

## MP500 Dot Matrix Printer Mechanism

### Features

- Newly designed print head capable of print speeds up to 5.2 lines per second
- High-Quality, logic seeking 9-pin mechanism with full graphics capability
- Semi-Automatic paper loading
- 42 Columns
- 100 Million character print head life
- Reliability 9 million lines
- 76mm/58mm paper width (selectable)
- Print multiple copies (original + 2)
- Black mark detection for ticket and form printing

### MP512 – Tear Bar Version

One of the fastest, most cost-effective and reliable dot matrix print mechanisms available, the MP500 series incorporates black mark/paper end sensors, integrated tear bar, and adjustable paper widths.

The MP500 series combines the latest technology in logic seeking printing mechanisms, with its ultra-efficient compact design to achieve the extremely fast print speed of over 4 lines per second.

The BD500 control board complements the MP500 printer mechanism. Using the Star Micronics control board simplifies the integration of the MP500 for rapid application development.

The MP500 series targets applications such as Credit Authorization Terminals, data terminals, test equipment, parking and toll collection, and gaming devices. However, with its performance and adaptability, the MP500 series can be used in a wide variety of applications.



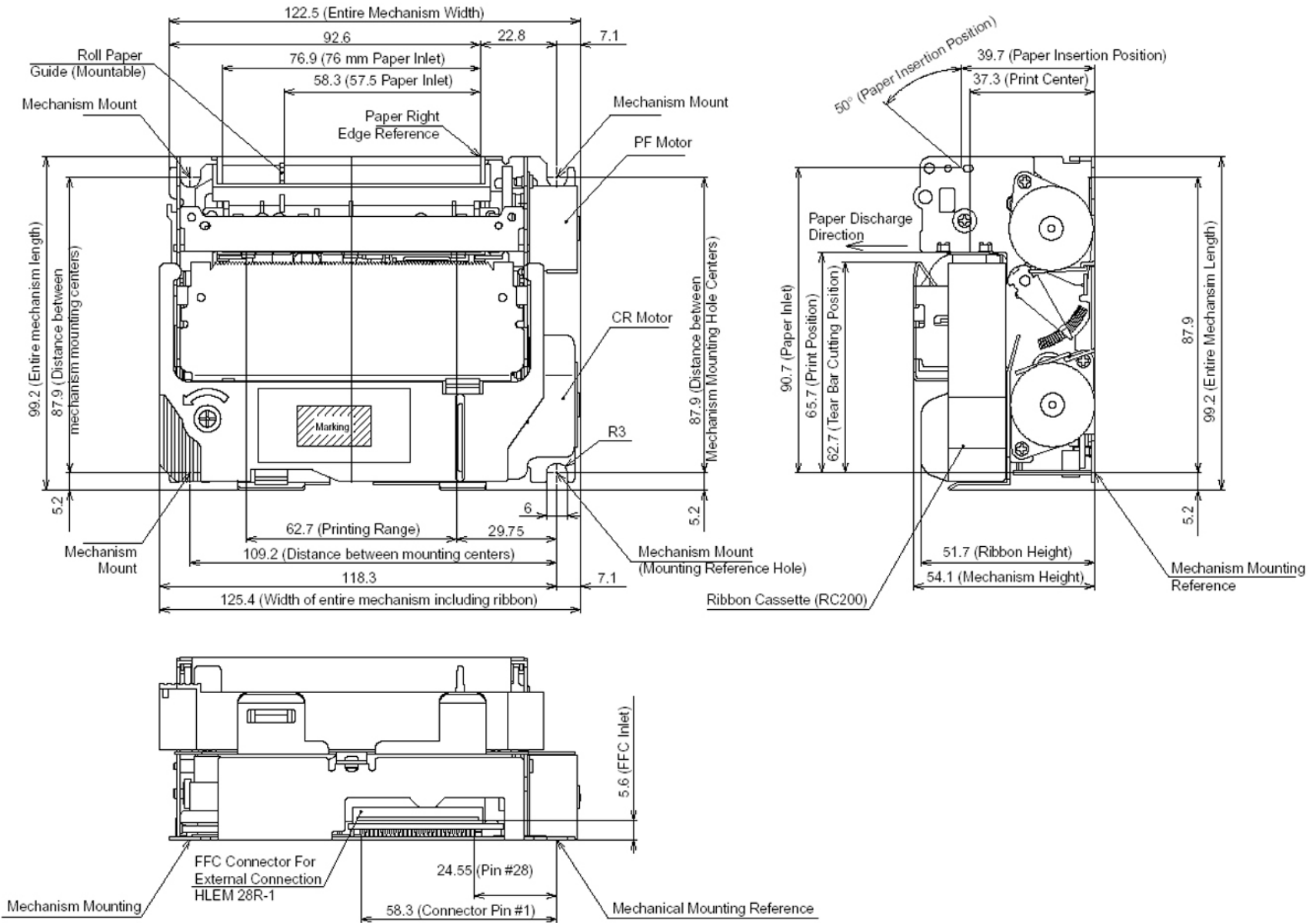
### Specifications

<b>Print Speed</b>	Over 4 LPS @ 42 Columns Approx. 8 LPS @ 16 Columns
<b>Paper Width</b>	76 ± 0.5 mm/57.5 ± 0.5 mm
<b>Print Width</b>	76 mm paper – 63 mm 58 mm paper – 45 mm
<b>Resolution</b>	9-Pin Print Head (210 Dots/Line)
<b>Print Columns</b>	42, 30
<b>Character Size</b>	7 x 9, 5 x 9
<b>Reliability</b>	22 Million Lines (MCBF)
<b>Multiple Copies</b>	Original + 2
<b>Operating Voltage</b>	24V DC, 5V DC (sensors)
<b>Control Board (Option)</b>	BD500-24
<b>Input Buffer Size</b>	4 KB

### Part Numbers

<b>Printer Mechanism – MP512MB-24A</b>	39040000
<b>Control Board – BD500-24</b>	39205000
<b>Flat Cable 28x105</b>	30722040
<b>Power Cable – Cable Unit 4x510C BD3</b>	80703420
<b>Interface Connector</b>	5320-26A (Molex)
<b>Ribbon Cassette – RC200P (Purple)</b>	30981020
<b>Ribbon Cassette – RC200B (Black)</b>	30981120

# MP500 External Dimensions



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