

The Linx SL501 high speed [laser marking](#) system is a high-powered scribing laser coding and marking system which delivers both print speed and high quality codes without compromise. Using steered beam laser technology and a high power 50W tube, the Linx SL501 brings exceptional quality coding and marking at extremely high speeds.

Across every kind of industry and every kind of production line, Co2 laser marking machines are already being used to code and mark every kind of surface - coding on anything from glass to plastic and even [marking coated metals](#).

Laser coding is one of the most reliable, versatile and cost-efficient marking methods available.

This makes laser marking machines ideal for high print volumes - such as food, drink and pharmaceutical products - where it creates easy traceability.

A concentrated beam of light is deflected by mirrors through a lens to form characters.

Laser coding and marking is achieved by removing material or a coating from the product or packaging, or by changing the surface of the substrate. In each case, the code is permanent.

On painted card, the top microns of paint are removed to reveal the contrasting bare card beneath. On plastic, the chemical nature is either changed by the laser to cause a colour change, or melted to leave a visible mark. When [glass marking](#), the laser code consists of micro cracks which create a clear, permanent code but which do not compromise the integrity of the packaging.

With accuracy guaranteed, laser coding gives you 24/7 operations without the need for manual intervention. And with a [Linx SL laser coder](#) you get a better return on your investment.

We work with you to configure your new laser marking machine for optimum power consumption and the most efficient use of the laser tube so it lasts longer. So, with less downtime and less maintenance, you'll benefit from lower costs for all your laser marking and coding requirements.

## **[Features](#)**

### **High Performance**

The Linx SL501 high speed laser coder is capable of speeds of over 700m/min and is therefore ideal for very high speed coding applications in the beverage, brewing and food industries, where it produces consistently high quality, permanent results. The Linx SL501 is equally at home coding hard to mark materials such as glass, rubber and plastics, and for both primary and secondary packaging marking.

This robust steered beam laser has an IP65 rating for reliable coding and marking in wet and/or dusty production environments, such as when glass marking or [food printing](#).

### **The perfect fit for your production line**

The Linx SL501's standalone mobile unit has an IP65 stainless steel enclosure, which allows for reliable coding and marking in wet and/or dusty production environments, such as beverage and food. The mobile unit allows for the laser to easily be moved between production lines, and the articulated arm ensures easy installation into tight spaces.

### **Full control at your fingertips**

The Linx SL501 high speed laser is programmed via a simple integrated keypad or remote panel interface. Complex codes and graphics can also be edited using the powerful LinxDraw PC software, and Ethernet control allows multiple machines to be controlled from a single workstation.

## **Technical Specs**

1. Maximum number of characters per second - 2000
2. Maximum line speed of 740m/min
3. Single long life laser tube for long term low cost of ownership
4. Multiple operating languages
5. Automated date and traceability coding capability
6. Large mark field option produces character heights from 1mm to 139mm
7. CO2 scribing laser coder
8. 50W average power (100W peak power) suitable for high speed coding applications and for coding on hard to mark materials
9. IP65 environmental rating for coding in demanding environments

### **Additional Info**

- Téléchargez brochure: [Product Brochure](#)
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