

INNOVATING FOR INDIA



MSP 250 STAR | INVOICE PRINTER

The retail star



Printing speed of
450 cps -
Faster printing



PoH
15,000 power on hours -
Higher reliability



India's first vertical
printer - Saves space



Built-in barcode fonts -
Prints barcodes



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

The MSP 250 Star Advantage

The new 'Turbodot' print head from TVS-E is designed and precision engineered to obtain the best results.

Sealed coils enhance the thermo-cooling capacity of the print head.

In comparison to the conventional tungsten pins, the HSS (High Speed Steel) pins used in 'Turbodot' print head ensure precise dot placement.

The exterior of the print head is designed with increased number of Heat Sink Fins for better heat dissipation.

A special exterior coating of Heat Sink enhances heat dissipation. The specially designed Plastic Front Profile guarantees smooth ribbon movement, thus slowing the wear and tear of the ribbon fabric and improving ribbon life.

Specifications

Print Method	: Serial impact dot matrix
Print Direction	: Bi-directional logic seeking
Print Head Type	: 9 wire
Print Width	: 80 column
Print Head Life	: 200 million characters*
Positioning Speed	: 450 cps

Print Speed

Character Pitch (cpi)	: 10	12	15
High Speed Draft (cps)	380	450	-
Draft (cps)			
Near Letter Quality (cps)	300	360	450
	63	75	-

Resident Printer Fonts

High Speed Draft	: Standard 10 and 12 cpi
Draft	: Standard 10, 12, 15, 17 and 20 cpi
Near Letter Quality	: Roman, Sans Serif, Script
Resident Barcode	: Code 3 of 9

Paper Handling

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

Paper Size

Continuous Form Width	: 3.5 - 10"
Cut Sheet Width	: 3.5 - 10"

CUSTOMER SEGMENTS



Banks



Restaurants



Textiles Companies



Ticketing Offices



Pharmacies



Manufacturing Companies



Toll Gates



Diagnostic Labs

TVS ELECTRONICS LIMITED:

Arihant E-Park, NO. 117/1, 9th Floor,
L. B. Road, Adyar, Chennai – 600 020.

Sales Enquiry: +91 44 6688 8822

Customer Care: 0816 – 2214600 | +91 81635 00400 WhatsApp: +91 74488 04201

www.tvs-e.in

Paper Thickness (max) - Tractor Feed	: 0.3 mm
Paper Thickness (max) - Friction Feed	: 0.3 mm
Copy Capability*	: 1+4 with carbon

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)	: 15000 POH**
Acoustics (Noise Level)	: 55 dB (A) in ISO 7779 Sonic Pattern
Emulation	: ESC / P, IBM Proprinter

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	: 433 x 379 x 147
Weight	: 5.7 kg
Warranty	: 1 year including print head (only valid on registration)

Best suited for printing

Bills | Receipts | Tickets | Coupons | Invoices | Statements

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

3014070014

MSP 250 STAR

OPTIONAL CONSUMABLES

2028020009	TVS-E RIBBON CASSETTE 80 COL
2017100041	TVS-E INK BANK
2023020060	TVS-E PRINT HEAD MSP 250 STAR

DEALER STAMP