CL608
High Speed Industrial Wide Web Printer

- High Throughput - 8" Per Second
- For Labels & Tags Up To 7" Wide
- 6" Print Wide Print Area
- 203 dpi Print Head
- 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

Create and print labels up to a full 6" wide (7" overall width) at speeds of up to 8" per second with the CL608 wide web industrial printer! The CL608's 203 dpi, 6" wide print head makes it possible to print large format compliance labels at top speed without rotating the images. With its 16 built-in symbologies and 22 text fonts, the CL608 is the perfect way to print labels for a wide variety of applications.

Labels from as small as 0.78" tall and 1.96" wide to as large as 7" wide by 14" long may be printed with the CL608. Up to 50" long with an optional PCMCIA memory card.

For maximum throughput, a 32-bit high speed RISC processor is at the heart of every CL608. Also built into every CL608 is the exclusive SATO print head control feature. This feature constantly monitors print head conditions and automatically adjusts print energy for optimum and consistent print quality.

Designed for heavy duty applications, this compact printer is simple to operate. Only two push button switches are needed control the CL608. Five LED indicators keep the operator informed of machine status. Configuring the CL608 is fast and simple thanks to a full array of secondary controls. The printer's rugged steel case accommodates a full 8" roll of labels, protecting them from the harsh environments found in manufacturing and warehouse facilities. Label and ribbon loading is fast and easy via the printer's easy-open case and unobstructed paper path.

The CL608 maintains the SATO tradition of incorporating a user replaceable print head for the lowest maintenance costs. No complicated adjustments or special tools are required.

For convenient communication with the host, both RS-232 serial and Centronics parallel interfaces are built into every CL608. The CL608 constantly monitors BOTH interfaces, automatically switching to the one receiving data; no user or host commands are necessary to select an interface. An additional connector is provided for attaching a variety of external accessories or for synchronization with other labeling equipment.

CL608 Specifications

Printing Method:

Thermal Transfer/Direct Thermal

Printing Speed:
Up to 8" (200 mm) per second

Print Resolution:
203 dpi (8 dots/mm)

Print Area:
6.0" (152 mm) W x 14" (356 mm) L, 49.2" (1249 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" or 3" (38 mm or 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 (50 mm W x 20 mm L)
Maximum: 7.0" (178 mm) W x 14" (356 mm) L. Up to 49.2" L (1249 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
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

SATO America, Inc.
545 Weddell Drive
Sunnyvale, CA 94089
USA
Phone: (408) 745-1300
Fax: (408) 745-1309
E-mail: satosales@satoamerica.com

Return to Datasheets | Return to Products