

The TSP1000 is a specialist POS solution that offers truly amazing value for money without any compromise in reliability, performance or quality.

- High-speed output – up to 180mm/sec.
- “Drop-In & Print”, easy-load
- Large paper roll capacity (up to 180mm diameter)
- Ticket Stacker fitted as standard (up to 30 tickets) with fitted sensor
- Guillotine cutter
- Multiple paper width (45 – 82.5mm adjustable)
- Two colour output available – Red / Black or Blue / Black (special paper required)
- Variable position high quality black mark sensor
- Three colour versions – Cherry red & Star white, charcoal grey or Star white
- TSP1045 Lottery version available with 82.5mm paper width default

TSP1043 SERIES SPECIFICATIONS	
Printer Method	Direct Thermal Line Printing
Print Speed	Up to 180mm/sec. with high-speed throughput
Print Resolution	203 x 203dpi (8 dot/mm)
Emulations	Star Line and Page Mode, ESC/POS™
Paper:	
Width	45 – 82.5mm (variable with 80mm default)
Thickness	65 – 150µm
Outer Diameter	180mm (dependant on paper weight)
Printable Area:	
Width	max. 80mm
Left / Right Margin	0 mm (left or right), 1st column print
Paper Loading	Drop-In & Print, Easy Load
Ticket Stacker	30 receipts / tickets maximum with ticket sensor
Ticket length	50 – 300mm
Cutter	
Life	1 million cuts (65 – 100µm)
Position	Approx. 11mm distance between cutter & top of form
Interface	
Options	Ethernet, WiFi (2005 to be confirmed)
Power Supply	Star PS60L
Mechanism Life	60 million lines
Overall Dimensions	161mm (W) x 306.5mm (D) x 249mm (H)
Weight	Approx. 3.0kg

All specifications are subject to change without notice.

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Compact Footprint

161mm (W) x 306.5mm (D) x 249mm (H)
(not including paper stop)



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Versatile New Low Cost Printer with Receipt/Ticket Stacker
THE TSP1000 SERIES



POINT-OF-SALE • TICKETING • RETAIL • HOSPITALITY • LOTTERY

The new Hi-speed, feature-rich TSP1000 is our latest specialist POS solution. Capable of printing up to a metre of printed tickets in just 5 seconds, it's the ideal solution for all high capacity ticketing applications such as theatres, airports, kitchens and warehouses.

Product Versions

The TSP1000 not only comes in 3 different colours, but also in three different interface versions with serial, parallel or USB interfaces. Non interface



versions are also available to incorporate the Star Ethernet interface option or the new Star WiFi option due to arrive in 2005.



Star Security



Many ticketing applications obviously require a level of security to prevent theft (such as valuable cinema, theatre or concert tickets) or actual breaches of security with false or stolen boarding cards at airports. That's why we've fitted the TSP1000 with a security device that allows you to lock the unit

to make it theft and tamper proof. It can also be easily secured to a counter or desk to prevent the theft of the whole machine.

"Drop-in & Print", Easy Load

It couldn't be simpler – open the case, drop the new roll of paper in, pull forward the paper and shut the lid. The printer will then automatically cut the paper and print. Unbelievably simple in spite of the actual proportions of the high capacity 180mm diameter roll. A 180mm roll of 80 gsm / 0.08mm thick paper has over 298 metres of paper and can print over 3,000 9cm long tickets / receipts!



Star Versatility



As usual, Star has developed a quality suite of device drivers for easy integration into various operating systems including Windows 95/98/ME™/XP, NT4.0™, Windows 2000™, OPOS™, JAVA-POST™, Apple MAC & Linux CUPS Support™.

Versatile Paper Handling

The TSP1000 can handle any paper width from 45mm to 82.5mm wide with 1st column, left or right edge printing for security purposes and automatic scalable drivers to allow even more printed data to be squeezed on to the final output.



Two Colour Output

Fast, cost-effective, two colour output (red / black or blue / black) comes as standard with the TSP1000 for high quality ticketing/text emphasis purposes on kitchen orders etc.



Star Details

We have built our reputation on quality and attention to detail. The TSP1000 is testament to that. It is packed with features to give the user ultimate peace of mind and the flexibility to get on with the job at hand. It features a Near End Paper Warning so you know exactly when the TSP1000 is running low of paper. You can also check paper levels visually through the transparent cover.



It also comes with a 6 position ticket stacker, capable of stacking up to 30 tickets at a time and a guillotine cutter making it the perfect tool for high capacity ticketing applications such as theatres, airports and warehouses where fast throughput is essential.



The TSP1000 features a Power Switch Cover to prevent accidental system disruption.

TSP1000 Applications

TSP1000 – The Kitchen and Warehouse Picking Ticket Printer

The ticket stacker is a more secure way of storing food / stock orders until the chef / storeman is ready. If someone pulls a partially cut order hanging from a printer too quickly, other orders can fall off and go missing.



- The stacker sensor can be defined by software to print one ticket at a time (or as the chef takes them) in order to maintain table priority.
 - Two colour output for emphasis if required.
 - Buzzer alarm option to alert staff.
 - Automatic scalable driver for ability to print more data on less paper.

- Large paper roll for continuous use – an 80gsm roll can hold up to 298 metres of paper which could print over 3000, 9cm food / stock orders.
- Power switch cover to prevent accidental system disruption.
- "Drop-In & Print" paper loading for operator ease.
- High-speed printing and throughput to prevent customers going hungry!

TSP1000 – The Ticket Printer

- For use in theatres, cinemas, concert halls and theme parks etc.
- The ticket stacker allows the operator to take tickets when required.
- Fast high quality tickets from low cost unit.
- Multiple paper widths.
- Variable black mark sensor.
- Large paper roll for operator ease.
- "Drop-In & Print" paper loading for operator ease.
- High-speed printing and throughput to prevent queues.



TSP1000 – The Lottery Printer

- The ticket stacker allows the operator to take tickets when required.
- The adjustable paper guide will support left or right edge (1st column) printing for the optical mark reader.
- Multiple paper widths will easily fit in with world-wide lottery system requirements.
- "Drop-In & Print" paper loading for operator ease.
- The New Star Linux Library Tool is now available for easy integration into operating systems where the user has to verify that the printer has printed.



TSP1000 – The "Gate" Airline Ticket Printer

- Lower cost boarding pass for airlines.
- Ticket stacker for multiple boarding pass output for families, large groups etc.
- 2D barcode use will allow more customer information to be stored.
- Large paper roll for operator ease.
- "Drop-In & Print" paper loading for operator ease.
- High-speed printing and throughput to prevent customer queues.

