

INNOVATING FOR INDIA



# MSP 345 STAR | REPORT PRINTER

The business star



Printing speed 400 cps -  
Faster printing



Parallel & USB interfaces  
- Easy to install



High input buffer - Faster  
printing



Printer built-in barcode  
fonts - Prints barcodes



200 million character  
print head life -  
Trouble-free printing



Selicon self-lubrication  
mechanism -  
Maintenance free. No  
more interruptions

## The MSP 345 Star Advantage

Your customers need not wait more. With a printing speed of 400 cps, the fastest in its category, MSP 345 Star prints invoices, ledgers and accounts statements in a jiffy.

Apart from the standard parallel interface, MSP 345 Star also comes with a USB interface cable which makes installation an easy plug and print process for the user.

The Selicon Bush with self-lubrication mechanism ensures smooth movement of the carriage. This bush ensures uninterrupted printing with no more carriage problems thereby resulting in lesser need for service and higher printer uptime.

The 100 KB buffer memory ensures faster printing, specially when the document requires to be printed with the customer's logo or any other graphics.

Built-in barcode fonts ensure printing barcodes, thereby avoiding the need for a separate printer for the process.

The chrome coated, tough print head guarantees 200 million characters, giving the user an uninterrupted and trouble-free printing experience.

Printing cost is an unbelievable 2 paise per page with MSP 345 Star. Thanks to the TVS-E ribbon cassette used in this printer fitted with patented TVS-E Ink bank, it prints at almost 70% lesser cost compared to competition.

## Specifications

Print Method	: Serial impact dot matrix
Print Direction	: Bi-directional logic seeking
Print Head Type	: 24 wire
Print Width	: 136 column
Print Head Life	: 200 million characters*
Positioning Speed	: 400 cps

### Print Speed

Character Pitch (dpi)	: 10	12
Super Speed Draft (cps)	: 400	-
High Speed Draft (cps)	: 300	360
Draft (cps)	: 250	300
Letter Quality (cps)	: 83	100

### Resident Printer Fonts

High Speed Draft	: Standard 10 and 12 cpi
Draft	: Standard 10, 12, 15, 17 and 20 cpi
Letter Quality	: Roman, Sans Serif, Courier, Prestige, Script, Script-C, Orator, OCR-B, Orator-S
Letter Quality (Scalable)	: Roman, Sans Serif ( 8 to 40 points)
Fast LQ	: Prestige
Resident Barcode	: Code 3 of 9

## CUSTOMER SEGMENTS



Supermarkets



Grocery Shops



Libraries



Apparel Stores



Books, Gifts & Stationery Shops



Courier Companies



Hospitals



Amusement Parks

### TVS ELECTRONICS LIMITED:

South Phase 7A, Second Floor,

Industrial Estate, Guindy, Chennai - 600 032.

Call: 1800 200 5123 / 3030 9797 / 3030 7171 (prefix city STD code)

Visit: [www.tvS-e.in](http://www.tvS-e.in)

## Paper Handling

Paper Path - Standard	: Top, rear and bottom
Continuous Tractor Feed - Standard	: Convertible push and pull

## Paper Size

Continuous Form Width	: 4" - 16"
Cut Sheet Width	: 7.2" - 16.1"
Paper Thickness (max) - Tractor Feed	: 0.3 mm

Paper Thickness (max) - Friction Feed	: 0.3 mm
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Copy Capability*	: 1+3 with carbon
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## Consumables - Ribbon

Type	: Patented TVS-E ribbon cassette with user replaceable Ink bank
Colour	: Jet black
Ribbon Life	: 40 million characters with 3 additional Ink banks
Cassette Refill Mode	: Through Ink bank
Ink bank Life	: 10 million characters**
Input Buffer (Kilo Bytes)	: 100 KB

## Reliability

MTBF (Power on Hours)	: 6000 POH**
Acoustics (Noise Level)	: 55 dB (A) in ISO 7779 Sonic Pattern
Emulation	: ESC / P2, IBM Proprinter XL 24E

## Interface

Standard	: Centronics IEEE - P1284A Parallel, USB
Optional	: RS-232C serial***

## Software Specifications

Drivers	: Windows 9X, NT 4.0, ME, 2000, 2003, XP, VISTA, Windows 7, Linux
Electronic Guide	: HTML based

## Electrical Specifications

Operating Voltage	: 150V - 270V AC
Mains Frequency	: 47 - 63 Hz
Power (Standby)	: ~12 W

## Environmental - Operating Conditions

Temperature	: +5° C to +45°C
Relative Humidity	: 10% to 80%

## Physical Dimensions

Size ( W x D x H ) mm	: 608 x 379 x 147
Weight	: 7 kg
Warranty	: 2 years

## Best suited for printing

Reports | Proposals | Letters & Correspondence | Statements | Journals | Documents

1 kg = 2.2 lbs; 1 inch = 2.54 cms

\*Max. possible copy capability, \*\*@ Draft 10 cpi

#@ 33% print density and 25% duty cycle

\*\* Excluding print head @ 33% print density and 25% duty cycle

\*\*\*, in lieu of USB

## ORDERING INFORMATION

3014040033 MSP 345 STAR

## OPTIONAL CONSUMABLES

2028010011	TVS-E RIBBON CASSETTE 136 COL
2017100041	TVS-E INK BANK
2023010023	TVS-E PRINT HEAD MSP 345 STAR

## DEALER STAMP