TSP800II Series

The World's Only High Speed 112mm wide Barcode, Label, Receipt and Ticket Printers

"The TSP800II offers approximately 90% lower running costs than a typical A4 laser printer offering the perfect printing alternative for end of day reporting, hotel invoicing, etc."

Providing unique versatility and cost effectiveness, the TSP800II series is capable of printing on wider than average media up to 112mm with an automatic A4 raster driver scaling A4 images onto A6

- 180mm/second Barcode, Label, Receipt & Ticket Printer with Autocutter as standard
- Wide 4" (104mm) print width – on paper stock up to 0.15mm thick. Paper guide for 80mm paper roll printing
- Internal or External paper feed paths (external for large capacity or fanfold applications)
- "Drop-In & Print" easy paper loading
- Compact footprint with vertical "Desk Boot" and Wall Mount options – ideal for Kiosk applications
- ESC/POS™ compatible in Standard and "Super Large" mode

- Automatic scalable raster driver for immediate A4 reduction to A6

Interface versions available:
- **TSP847IID** Serial Interface
- **TSP847IIC** Parallel Interface
- **TSP847IIU** USB Interface
- **TSP847II** Non-Interface version for use with low cost Ethernet/WebPRNT
- **WiFi** Option available, see page 25 for more information on the Star WiFi Power Pack
- **WebPRNT** Option available, see page 8 for more information on WebPRNT

RETAIL
- Point-of-Sale Receipting
- End-of-Day Reporting
- Pharmaceutical Prescriptions
- Retail Couponing
- Shelf Edge Labels/Product Labelling
- Gift Certificates

HOSPITALITY
- Hotel Invoicing
- Table Receipting

DELIVERY LOGISTICS
- Delivery Invoicing
- Reports
- Product Labelling – 112mm with auto status

KIOSK
- Remote Printing

TICKETING
- Lottery Printing

…and so much more.

Two in One Printer

The TSP800II direct thermal printer can automatically print A4 output on 112mm wide paper simply by selecting the TSP800II scalable raster driver

Obvious advantages include:
- **Lower running costs** – TSP800II costs 90.47%* less to run than a typical laser printer
- **Compact printer footprint** – at only 180 (w) x 213 (d) x 148 (h) mm valuable desk space saved
- **Faster to first page out and faster print speed than a typical laser at 180mm/second**
- **Greener solution** – less paper wasted due to variable paper length so scaled A4 pages are not used for minimal print, less CO_2 output and power used
(*contact Star for more information on the latest statistics)

Customer success: The printer used by hotels all over the world due to its 90% running cost reduction and CO_2 advantages compared to a laser printer – ask Star for more information.

AUTOMATIC PAGE SCALING – A4 to A6

The TSP800II 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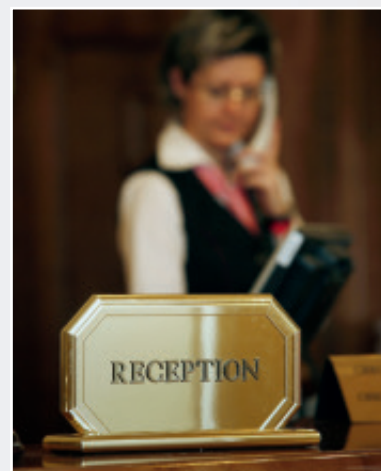 image on 112mm wide paper up to 0.15mm thick. All this at up to 180mm/second, without the need for additional software and zero warm-up time!

A4 automatic scalable invoice feature is now in use in the UK's largest and fastest-growing budget hotel brand, Whitbread's Premier Inn with over 650 budget hotels

A4 ➤ A6

TSP800II SCALABLE RASTER DRIVER

Tablet Connectivity options:
- **HTML5 WebPRNT Printing**
"Plug-In" hardware solution for PC free network printing or Tablet Bridge Software available from App Store or Google Play in Qtr 1/2 2014

