

CL612

305 DPI Industrial Wide Web Printer

- 305 dpi Print Head
- High Throughput - 8" Per Second
- For Labels & Tags Up To 7" Wide
- 6.5" Print Wide Print Area
- High Speed 32-Bit RISC Processor
- Intelligent Print Head Control
- 16 Bar Code Symbologies
- 12 Proportional & Mono- Spaced Text Fonts
- 10 Scalable Vector fonts
- Heavy Duty Industrial Design
- User Replaceable Print Head
- Auto Switching Parallel & Serial Interface



Print wide labels at high resolution and high speed with the CL612 industrial thermal transfer printer. The CL612 prints a full 6.5" wide image at 305 dots per inch on labels up to 7" wide and at speeds to 8" per second. Print large format compliance labels, even those with high density bar codes, without rotating the images or slowing down the printer. 16 bar code symbologies and 22 text fonts are built into meet the requirements of a wide range of label printing applications

The CL612 prints labels from as small as 0.78" tall and 1.96" wide to as large as 7" wide by 14" long. Up to 50" long with an optional PCMCIA memory card. For even greater throughput, use the CL612 to print small labels arranged as 2, 3, 4 or more across the web.

A 32-bit high speed RISC processor is at the heart of every CL612. It also incorporates the exclusive SATO print head control circuit. This feature constantly monitors print head conditions and automatically adjusts print energy for optimum and consistent print quality.

While the CL612 is a compact unit requiring minimal desktop space, it is designed for use in heavy duty industrial applications. It is built on a rigid chassis that is housed in a durable steel case to ensure consistent print quality and to protect it from the harsh environments found in manufacturing and warehouse facilities. This swing-open case and an unobstructed paper path make it fast and easy to load labels and ribbon. And it accommodates a full 8" roll of labels, keeping them clean too! To keep maintenance costs low, the CL612's print head is user replaceable. No complicated adjustments or special tools are required. The CL612's operator control panel includes a two-line LCD panel for convenience. Configuring the CL612 is fast and simple thanks to a full array of secondary controls.

Serial and parallel interfaces are standard in the CL612. Circuitry within the printer automatically switches to the one receiving data; no user configuration settings or host commands are necessary to select an interface. The CL612 includes a separate connector for attaching external accessories or for synchronization with other labeling equipment.

CL612 Specifications

Printing Method:

Thermal Transfer/Direct Thermal

Printing Speed:

Up to 8" (200 mm) per second

Print Resolution:

305 dpi (12 dots/mm)

Print Area:

6.5" (164 mm) W x 14" (356 mm) L, 27.7" L (704 mm) with 2Mb PCMCIA memory card

Bar Code Symbologies:

UPC-A/E, EAN, Code 39, Code 93, Code 128, I 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, MSI, Bookland, POSTNET, UCC/EAN 128, PDF417, Maxicode, Data Matrix

Bar Code Ratio:

2:1, 3:1, 5:2 or individually adjustable bar widths

Bar Code Height:

Programmable

Human Readable Fonts:

12 proportional and mono-spaced fonts including OCR-A and OCR-B representations and an outline font. American and European characters, uppercase and lower case with descenders (code table 850).

Flexibility:

Rotation of bar codes and text in four 90° steps; character expansion horizontally and vertically in 12 steps; RAM storage for special characters, dot-addressable graphics; sequential numbering. Form overlay for high speed editing of complex formats

Graphic Support:

SATO Hex/binary and PCX formats

Media:

Roll or fan-fold die cut labels, plain paper face stock, SATO standard or equivalent. Tag Stock, SATO standard or equivalent with punched feed slot for "see through" sensing or sense mark for reflective sensing.

Maximum caliper: 0.01" (0.25 mm)

Maximum roll diameter: 8.6" (218 mm)

Roll core diameter: 1.5" (38 mm) or 3" (76 mm)

Sensing:

Fixed position photo sensor for die cut labels and tags. Reflective sensor for use with preprinted sensing marks. Automatic, programmable setting of top of form.

Media Size:

Minimum: 1.96" (50 mm) W x 0.78" (20 mm) L

Maximum: 7.0" (178 mm) W x 14" (356 mm) L. Up to 27.7" L (704 mm) with additional PCMCIA memory.

Ribbon:

Up to 6.5" (165 mm) W x 1345' (410 m) L, wound Face-in

Interfaces:

Centronics Parallel and RS-232C (2400 - 19,200 BPS, Ready/Busy and X-On/X-Off)

External Connectors:

Parallel: 36-pin Amp

Serial: DB-25F

Ext. (Accessory): 14-pin Amp

Data Transmission:

ASCII

Print Control:

User programmable via data stream.

Switches & Displays:

Switches: LINE, FEED

Display: 2-line LCD

LED indicator: ON LINE (Green), ERROR (Red)

Configuration: 2x8 DIP Switches, 3 Controls

Backfeed:

Adjustable

Dimensions: (overall)

13.8" (352 mm) W x 16.9" (430 mm) D x 11.7" (298 mm) H

Weight:

41.9 Lbs. (19 Kg)

AC Power:

110V (+/-10%), 220V (+/-10%) 50/60 Hz (+/-1%)

Idling: 50W

Operating: 210W

Environment:

Operating: 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing

Storage: 0° to 104°F (-20° to 40°C), 90% RH maximum, non-condensing

ESD Immunity: 8Kv

Approvals:

FCC Class A, U/L, TUV, CE

Options:

Label Cutter

Label dispenser

Rewinder
PCMCIA Add-On Memory
Real Time Clock
Twinax/Coax I/F

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