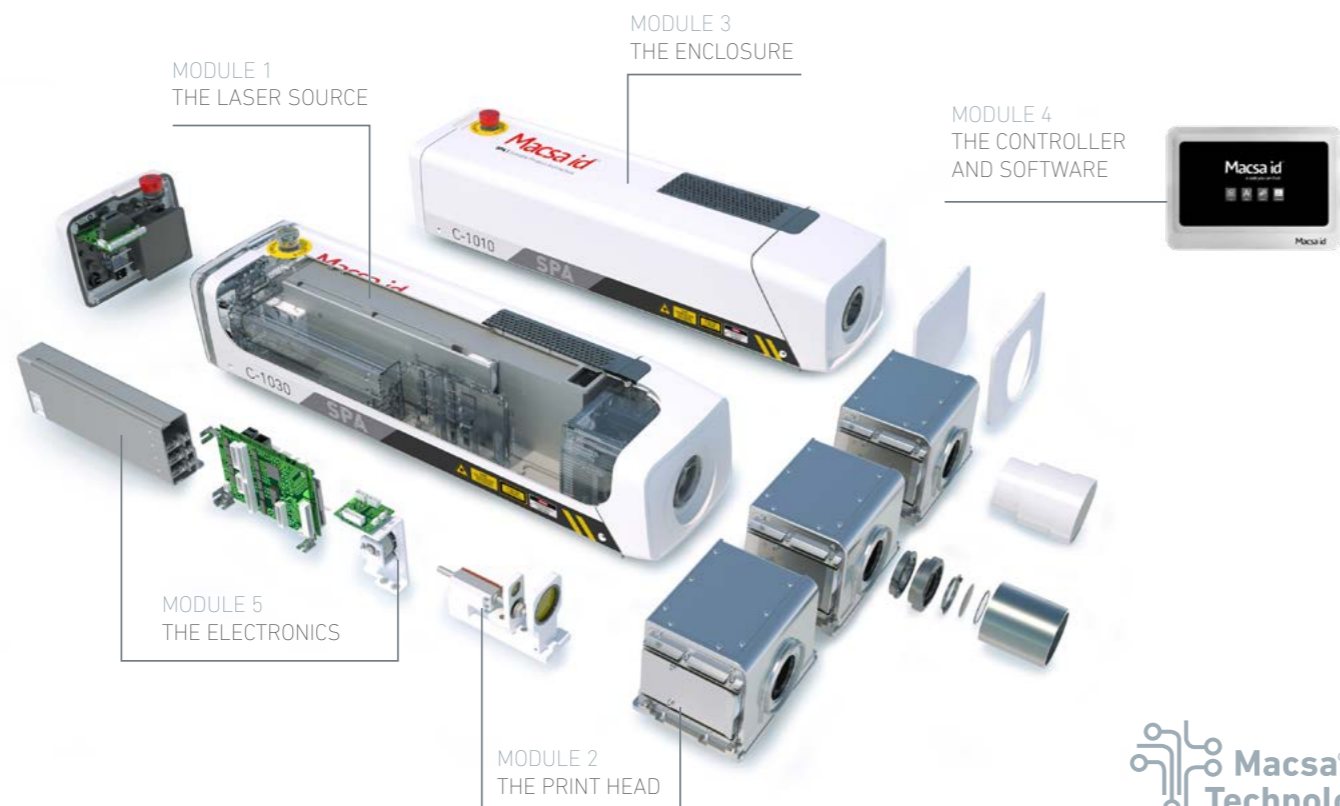
SPA by MACSA
 modular, better, complete





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.



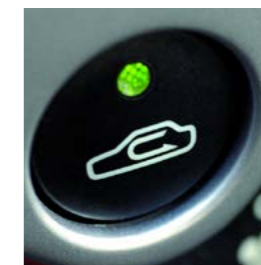
VERSATILITY

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 (**EEP®**) 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.