STAR PRINTER SERIES

ENERGY STAR

	TSP143 ECO	TSP100U TSP100GT	TSP100LAN	TSP654II	TSP654IIBI	TSP700II	TSP800II	FVP10
Full Range of Receipt Printers from Entry-Level to Sophisticated								
Description	Dedicated ECO Printers with Power & Paper Saving Tools **All set-up accessories in box**	New, High Speed "All-in-the-Box" Thermal USB Receipt Printers **All set-up accessories in box**	Dedicated LAN Thermal Printer **All set-up accessories in box**	*NEW* Superfast, Low Cost Thermal Receipt Printer including WebPRNT / iOS versions	*NEW* Industry first High Performance, Entry Level iOS Compatible Bluetooth Desktop Printer with Cash Drawer Support	TSP743II Barcode, Label, Ticket & Receipt Printing from the ONE model	TSP847II Barcodes, Labels, Tickets all from the ONE model! The ALTERNATIVE A4 Laser Printer	UNIQUE under Counter / Front Operating Printer with Voice Tool
Max. Print Speed	150mm/sec.	TSP100GT: 250mm/sec. TSP113U (Tear Bar): 125mm/sec.	125mm/sec.	300mm/sec.	300mm/sec.	250mm/sec.	180mm/sec.	250mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable
No. of Columns	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 or 53/71 col. Depending on Paper Width	A4 Print Capability on 112mm Paper with Auto Scaling Software	48/64 col. Depending on Paper Width
Autocutter	Partical Cut (Guillotine) with 3mm Top Margin	Tear Bar and Partial (Guillotine) Autocutter Models	Tear Bar and Partial (Guillotine) Autocutter Models	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)
Paper Width	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm Standard / 58mm (Paper Guide)	82.5mm, 80mm, 58mm selectable (80mm Standard with User Installable Paper Guide Fitted)	112mm Standard, 80mm Options with User Installable Paper Guide Option	58 – 80mm Fully Adjustable
Paper Thickness	0.065 – 0.085mm	0.065 – 0.085mm	0.065 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm
Paper Roll Standard Option	83mm	83mm	83mm	83mm	83mm	100mm	100mm	83mm
Media Presentation	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included & Optional Paper Exit Guide	User Selectable Paper Delivery Options with Mounting Bracket Option	Front Output Delivery with Flat Shelf Mount Bracket Option
Print Width	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	80mm Maximum	104mm	72mm
Sensors	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open, Near End Sensor Horizontal & Vertical	Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End
Interface	USB 2.0 Full Speed with Cable Supplied and "Virtual" Serial Port Emulator. 3rd Party WiFi/ Bluetooth Options	USB 2.0 Full Speed with Cable Supplied and "Virtual" Serial Port Emulator. 3rd Party WiFi/ Bluetooth Options	Ethernet model (10/100baseT, UTP) with LAN Cable Supplied and "Virtual" Serial Port. Star WiFi Power Pack option available for LAN version	Serial, Parallel, USB, Ethernet, Bluetooth (Apple iOS, Android, Windows) and Non Interface versions. Plug-In Options: Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRNT (HE07X)	Bluetooth (2.1), iOS (MFi)	Serial, Parallel, USB and Non Interface versions. Plug-In Options Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07)	Serial, Parallel, USB and Non Interface versions. Plug-In Options Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRNT (HE07X)	USB models with 2nd interface slot for Plug-In Options Serial (BD03), Parallel, Ethernet (BE07), WebPRNT
Unique Ethernet Print on Disconnection Feature			TSP100LAN: Standard	Standard with IFBD-HE07 Option		Standard with IFBD-HE07 Option	Standard with IFBD-HE07 Option	Standard with IFBD-HE07 and Sub Chassis Option
Power Supply	Internal with Power Cable included	Internal with Power Cable included	TSP100 LAN: Internal with Power Cable included	External Option PS60A	External Option PS60A	External Option PS60A	External Option PS60A	External Option PS60A
Power Consumption	1.6 Amps Printing 0.1 Amps Standby	1.6 Amps Printing 0.1 Amps Standby	1.6 Amps Printing 0.1 Amps Standby	1.9 Amps Printing 0.15 Amps Standby	1.9 Amps Printing 0.15 Amps Standby	1.8 amps Printing 0.15 amps Standby	2.0 Amps Printing 0.12 Amps Standby	1.56 Amps Printing 0.12 Amps Standby
Energy Star	Energy Star Certified Internal Power Supply with Power Cable included	Energy Star Certified Internal Power Supply with Power Cable included	Energy Star Certified Internal Power Supply with Power Cable included	External, Energy Star Qualified PS60 (Optional)	External, Energy Star Qualified PS60 (Optional)	External, Energy Star Qualified PS60 (Optional)	External, Energy Star Qualified PS60 (Optional)	External, Energy Star Qualified PS60 (Optional)
Reliability	60 Million Lines 1 Million Cuts	60 Million Lines 1 Million Cuts	60 Million Lines 1 Million Cuts	60 Million Lines 2 Million Cuts	60 Million Lines 2 Million Cuts	60 Million Lines 2 Million Cuts	37 Million Lines 2 Million Cuts	60 Million Lines 2 Million Cuts
Dimensions (W x D x H) mm Weight	142 x 204 x 132 1.37kg – 1.72kg	142 x 204 x 132 1.56kg – 1.76kg	142 x 204 x 132 1.56kg – 1.74kg	142 x 203.5 x 132 1.60kg	142 x 203.5 x 132 1.60kg	147 x 213 x 148 1.75kg	180 x 213 x 148 1.9kg	144 x 227.7 x 114 2.8kg
Options	• T100/650 Splash Proof Cover • VS-T65/100 Display Stand for Vertical Use • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• T100/650 Splash Proof Cover • VS-T650/100 Display Stand for Vertical Use • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• T100/650 Splash Proof Cover • VS-T650/100 Display Stand for Vertical Use • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• T100/650 Splash Proof Cover • VS-T650/100 Display Stand for Vertical Use • Plug-in Interfaces (see above) • "Plug-in" WebPRNT hardware solution for PC free network printing • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• T100/650 Splash Proof Cover • VS-T650/100 Display Stand for Vertical Use • Plug-in Interfaces (see above) • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• Buzzer • T700 Splash Proof Cover • Blue or Green & Red LED Paper Exit Guide • Plug-in Interfaces (see above) • "Plug-in" WebPRNT hardware solution for PC free network printing • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• Buzzer • Blue or Green & Red LED Paper Exit Guide • Plug-in Interfaces (see above) • "Plug-in" WebPRNT hardware solution for PC free network printing • WebPRNT Tablet Software Bridge download option from the App Store & Google Play	• MK-FVP10 Mounting Bracket • Plug-in 2nd Interfaces (see above) • "Plug-in" WebPRNT hardware solution for PC free network printing • WebPRNT Tablet Software Bridge download option from the App Store & Google Play

▶ Industry standard 1D & 2D barcode support on all printers