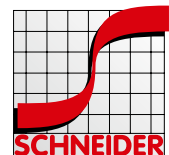


Modulo Line

Laser marking

CCL modulo

Automated laser marking, intelligently combined



Fascination for Innovation

CCL modulo

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

Based on an industry-proven CO₂ 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.

Benefits

- High-resolution marking
- Actively controlled laser stability
- Highest consistency of markings
- High throughput
- Adjustable laser marking visibility
- No consumables
- Automated operation
- Minimum maintenance
- High safety standards
- Supports the new cognitive Modulo machine philosophy

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.



Automation
The fast loading cycle of the automation ensures maximum productivity.

Robust precision clamping
A precision clamp guarantees smallest tolerances after thousands of marking cycles.

Precise marking patterns
Special laser marking algorithms result in fine and consistent patterns.

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