



GAP LASER SYSTEMS

custom industrial solutions
part of **HID**

FIR Laser Marking Source

LYBRA CO2

Laser Solutions for Industrial Application

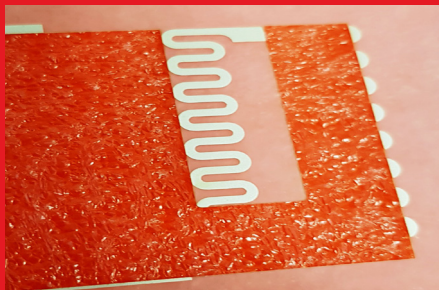


Features

- From 30W to 100W
- Suitable for marking and engraving on transparent, composite (glass, lexan, ...) and organic materials (wood, leather, ...)
- Air cooled
- 100 or 200 mm. focal lens available

Application

- Marking and engraving
- Drilling and cutting
- Material processing
- Heating
- Surface modification



FIR Laser Marking Source

LYBRA CO2

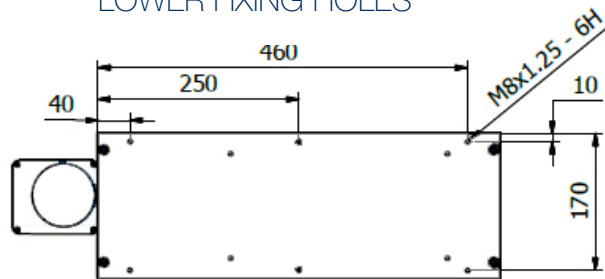
LYBRA

| | | |
|-------------------|------------------------|---|
| Source | | CO2 |
| Wavelength | [nm] | 10600 |
| Average Power | [W] | 30-40-60-100 |
| Beam quality | (mm.) 1/e ² | 2.1 |
| Rise Time | [μ sec.] | <75 |
| Pulse Duration | [μ sec.] | 10-200 |
| Duty cycle | | 0-100% |
| Polarization | | Random |
| Marking speed | [mm./sec.] | up to 7000 |
| Cooling | | Air |
| Power consumption | [W] | <850 |
| Communication (*) | | RS232 |
| Focal lens | | 100mm. (70x70mm.) - 200mm. (140x140mm.) |

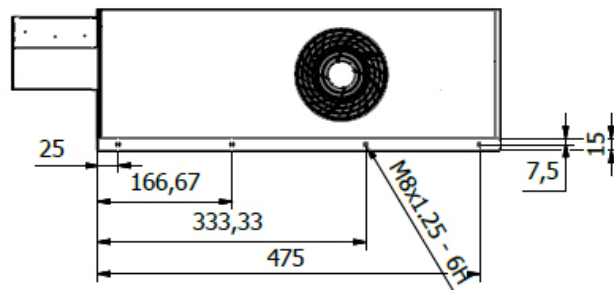
*Different Beam Diameter available upon request



LOWER FIXING HOLES



LATERAL FIXING HOLES



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.

ISO 9001
BUREAU VERITAS
Certification



GAP Laser Systems s.r.l.
A Certified and
ISO 9001:2008 Company

GAP LASER SYSTEMS
custom industrial solutions
part of **HID**

Via IV Novembre 116 - 21058 Solbiate Olona (VA) - Italy
Tel: +39 0331 072637 - Fax: +39 0331 072695
www.gaplaser.com - info@gaplaser.com

LIBRA CO2 LAYOUT