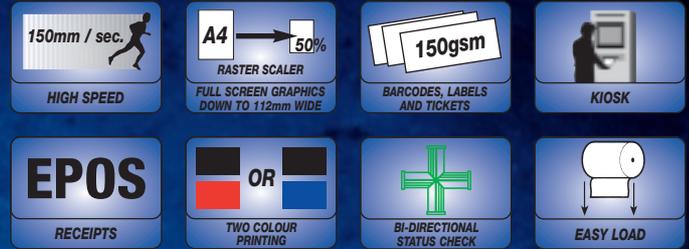


High Speed, Wide, Barcode, Label, Receipt, & Ticket Printer



TSP800 Series



The Specialist Series

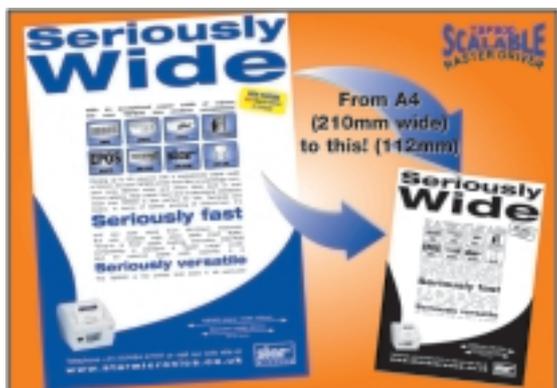
POINT OF SALE PRINTERS
MEETING THE MARKET'S NEEDS



TSP800 Series

This revolutionary wide-format POS printer now fills a number of applications where no POS printer was able to. From compact Internet printing to A4 reduced kiosk printing, as well as produce wide high quality POS receipts with fast logo and two colour output.

- ✦ **VERSATILE 150 mm/sec. BARCODE, LABEL, RECEIPT & TICKET PRINTER WITH AUTOCUTTER**
- ✦ **UNIQUE 104 mm/4" PRINT WIDTH - 112 mm/4.5" PAPER WIDTH USING PAPER STOCK UP TO 150GSM. (ACTUAL PRINTER WIDTH 180mm!)**
- ✦ **INTERNAL OR EXTERNAL PAPER FEED (EXTERNAL FOR LARGE CAPACITY OR SECURITY APPLICATIONS)**
- ✦ **COMPACT FOOTPRINT (180mm (W) X 213 (D) X 148 (H) mm) WITH VERTICAL "DESK BOOT" & WALL MOUNT OPTIONS**
- ✦ **ESC/POS™ COMPATIBLE IN STANDARD AND "SUPER LARGE" MODE.**
- ✦ **NEW STAR MODE COMBINING "LINE & PAGE" MODE WITH SELECTABLE MULTIPLE OVERLAY FORMATS FOR TICKETS, LABELS OR COUPONS**



The new Scalable Raster Driver provides the ability to format a page or screen image in the same way as a standard PC printer and then print that image on 112mm wide paper up to 0.15mm thick.

All this at up to 150mm/sec and without the need for more software!

IDEAL APPLICATIONS INCLUDE:

- Internet Printer
- Kiosk Printing
- All Hotel Receipting
- High Quality Retail POS
- Delivery Notes



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TSP800 PRINTER SPECIFICATIONS

Printer Method	Direct Linear Thermal
Print Speed	Max. 150 mm per sec. / 35 lps @ 6 lpi (47 lps @ 8lpi)
Paper Feed Speed	150 mm per sec.
Number of Columns	112 mm with A4 reduction capability
Resolution	203 dpi (8 dots per mm)
Character Matrix	ANK. 12 x 24. IBM Graphic 12 x 32
Character Set	ANK 95, 32 Int 128 Graphic
Print Width	104 mm / 832 dots
Code Pages / Character Table	37 Code pages, Katakana, IBM
Barcodes	9 (optional PDF-417 to follow)
Line Spacing	3 mm or 4 mm (programmable)
Flash ROM / SRAM	2 x 8 Mb plus 2 x 1 Mb Static RAM
Paper Specifications	
Width	112 mm
Roll Diameter	100 mm
Thickness	0.065 ~ 0.15 mm 63 ~ 150 gsm
Loading	"Drop-In & Print"
Printer Reliability	37 Million Lines (CRT MCBF), 12.5 Million Lines Traditional
Print Head	100 Km
Cutter	65 ~ 75 µm. 1 Million Cuts 75 ~ 100 µm. 0.6 Million Cuts 100 ~ 130 µm. 0.3 Million Cuts 130 ~ 150 µm. 0.15 Million Cuts
Emulation	Star Mode, DP8340 Mode & ESC/POS™
Interface	Serial RS232C + Parallel, (USB & 9-pin RS232C interface options to follow)
Data Buffer	4Kb / 8Kb / 1 Line Selectable
Peripheral Drive	2 Drivers + Compulsion Sensor
Safety Standards	UL, C-UL, TÜV.
EMI	FCC, VCCI, EN55022, CE marking
Drivers Available	Windows 95 / 98 / NT4™ / OPOS™ JAVA-POST™ Linux CUPS Support™, Scalable Raster Driver
Operating Conditions	
Temperature	5 ~ 45°C
Humidity	10% ~ 90% RH (Non Condensation)
Storage Conditions	
Temperature	-20°C ~ +60°C
Humidity	10% ~ 90% RH (Non Condensation)
Power Supply Requirements	24V DC +/- 10% External PS60-24A
Power Consumption	Ave. 1.8A Printing, Ave. 0.1A Standby
Options	24V DC Power Supply, Wall Mount Bracket Desk Boot for Compact Vertical Desk Stand User Installable Paper Guides (for 82.5 & 80mm Paper, Ticket Stock or Labels), USB or 9-pin RS232C Interfaces
Additional Features	White or Charcoal Case, Logo Store, Rear Paper Path, Near End Paper Sensor, Black Mark Sensor, Full and Partial Cut
Overall Dimensions	180 mm (W) x 213 mm (D) x 148 mm (H)
Weight	1.7 Kg (without paper)

Note: all specifications are subject to change without notice.

3/01



Shelf Edge Labelling



External Paper Feed Path



Paper Handling



Wall Mount Option