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**

**Performance**
- Line speed*: 300 m/min
- Standard model SL301 SHC60 Marking head, 64mm lens
- 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
- 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
- Conduct 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 CO₂
- 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: ✓

For more information, contact Linx Printing Technologies Ltd, Burrell 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.
Windows, Windows 2000, Windows XP and Windows NT4 are trademarks of the Microsoft Corporation.