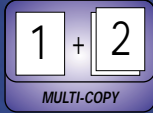


Compact, High Performance Mechanisms

# MP400/MP500 Series



## *The Specialist Series*

POINT OF SALE PRINTERS  
MEETING THE MARKET'S NEEDS



# MP400/500 Series

**MP512 - Tear Bar Version**  
76/58mm paper width

**MP412 - Tear Bar Version**  
58/45mm paper width

This series of newly designed logic seeking POS/ECR matrix mechanisms must be the fastest and most reliable available today with black mark / paper end sensors as well as adjustable paper widths.

★ **HIGH PERFORMANCE, LOGIC SEEKING**  
9-PIN MECHANISMS WITH FULL GRAPHICS CAPABILITY

★ **HIGH PRINT SPEED:**  
MP500 - UP TO 4 LINES PER SECOND  
MP400 - UP TO 5 LINES PER SECOND

★ **FULLY ADJUSTABLE PAPER WIDTHS:**  
MP500 - 76MM / 58MM  
MP400 - 58MM / 45 MM

★ **6 POSITION BLACK MARK OR PAPER END SENSORS AS STANDARD. OPTIONAL 2ND SENSOR AVAILABLE FOR SURFACE OR REVERSE BLACK MARK SENSING**

★ **BUILT-IN TEAR BAR WITH SERRATED EDGE**

★ **VERY HIGH RELIABILITY:**  
9 MILLION LINES MCBF

## MP400/MP500 PRINTER SPECIFICATIONS

Print Method	Serial Impact Matrix Printing	
Print Direction	Bi-directional logic seeking	
Print Speed:		
MP512	Up to 4 lines per second	
MP412	Up to 5 lines per second	
Number of Dots	MP512: 210 dots per line	MP412: 160 dots per line
Number of Columns:		
MP512	76mm paper width = 42	58mm paper width = 30
MP412	58mm paper width = 30	45mm paper width = 24
Max. Print Width:		
MP512	63mm	
MP412	48mm	
Paper Feed Speed:		
MP512	5.5" per second (33 lps)	
MP412	4.5" per second (27 lps)	
Copy Capability:		
MP512	1 + 2 ply	
MP412	1 + 1 ply (1 + 2 available - contact Star for details)	
Paper Specifications:		
Media	Paper rolls	
Width:	MP512	58 / 76mm adjustable
	MP412	45 / 58mm
Thickness:	1 Ply	0.07mm - 0.10mm
	1 + 1	0.05mm - 0.08mm (total 0.14mm max.)
	1 + 2	0.05mm - 0.08mm (total 0.2mm max.)
Weight	52 - 64 g/m <sup>2</sup>	
Paper Sensors	Black Mark / Paper End sensors as standard. Optional sensor available.	
Control Board	BD500	
Control Board Dimensions	107mm x 120mm x 22mm (w x d x h)	
Ribbon:	MP512	RC200B (Black) RC200P (Purple)
	MP412	RC100B (Black) RC100P (Purple)
Supply Voltage	24v DC	
Reliability	9 Million lines MCBF	
Head Life	100 million characters	
Dimensions		
	MP512	127mm x 99mm x 54mm (w x d x h)
	MP412	102mm x 98mm x 54mm (w x d x h) including ribbon

*Note: all specifications are subject to change without notice.*

07/02



MP400 and Control Board BD100



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