CLNX Thermal Printer Features

The new CLNX Series printers offer a vast array of standard features that are unequalled by its competition. Printer setups, operation and maintenance are supremely easy and intuitive.

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Easy Setup and Maintenance

➡ **60° Wide Print Head Opening** – Best in class head opening of 60° will allow easier access and faster maintenance. This translates into reduced down time and easy access to media sensor and other components.

➡ **Easy Setup** – User friendly icon & multi-national languages are supported and shown on a Full Color Display. Operation settings can be secured using the password protection feature and with its easily accessible Power-On button, operation response actions and setups can be performed from the front panel LCD of the printer.

➡ **Redesigned Head Unit Mechanism**

- **New Synchronized Ribbon and Platen Roller**
- **New Head Pressure Adjusters**
- **New Head Right-Left Balance Screw** – A balance screw offers additional adjustment for head pressure when printing on specialty media if required.

Durable Design

➡ **Cast Aluminum** – Built strong to withstand the demands of industrial printing applications and environments.
➡ **Ribbon Take Up** – Newly designed ribbon system supports the use of ribbon lengths up to 600m and significantly improves the take up of spent ribbon in thermal transfer printing applications.
➡ **Tool-less Replacement of Parts** – Offers quick replacement of both the print head and platen roller without the need for tools, reducing maintenance and operational downtime.

Emulation Support

➡ **Standard Emulations On-board** – Auto Detection of competitive print languages using SATO's SBPL®, SZPL®, STCL®, SDPL® and SIPL® emulations. Auto Detect function allow users to plug and play operation when switching from SATO legacy models or another brand of printer.
➡ **USB Port** – Offers a convenient method of downloading additional or special fonts, firmware, emulations or copying new printer settings using a USB memory stick.

User-Friendly Operation

➡ **Large LED Indicator** – Normal operation has the LED illuminated in blue and will change to red should an error in the operation be detected, making it clearly visible to any operator the printer's status and when attention is required.

➡ **3.5" Full Color LCD** – Clear and crisp images provide quality and real time messaging on the printer's status. The LCD screen is large enough for the operator to observe error messages and select video guidance. 30 languages can be displayed and switching between screen settings is simple.
➡ **Intuitive Key Design** – Universal icons for easy to understand key operation. Two soft keys display information relevant to onscreen content/operation making navigation and selection easier than ever before.

Multiple On-board Interfaces-standard

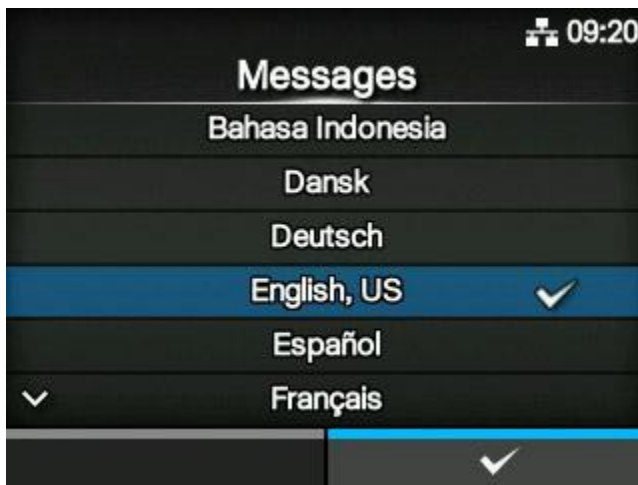➡️ **Interface Connectivity**

Standard Interfaces:	LAN, USB (type A & B), Parallel, Serial, External I/O, Bluetooth
Optional Interface:	WLAN（802.11 a/b/g/n) 2.45GHz, 5.0GHz Support

Multi-National Language Support

➡️ **30 Display and 47 Print Languages** – With its integrated and highly efficient font engine, all major world languages are available through the display menu and will instantaneously change after making your language selection without additional font downloading.

➡️ **Global Support and A Single Configuration** – Having multi-lingual capabilities the CLNX can open new labeling opportunities by easily switching between languages allowing you to support installations and applications around the globe.

Superior Print Accuracy and Quality

➡️ **Print Accuracy** – Precise print registration, for applications requiring tight imaging tolerances.

➡️ **Improved Darkness Range** – Provides superior image quality on a myriad of different substrates.

➡️ **Label Tension Dampener System (LTDS)** – LTDS contributes to a controlled back-feed tension for demand label applications, providing a proper and consistent label track.

➡️ **High Energy Mode** – New energy setting allows printing in most any environment and surrounding temperature at higher print speeds with qualified media.
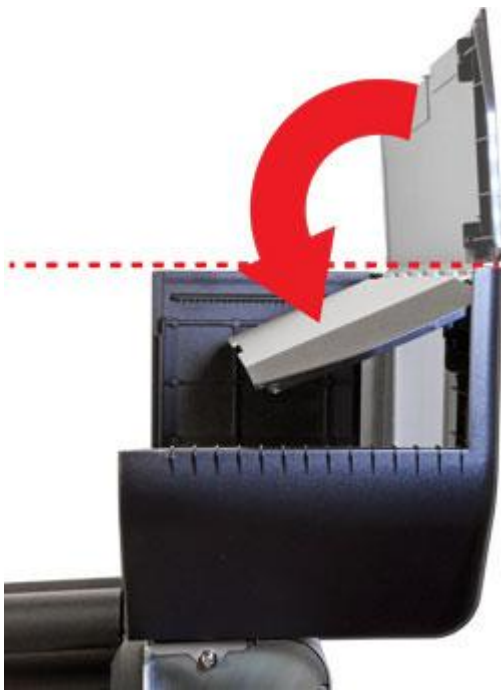
High Speed Processing and Throughput

➡️ **High Speed Response** – Dual CPU architecture offers overwhelming processing speed resulting in fastest first label out.
➡️ **Industry Leading Throughput** – 100MB of user accessible memory allows for storage of formats, large graphics, custom fonts and other downloads allowing for faster throughput.

Space Saving Design

➡️ **Bi-Fold Side Cover** – Reduces the overall area required for printer operation by 54% as compared to competitive models. This feature will allow the CLNX to be placed closer to objects in above table applications and higher to operator level in under table applications.

Supports a Variety of Media Types

➡️ **Media Matching**
➡️ **High Energy Mode**
➡️ **600m Ribbon and 10-Inch OD Roll saves labor up to 41%**