HSP7000 Series

STAR Thermal / Matrix Slip Multi-Function Printer

STAR MICRONICS

The HSP7000 combines key features from Star's celebrated range to produce the world's fastest hybrid printer. This printer incorporates the high quality thermal print mechanism designed for the market leading TSP100 *futurePRNT* Series, the super fast TSP100 GT with the widely renowned marketing software producing high quality 203 dpi receipts, as well as components from the high speed SP700 matrix printer.

- High speed 250mm / second thermal receipt printer (the world's fastest) combined with high speed 9-pin matrix cheque / validation printer (up to 8.9 lps at 16 column or 4.82 lps at 40 column)

- High resolution 203 dpi output for fast, superior quality logo / barcode receipt output compared with competitor's 180 dpi print quality

- Designed specifically with the user in mind, the HSP7000 is simplicity itself with:
  - "Drop-In & Print", Easy-load for fast thermal receipt paper replacement
  - Intelligent front loading with instant top of form positioning for fast accurate cheque printing and 1 + 3 form validation / endorsement
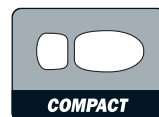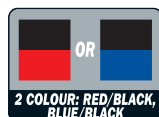   - Fast, easy and accessible ribbon replacement with cover sensor to minimise any possible user error
    - Auto status back for paper loading, sensor reporting etc. to minimise downtime, programming time and costs

- The OEM / System builder's dream with Star's famous suite of operating platform / emulation support including Microsoft Win2K/XP™, Vista™, WePOS™, Win XP Embedded™, OPOS™, Java-POS™, Linux™, MAC™ with Star Mode and ESC/POS™ emulations

- Easy-to-use AutoLogo™ marketing / stock management tool with the ability to configure / download up to 15 graphics or coupons without any expensive software changes or complicated set up procedures

- Variable paper widths to minimise costs or match existing software – 80mm default with guide provided for fast transfer to 76 or 58mm paper widths

Typical Applications

- **POS Printer**
  Perfect for combined and accurate, high speed 203 dpi receipt and 9-pin cheque printing. The predicted withdrawal of cheques has not materialised with retailers globally still seeing a significant percentage of sales transactions taking place using cheques

- **Tough Record and Form Printer**
  Fast, accurate form completion with high speed record output for Electronic and DIY retailers (for product warranties etc.). Up to 4 copies available

HSP7543	Hybrid Combination without MICR
HSP7643	Hybrid Combination with top position MICR
HSP7743	Hybrid Combination with bottom position MICR

(MICR = Magnetic Ink Character Recognition, used in cheque-reading devices)

250mm per second — HIGH SPEED | **EASY LOAD** | **2 COLOUR: RED/BLACK, BLUE/BLACK** | **1 + 3 MULTI-COPY** | **CUT SHEET** | **COMPACT** | **CASH DRAWER DRIVER** | **INTELLIGENT FRONT LOADING**

User friendly with simple ribbon replacement

"Drop-In & Print", Easy-load

Easy-to-use AutoLogo™ graphics tool able to configure / download up to 15 coupons without any expensive software changes using a simple wizard-driven utility. Load & "ID" a graphic to then trigger a profit-making coupon etc.

High quality 203 dpi logo and barcode printer

High quality, single pass cheque printer

Fast and accurate voucher endorsement

Up to 4 part slip station – perfect for warranty and DIY applications

Compatibility with most major operating systems

HSP7000 Printer Specifications

Print Speed:	
Thermal	up to 250mm / second
	83 lps (3mm / line), 63 lps (4mm / line)
Matrix Slip	up to 4.82 lps (40 columns)
	up to 8.9 lps (16 columns)
Dimensions / Weight	186 (W) x 296 (D) x 177 (H) mm / 4.6Kg
Emulation	Star Mode / ESC/POS™
Drivers Available	Win2K/XP™, Vista™, OPOS™, JavaPOS™, LibStarIO, Linux™, MAC™*, WePOS™, Win XP Embedded™, Win 7™, Win 8™
Interface	Parallel / Serial
Interface options	USB, Ethernet, Powered USB
Safety Standards	UL, C-UL, TÜV, FCC Class A, CE, CB GOST, C-tick, AS standard, VCCI Class A, EN55022
RECEIPT STATION:	
Thermal	Direct Thermal
Resolution	203 dpi
Autocutter	Guillotine partial cut (centre)
Target Life	1.5 million cuts
Reliability	60 million lines
Paper:	
Paper Loading	"Drop-In & Print"
Roll Diameter	max. 83mm
Paper width / Print area	80 / 72mm (default)
	76 / 68mm
	58 / 51mm
Paper Thickness (Receipt)	0.065 ~ 0.085mm
Near End Sensor	Yes
Paper Sensor	Yes
Cover Open Sensor	Yes
Barcodes	Yes
Two Colour Receipts	Red / Black, Blue/ Black (special paper required)
MATRIX SLIP STATION:	
Print Direction	9-pin bi-directional, logic seeking
Reliability	37 million lines
No. of Columns	60 / 45 cols.
Print Area	max. 85.4mm
Paper Loading	Intelligent Front Loading
Paper Width	up to 230mm
Length	75 ~ 297mm
Thickness 1 part:	230mm wide: 0.09 ~ 0.15mm, 105mm wide: 0.09 ~ 0.20mm
4 part:	0.09 ~ 0.31mm
Ribbon	RC-7KB
Cheque Printing	Yes
Validation	Yes (max. 8 lines)
MICR Versions (Top / Bottom)	Yes (lower cost Non MICR version also available)
Options	USB, Ethernet, Powered USB, RS232, Parallel interfaces (standard) PS60-A Power Supply

Star Support

Star Micronics continues to invest money and effort towards providing support for a wide selection of platforms with a full range of sophisticated printer drivers. Star's latest products demonstrate Star's determination to provide the best printers on the market with its new "intuitive" installation software for Microsoft applications including Java-POS and OPOS with Microsoft certification (WHQL) as well POS.Net, XP Embedded, CE and WePOS.