

Linx SL301

30W Scribing laser system



Do you have a high maintenance coding system that causes downtime and needs a lot of attention? Then maybe it's time for a change.

The Linx SL301 is a mid-powered 30W laser coder specially designed for ease of installation, use and maintenance. It can code a wide range of products at speeds of up to 300m/min in a variety of manufacturing industries.

The Linx SL301 has been developed to be:

- Simple to install
- Simple to operate
- Simple to maintain

What does this mean for you?

- Lower installation costs
- Less downtime and hassle
- Simple setups and everyday operations
- Reliable coding around the clock without the need for manual intervention
- High quality codes even at higher line speeds

Simple to install

- Broad range of head and lens configurations – for variable marking distances
- Short installation times
- Different head orientations – for simple integration into challenging production line set-ups

Simple to operate

- Operation via a remote hand-held control
- Code setups and changes at the touch of a button
- Intuitive user interface – no classroom training needed
- LinxDraw PC software enables more complex code creation – incl. graphics & 2D codes

Simple to maintain

- IP54/65 rating – Maximum reliability and uptime in challenging environments
- Long-life laser tube with large gas volume
- 24/7 operation without the need for manual intervention



Linx SL301

Dimensions (mm)

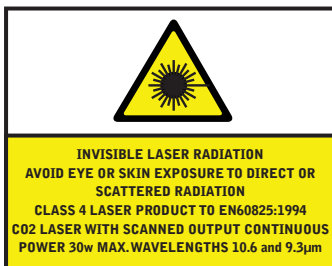
Marking Unit



Supply Unit



Hand-held Control Unit (HCU)



Performance

Line speed*	300 m/min
Standard model SL301	SHC60 Marking head, 64mm lens
Spot size/Mark field/Marking distance	0.37mm/44x44mm/67mm
Other lens and head options (range)	
• Spot size	0.11–1.65mm
• Mark field	29x36–295x407mm
• Marking distance	67–385mm
No. lines of text	Only limited by character size and mark field size
Character height	Up to mark field size
Print rotation	0–360°

General features

Set-up/user interface	Hand-held Control Unit (HCU)
PC software interface	LinxDraw (Windows XP, 2000)
Password protection	3 levels - Operator, Line supervisor, Service engineer
Memory storage (MMC)	256MB
Fixed line speed coding	✓
Variable line speed coding	✓
High-speed column printing	✓
System diagnostic and error log function	✓

Printing and programming facilities

Fonts	9 optimised vector fonts, can import OTF, TTF, PFA, PFB and SVG fonts
Last code used function	✓
Graphics editing and import	✓
Multiple font selection	Yes – character by character
Barcodes	BC 25, BC 25I, BC39, BC 39F, EAN 13, UPC, BC 128, EAN 128, UPC_A, RSS 14TR, RSS 14ST, RSSLIM, RSSEXP
Data matrix 2D codes	ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN
Languages	English, German, Dutch, Spanish, Portuguese, French, Italian

Physical characteristics

Material	Stainless steel covers, anodised aluminium chassis
Weight: Marking unit/supply unit	21.4kg/12kg
Conduit length	3m (standard), 5m (optional)
Head options	SHC60 (standard spot), SHC100 (small spot), SHC120 (micro spot)
Head mounting kits	BEU (Beam Extension Unit), BTU (Beam Turning Unit), straight shooter
Cooling IP54 standard	Air cooled
Cooling IP65 kit option	External air source
Supply voltage/frequency	Auto selection range 100 to 240V
Maximum power consumption	0.7kVA

Laser details

Laser type	Sealed RF excited CO ₂
Max. laser output power at lens	30W
Life (average)	40,000hrs
Wave-length	10.6µm or 9.3µm
Variable frequency range	3 to 25Khz
Laser tube warranty	2 years

Environmental details

Ambient operating temperature	5 to 40°C (70% duty cycle at maximum temperature)
Automatic overheat detection	Yes
Storage temperature	-10 to 70°C
Humidity range	10-90% (relative, non condensing)

Interfacing

Interface ports	Sensor, Encoder, Ethernet, User I/O's
Optional interfaces	Serial port
PC interface	Via Ethernet port

Regulatory approvals

CE mark	✓
---------	---

*1 line of 10 characters – Blue Card

Key ✓ standard

www.linxglobal.com



THINKING ALONG YOUR LINES

For more information, contact Linx Printing Technologies Ltd, Burrel Road, St Ives, Cambridgeshire PE27 3LA, UK. Telephone +44 (0)1480 302100 Fax +44 (0)1480 302116 email sales@linx.co.uk www.linxglobal.com

Linx is a registered trademark of Linx Printing Technologies Ltd.
© Linx Printing Technologies Ltd 2007.
Windows, Windows 2000, Windows XP and Windows NT4 are trademarks of the Microsoft Corporation.