

XL400/410

TAG & LABEL PRINTER



SATO QUALITY & PERFORMANCE The XL400/410 includes heavy duty print mechanism and cutter assembly to ensure SATO's tradition of rugged durability. Its industrial chassis and 32-bit RISC high performance processor tackles even the most demanding print jobs with ease and reliable consistency.

PRINthead SATO's exclusive printhead control feature constantly monitors and automatically adjusts the printhead for optimum and consistent print quality.

MAINTENANCE Maintenance is performed easily and quickly by the user, whether it involves adjusting or replacing the printhead, or removing the complete cutter assembly.

OPERATION Tags and labels automatically load with just the touch of a single button. Sensors for holes and reflective marks automatically calibrate themselves, ensuring proper print registration.

PANEL The ergonomic panel has two adjustable positions for optimum ease in operation. The panel's LCD readout also displays a running total of the day's work as well as the remaining quantity of the current job.

AUTO-SWITCH PORTS The XL400/410 automatically detects and switches between RS-232 serial and Centronics parallel ports, allowing flexible connectivity to host systems.

***RELIABLE**

Heavy Duty Industrial Construction

***EASY TO USE**

Simple Set Up And Operation

***HIGH SPEED PRODUCTION**

Cuts And Stacks Up To 360 Tags Per Minute

***FAST THROUGHPUT**

32-Bit RISC Processor Prints Up to 8"/Sec



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SPECIFICATIONS

Printing Method	Thermal Transfer or Direct Thermal User Selectable	Interfaces	Parallel: Centronics, 36-Pin Amp Serial: RS232C to 19.2 bps, DB-25 Ready/Busy or X-On/X-Off
Printing Speed	XL400: Up to 8"/sec (200mm/sec) XL410: Up to 6"/sec (150mm/sec)	Accessory Port	Print Control, 14-pin Amp
Resolution	XL400: 203 dpi (8 dpmm) XL410: 305 dpi (12 dpmm)	Operator Panel	Display: 2 line x 16 character LCD LED: On-Line Cutter Error
Print Area	Max: 4.0"W x 9.4"L 102mm W x 240mm L Min: 1.3"W x 0.75" L (label) 32mm W x 19mm L 1.3"W x 1.0" L (tag) 32mm W x 25mm L	Switches:	Start/Stop Feed Cutter Eject Media 3 x 8 DIP Switch
Bar Codes	UPC-A/E EAN 13/8 Code 39 Interleaved 2 of 5 Codabar UCC/EAN 128 PDF417 Maxicode Data Matrix Ratio: 2:1, 3:1, 5:2 Adjustable bar widths Height: Programmable	Batch Separator	Mark or Cut
Human Readable Fonts	12 Proportional and Mono spaced OCR-A, OCR-B Vector Care Symbol Font	Physical	19.6" W x 11.8" D x 11.5" H 302mm W x 552mm D x 294mm H Weight: 30.8 lb. (14 Kg)
Character Expansion	Up to 12 times vertical and horizontal, independently adjustable	Environment	Operating: 41 ^o to 104 ^o F 5 ^o to 40 ^o F Storage: 0 ^o to 104 ^o F -20 ^o to 40 ^o C RH: 90% ESD: 8KV
Print Orientation	0°, 90°, 180°, 270° for text and bar codes	Power	110VAC, +/- 10%, 50/60 Hz 220VAC, +/- 10%, 50/60 Hz 300 Watts
Graphics	SATO Hex/Binary PCX Format		
Media	Type: Fan-fold or Roll Roll O.D., 9.8" (249mm) Core I.D., 4" (102mm) Optional Core, 3" (76mm) Caliper: 0.012" (0.3mm) max Max Stack: 3.9" W x 5.9" L 100mm x 240mm Max Width: 4.125" (105mm)		
Ribbon	Width: Up to 4" (102mm) Length: 1476 feet (450M) Wind: Ink-In		
Media Sensing	Center Hole Tag Side Hole Tag R Corner Tag (Side Notch) I-Mark Tag Label Gap Label I-Mark		



Integrated Stacker

The Integrated Stacker Option can stack up to 535 tags at maximum print speed. It obtains power and is controlled through the External Accessory port on the XL printer.



Memory Expansion

The XL memory can be expanded using the PCMCIA Memory Card option. Up to two 2MB PCMCIA memory cards can be used for storing fonts, form overlays and graphic images.



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