

LINX TJ20 PRINTER



Simple. Affordable. Reliable.

Designed for single shift production, the Linx TJ20 is a unique, affordable thermal ink jet printer which prints multiple lines of text and graphics onto a wide range of packaging materials.

Its economical design reduces installation and running costs, and its robust construction provides you with long-lasting reliability and consistent performance.

Easy to operate with minimal manual intervention, the Linx TJ20 provides hassle-free operation and prints clear and durable codes.



Simple

- ✓ **Simple installation**
Small and compact printer, easy to set up on your line using a single bracket and built-in product detector
- ✓ **Quick and easy starts**
Start printing quickly with easy-to-use message creation software, and fast operation using a simple push-button panel
- ✓ **Hassle-free cartridge technology**
Easy to switch cartridge, no ink refills or service required



Affordable

- ✓ **Low initial cost**
The Linx TJ20 is purpose designed to provide a simple and affordable printing solution, without the cost of a “one size fits all” printer
- ✓ **Low installation cost**
Place the Linx TJ20 on any level surface or fix directly to your conveyor, ideal where space is limited
- ✓ **Low running costs**
No maintenance costs and a low cost per print for small or medium production volumes

New printhead and ink system every time you change the cartridge



Reliable

- ✓ **Continual reliable performance**
Proven technology components provide optimum performance for the lifetime of the product
- ✓ **No maintenance and no wear parts**
Increasing production time and reducing operating costs while delivering consistent print quality
- ✓ **Long-lasting printed messages**
On a wide range of materials and surfaces with a range of fast drying inks with excellent adhesion

LINX

Linx TJ20

HP PRINTHEAD
SIDE ELEVATION



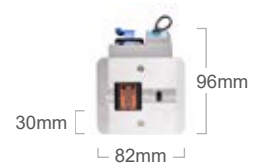
HP PRINTHEAD
FRONT ELEVATION



LX PRINTHEAD
SIDE ELEVATION



LX PRINTHEAD FRONT
ELEVATION



Technical Specifications

PERFORMANCE

Printhead: Single LX cartridge with intelligent cartridge care and sensing. 2 columns of twin nozzles for high product availability

OR

Printhead: Single HP cartridge with intelligent cartridge care and sensing. 2 columns of nozzles for minimum ink usage

High quality aluminium housing

Printing orientation: sideways and downwards

Maximum vertical print resolution: 300DPI

Horizontal print resolution: 50 - 900 DPI

Maximum print speed: 30m/min @ 300dpi

Maximum print height: 12.7mm, 0.5inch

Maximum Ink throw distance: HP 4mm, LX 4mm for solvent based ink cartridge, 10mm for water based (pigmented or dye based) ink cartridges

Maximum message length: 1m

Up to 9 messages are selectable via the printer directly, using the pushbuttons

Built-in photo cell for automatic print triggering

3-button operation with LED indicators

PRINTING AND PROGRAMMING FACILITIES

Transfer of messages to printer via USB stick or Ethernet

Message types: Text, Time, Date, Logo

Linx iDesign PC software to create messages for a USB stick, or connect to your printer via Ethernet to administer and control your printer remotely from a PC. Includes ink consumption calculator.

INK RANGE

Linx LX cartridges for porous, semi-porous and non porous surfaces

OR

Linx HP cartridges for porous, semi-porous and non porous surfaces

CONNECTIONS/INTERFACING

USB socket

Ethernet

Sub-D 15 Pin

INSTALLATION AND OPTIONAL ACCESSORIES

Accessory pack - Includes: USB-Stick with Linx iDesign, Power Supply 24V / 30W / 15pin, Side mounting bracket, Ethernet cable 3m

Optional downwards print bracket

Optional HMI interface to see messages and adjust printer parameters close to the printer

Power Supply 24V / 30W / 15pin

Alarm Beacon

Cartridge follower, to adjust for changes in packaging size

External Photocell

Shaft Encoder

Connection cables

PHYSICAL CHARACTERISTICS

Weight: 570 g

Length: 119mm / 118mm

Width: 75mm / 82mm

Height: 96mm / 96mm

Temperature range: 5 to 40°C*

Relative humidity, maximum (non-condensing): 10 to 90 %

Maximum operating time: the device is designed for continuous operating

External AC/DC Power supply: Input 100-240V AC, 50-60Hz; Output 24Vdc @2.5A

Power rating: 10W (typical) 30W (max)

REGULATORY APPROVALS

• CE • RoHS • FCC

LANGUAGES

English, French, Portuguese, Spanish, Finnish, Italian, Turkish, German

*Operating temperature and humidity range are ink cartridge type dependent



Optional HMI interface



iDesign software