

aqg GAP NET tyl crystal diode libra uv sirio  
 femto custom industrial 3D  
 orion fiber laser head mirror venus dpss solutions  
 Halin lens lights

# GAP LASER SYSTEMS®

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 part of **HID**

Infrared Laser Series

## SIRIO

Pulsed Fiber Laser for Industrial Application

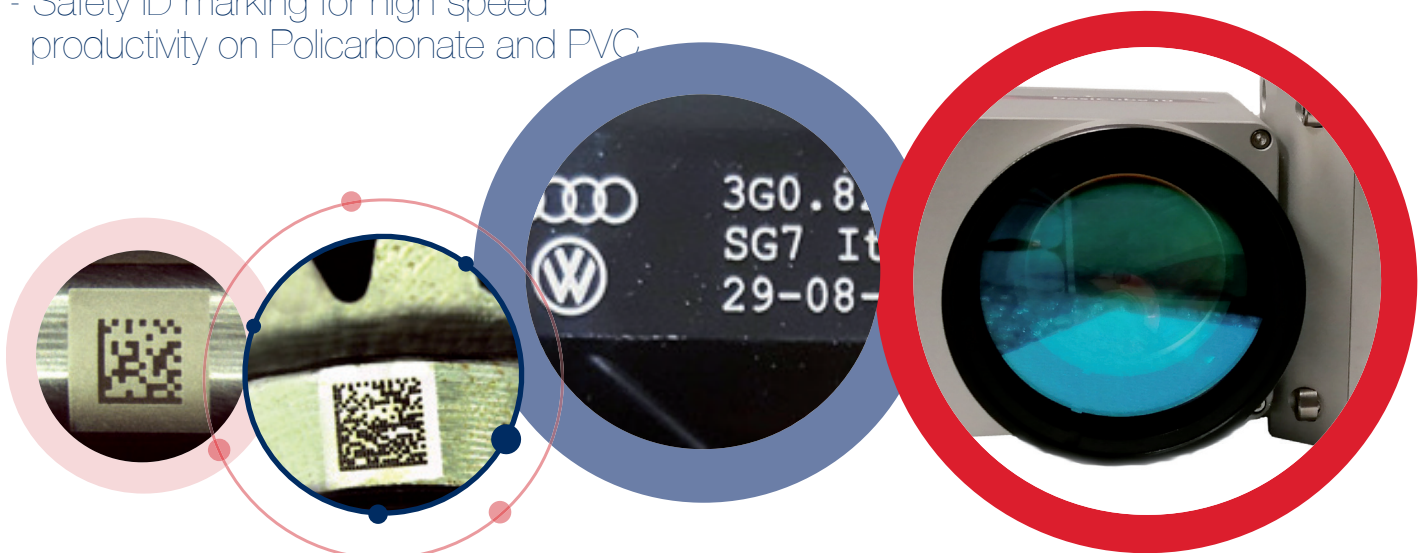


### Features

- High contrast marking in extended frequency range
- From 20W to 50W
- Excellent beam quality
- Profibus and embedded PC as option
- Air cooled
- Easy of integration (19 inches rack)

### Applications

- Marking and deep engraving
- High contrast on laser annealing
- Safety ID marking for high speed productivity on Polycarbonate and PVC



# Infrared Laser Series

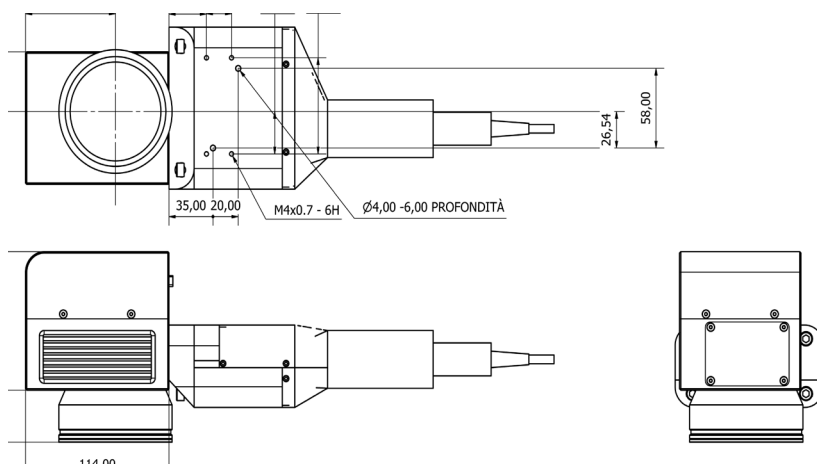
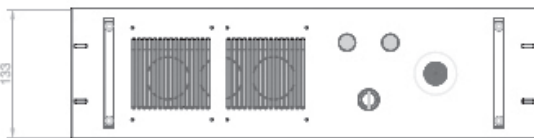
# SIRIO

## SIRIO 20

## SIRIO 30

Operational mode	Pulsed Fiber Laser	
Wavelength [nm]	1060 ~ 1085	
Nominal Power [W]	20	30
Beam quality (nominal) [M2]	<1.8	<1.8
Polarization	Random	
Pulse repetition rate [kHz]	20-80	30 - 80
Pulse energy [mJ]	1@20 KHz	1@30 KHz
Pulse width (@30kHz) [ns]	80-140	80-140
Peak power (nominal) [kW]	<120@20kHz	<130@30kHz
Power Supply [Vac; Hz]	90-240 ; 50/60	
Power consumption [W]	<800	<1000
Cooling system	Air	
Communication	RS232 (Ethernet available upon request)	
Compliance	2004/108/CE; 2006/95/CE; EN60950-1; EN 608225-1; EN 12626	

- Integrated embedded PC as option
- 3D System available upon request



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Specifications are subject to variations and updates without notice. Class 4 laser source. This OEM laser component is for sale solely to qualified manufacturers, who shall provide interlocks, indicators and other appropriate safety features, in full compliance with 21 CFR 1040 and/or other applicable national and local regulations.



**ixla srl: a certified and ISO 9001:2008 Company**