

Star® SP512/SP542/SP712/SP742

Dot Matrix Printers

Specifications SP512/SP542

Print Method:

9-Pin impact dot matrix

Print Speed:

4 lines per second at 40 columns
8 lines per second at 16 columns

Number Of Columns:

42 at 16.9 cpi

Paper Width:

2.25 in/3 in (selectable)

Paper Thickness:

0.002 in to 0.003 in (0.07 to 0.10 mm)

Copy Capabilities:

Copies: original and two copies, maximum 0.007 in (0.20 mm)

Roll Diameter:

3.34 in (85 mm)

Paper Roll Core:

0.47 in (12 mm) ID, 0.70 in (18 mm) OD

Paper Loading:

Semi-automatic

Paper Sensors:

Paper out

Cutter Reliability:

0.5 million cuts

Printer Reliability:

70 million characters

Auto Cutter:

SP542: full and partial cut (software controlled)

Interface:

RS-232 serial

Baud Rates:

4,800, 9,600, 19,200, 38,400

Drivers:

Windows® 9x/NT/2000, OPOS, JavaPOS™

Emulation:

Star Mode, ESC/POS™

Cash Drawer:

2 drivers, 1 compulsion switch

Power Required:

100 to 240 VAC, 50/60 Hz

Overall Dimensions:

5.51 W x 8.85 D x 6.41 in H (140 W x 225 x 163 mm H)

Storage Temperature:

10% to 90% RH

Operating Temperature:

3° F to 104° F (0° C to 40° C)

Approvals:

UL and C-UL listed, TÜV

Warranty:

Three-year limited warranty on parts
One-year limited warranty on print head and cutter



APPROVALS



Standard Features

- Spill-proof cover
- Single-color highlights
- Power switch cover
- Internal universal power supply
- Serial interface
- Star and ESC/POS emulation
- Black mark sensor
- More than 4 lines per second print speed
- Auto cutter and tear bar versions
- Prints multiple copies (original and two copies)
- High reliability
- Prints graphics

SP712 Only

- Clamshell design for easy paper loading
- Spill-proof and heat-resistant
- Swappable interfaces available
- Wall mount (option)
- External buzzer option

Specifications SP712/SP742

Print Method:

9-Pin impact dot matrix

Print Speed:

13 RPM

Paper Width:

70 and 58 mm (with paper guide)

Emulation:

Star mode, ESC/POS

Power:

110 to 230 VAC

MCBF:

22 million lines

Cutter:

1 million cuts

Dimensions:

160 W x 152 H x 245 mm D

Connectivity:

9-Pin serial, 25-Pin serial, parallel, USB, ethernet, Wifi

Drivers:

2000 XP (L), XP embedded (L), VISTA (G) (32-and 64-bit)

Warranty:

Three-year limited warranty

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Dot Matrix Printers

Part Number/Price

PART #	DESCRIPTION	WEIGHT	PRICE
77167	SP512 dot matrix tape printer, with tear bar, RS-232 serial interface	5lb	Consult
85911	SP512 dot matrix tape printer with tear bar, parallel interface	5lb	Consult
77168	SP542 dot matrix tape printer, with auto cutter, RS-232 serial interface	5lb	Consult
103141	SP712 RS-232 tape printer, tear bar	9lb	Consult
155825	SP712 RS-232 tape printer, tear bar, journal	9lb	Consult
164392	SP712, USB tape printer, tear bar	9lb	Consult
103142	SP742 RS-232 tape printer, cutter	9lb	Consult

Consult factory for models with a parallel interface.

Options/Accessories

PART #	DESCRIPTION	PRICE
69921	Ink ribbon (purple) SP500, SP2000, SP200, series	Consult
103728	Ink ribbon (black), SP700 Series	Consult
69916	One-ply paper roll, 3 in W x 3 in Dia. 150 ft roll, Bond, 3 in OD	Consult
69915	Two-ply paper roll, 3 in W x 3 in Dia. white/canary yellow, 90 ft roll, 3 in OD	Consult
72471	Programmers CD-ROM (includes utility programs and manuals)	Consult
121331	Wall mount bracket, SP700 Series	Consult
Cables		
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	Consult
15568	25-Pin D-sub male to 25-Pin D-sub male RS-232 serial interface cable	Consult
72440	25-Pin to 9-Pin D-sub female cable	Consult
79074	USB cable	Consult