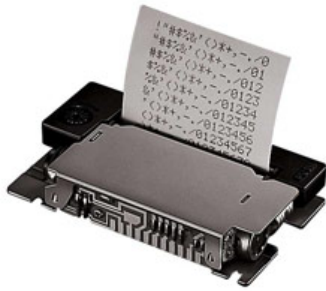


## Epson M-150 Series



[+ ENLARGE IMAGE](#)

### Impact Mini Printers

### Ultra-compact and very reliable

[Printer Friendly Specs](#)

[Where to Buy](#)

## Overview

### Ultra-Compact and Very Reliable

The M-150 series of impact dot matrix printers is the world's most compact. They weigh less than 80 grams yet offer extremely high performance.

### Perfect for Compact Drives

Because they are so compact and require so little power, the M-150 series is ideal for numerous printing applications, from handy terminals to laptop computers and compact measuring instruments.

### A Variety of Symbols and Characters

The graphic printing capability allows the M-150 series to print out a variety of symbols as well as alphanumeric characters.

### Battery Operatable

The low power requirements of the M-150 series allows it to operate on a Ni-Cd battery.

### Four Models to Choose From

From the models available, you can choose the one that accommodates your paper and column requirements.

## Specification

### Impact Mini Printers

#### PRINTER

PRINTING METHOD Shuttle impact dot matrix

#### PRINTING FORMAT

FONT 5 x 7

COLUMN CAPACITY  
M-150II: 16 columns  
M-160: 24 columns  
M-163: 32 columns  
M-164: 40 columns

CHARACTER SIZE  
M-150II: 1.8 (W) x 2.5 (H)mm  
M-160: 1.7 (W) x 2.4 (H)mm  
M-163: 1.3 (W) x 2.4 (H)mm  
M-164: 1.1 (W) x 2.4 (H)mm

LINE SPACING  
M-150II: 3.5mm (For a 5 x 7 font and 3 dots per line paper feed)  
M-160/M-163/M-164: 3.3mm (For a 5 x 7 font and 3 dots per line paper feed)

COLUMN SPACING  
M-150II: 2.1mm  
M-160: 2.0mm  
M-163: 1.5mm  
M-164: 1.2mm

NUMBER OF TOTAL DOTS  
M-150II: 96 dots / line  
M-160: 144 dots / line  
M-163: 192 dots / line  
M-164: 240 dots / line

PRINTING SPEED  
M-150II: 1.0 line / sec.  
M-160: 0.7 line / sec.  
M-163: 0.5 line / sec.  
M-164: 0.4 line / sec.

#### PRINthead

TERMINAL VOLTAGE 3.0 to 5.0 VDC

PEAK CURRENT Approx. 3 A / solenoid

#### MOTOR

TERMINAL VOLTAGE 3.8 to 5.0 VDC

MEAN CURRENT  
M-150II: Approx. 0.17 A  
M-160/M-163/M-164: Approx. 0.2 A

**PAPER**

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| SIMENSIONS          | M-150II: 44.5 ± 0.5mm (W) x dia. 50mm max.<br>M-160/M-163/M-164: 57.5 ± 0.5mm (W) x dia. 50mm max. |
| TOTAL THICKNESS     | 0.07mm                                                                                             |
| COPY CAPABILITY     | Original + one copy                                                                                |
| RIBBON CASSETTE     | M-150II: ERC-05<br>M-160/M-163/M-164: ERC-09/22                                                    |
| AMBIENT TEMPERATURE | 0° to 50°C (operating)                                                                             |

**RELIABILITY**

|                  |                                                                                        |
|------------------|----------------------------------------------------------------------------------------|
| MECHANISM (MCBF) | M-150II: 0.5 x 10 <sup>6</sup> lines<br>M-160/M-163/M-164: 0.4 x 10 <sup>6</sup> lines |
| PRINthead LIFE   | M-150II: 0.5 x 10 <sup>6</sup> lines<br>M-160/M-163/M-164: 0.4 x 10 <sup>6</sup> lines |

**OVERALL DIMENSIONS**

M-150II: 73.2mm (W) x 42.6mm (D) x 12.8mm (H)  
M-160/M-163/M-164: 91.0mm (W) x 42.6mm (D) x 12.8mm (H)

**WEIGHT**

M-150II: Approx. 60 g  
M-160/M-163/M-164: Approx. 75 g

**Usage Conditions**

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability.

**Consumables**

| POS RIBBONS                                            | PRODUCT CODE |
|--------------------------------------------------------|--------------|
| <b><u>Ribbon Cassette ERC-05B BLACK</u></b>            | C43S015352   |
| <b><u>Ribbon Cassette ERC-05B BLACK - 50 Pack</u></b>  | C43S015352   |
| <b><u>Ribbon Cassette ERC-05B BLACK - 100 Pack</u></b> | C43S015352   |
| <b><u>Ribbon Cassette ERC-05B BLACK - 200 Pack</u></b> | C43S015352   |
| <b><u>Ribbon Cassette ERC-09B BLACK - 100 Pack</u></b> | C43S015354   |
| <b><u>Ribbon Cassette ERC-09B BLACK - 200 Pack</u></b> | C43S015354   |

Epson is the registered trademark of Seiko Epson Corporation. Epson STYLUS, PerfectPicture, MicroPiezo, AcuPhoto Halftoning, QuickDry are the trademarks of Seiko Epson Corporation. All other names and company names used herein are for identification purpose only and may be the trademarks or registered trademarks of their respective owners. Epson disclaims any and all rights in those marks. All print samples shown herein are imulations. Specifications are subject to change without notice.