



Laser marking

# CCL m<sup>o</sup>dulo

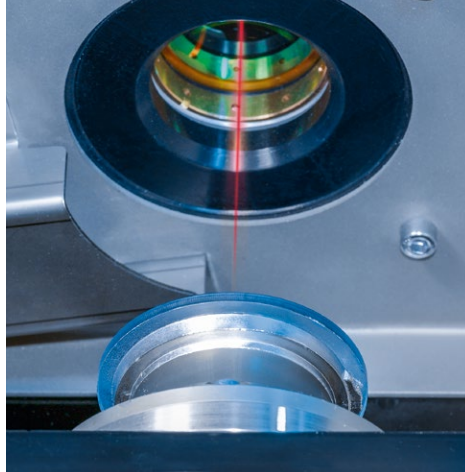
AUTOMATED LASER MARKING,  
INTELLIGENTLY COMBINED



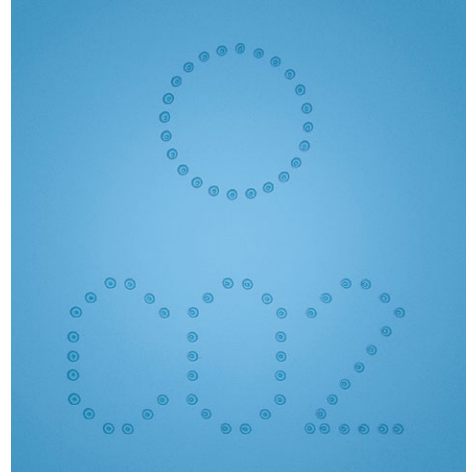
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The fast loading cycle ensures maximum productivity.



The robust and precise clamping system guarantees smallest tolerances after thousands of marking cycles.



Special laser marking algorithms result in fine and consistent patterns.

### Benefits

- Highly consistent, high-resolution markings
- High throughput
- Actively controlled laser stability
- Adjustable laser marking visibility
- No consumables
- Automated operation
- Minimum maintenance
- High safety standards



#### CO<sub>2</sub> Laser

Reliable, precise and industry-proven laser marking.



High-resolution marking for consistent patterns.



#### No Consumables

and operator intervention required.

## CCL modulo

With the CCL Modulo laser marking system, fine markings are accomplished with ease and precision.

Based on an industry-proven CO<sub>2</sub> laser, we refined the laser performance by implementing a proprietary actively controlled laser stabilization circuit. The result: you get consistent high-quality laser markings day after day and year after year without operator intervention.

The CCL Modulo has been designed for a wide range of marking requirements handling essentially all jobs in line. The robust design and implemented safety features exceed international safety regulations, reducing operator intervention to a minimum.

### technical data

lens material	CR39, Hi-index, Polycarbonate, Trivex®
marking field size	ø 65 mm
dot size	approx. 100 µm
accuracy	+/- 30 µm
clamping system	block ø 43 mm
power consumption	2 kVA avg.
air requirement	min. 6 bar (87 psi)
laser safety	laser class I
weight machine	approx. 420 kg (926 lb.)
dimensions without control panel (width x depth x height)	approx. 900 x 1320 x 1715 mm (36 x 52 x 68 inches)

All data subject to change without notice. Please verify details with SCHNEIDER.

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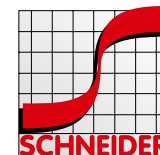
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