SP500 Series

The new, logic seeking SP500 Series offers an unbeatable price / performance ratio unmatched by any other manufacturer

Vertical footprint:
163mm deep
by 140mm wide

- High speed, logic seeking, 9-pin quality matrix printer – up to 7.5 lps
- **NEW** non-interface version available for Ethernet and USB usage (IF-BDHE04 & IF-BDHU04 – same as TSP600)
- Competitively priced with unmatched feature per cost ratio
- "Drop-In & Insert" paper loading facility
- Adjustable 58 or 76mm paper widths
- Quality ticket output on media up to 0.10mm with 6 position Black Mark Sensor
- Spill-proof / Hygienic design for bar / kitchen environments with cable and power switch covers
- Space saving vertical or horizontal operation
- Wall mount option
- Internal universal power supply
- Journal / Rewind option (must be fitted by supplier)
- Compact footprint with internal power supply and vertical operation

Typical Applications

- **Point of Sale**
- **Ticketing**
- **Hospitality**
- **Fiscal** (requires local module)
- **Kiosk**

SP512	Tear Bar Version
SP542	Autocutter Version
UP542	Kiosk Version

up to 7.5 lines per second — HIGH SPEED | EASY LOAD | 1 + 2 MULTI-COPY | TEAR BAR OR AUTOCUTTER | PAPER REWIND VERSION | INTEGRAL POWER SUPPLY | 22,000,000 LINES MCBF CRT RELIABILITY

SP500 Printer Specifications

Printer Method	9 Pin Serial Dot Matrix
Print Speed	Approx. 7.5 lps (@ 16 col) or 4 lps (@ 42 col, 16.9CPI)
Print Direction	Bi-directional, Logic Seeking
Paper Feed Speed	Approx. 33 lps (@ continuous feed)
Number of Columns	40 col / 42 col / 35 col (76mm paper) 30 col / 32 col / 26 col (58mm paper)
Character Matrix	7 x 9 (half dot) / 5 x 9
Character Set	95 alphanumeric, 46 International, 128 x 40 graphic
Code Pages	40 Code Pages
Program ROM	Flash Memory
Character per inch (CPI)	16.9 / 14.1
Character Size (mm)	1.2 (W) x 2.42 (H) / 1.5 (W) x 2.42 (H)
Paper Specifications: Width Thickness 1 ply Copy Capability 2 ply Copy Capability 3 ply	 76 ± 0.5mm or 57.5 ±0.5mm (W) x 85mm (diameter) 0.07 ~ 0.10mm Original +1, 0.05 ~ 0.08mm per ply (total less than 0.14) Original +2, 0.05 ~ 0.08mm per ply (total less than 0.20)
Ribbon Life RC200B	1.2 million characters
Control Code	Star Mode / ESC/POS™ Emulation

Interface	Serial or Parallel. New Non-interface version for Ethernet / USB usage
Data Buffer	2 KByte or 256 Byte
Reliability: Printer Autocutter	22 million lines (CRT), 9 million lines (MCBF) 300,000 cuts (Full or Partial Cut) Guillotine
Drivers Available	OPOS™, Windows 95 / 98 / ME / 2000™, XP™, NT4.0™, Linux CUPS Support™, JavaPOS™, Apple MAC™
Peripheral Driver	2 circuits, for driving solenoids etc. (24V max., 1A)
(D.K.D. Function)	1 compulsion input
EMI Standard	VCCI Class A, FCC Class A, CE Marking
Safety Standard	UL, C-UL, TÜV, CB
Black Mark Sensor	6 position as standard
Paper End Sensor	Standard
Additional Features	Fiscal Memory (Space Only) Power Switch Cover as standard
Overall Dimensions	140 (W) x 225 (D) x 163 (H) mm
Weight	2.0Kg (Tear Bar Model), 2.2Kg (Autocutter Model)
Options	Paper Near End Sensor, Star Buzzer alarm, Paper Rewind (Journal) – Distributor/Factory Fit, Vertical Mount Paper Roll Holder WB-S500, Ethernet & USB options for SPECIAL SP500 version