



FIR Laser Marking Source

LYBRA CO2

Laser Solutions for Industrial
Application

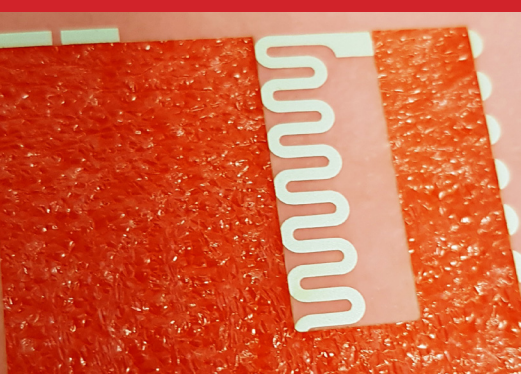


Features

- 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

Applications

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



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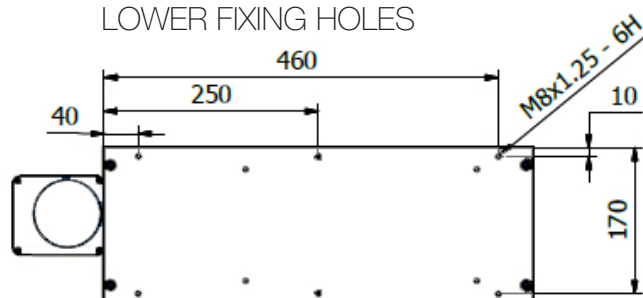
LYBRA

| | | |
|-------------------|------------------------|---|
| 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.) |

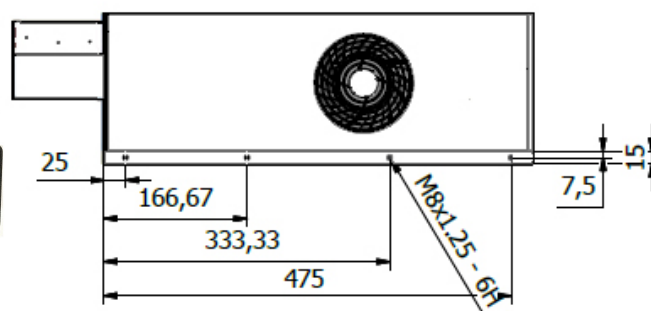
*Different Beam Diameter available upon request



LOWER FIXING HOLES



LATERAL FIXING HOLES



LYBRA CO2 Layout

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.



GAP Laser Systems s.r.l.
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