

**CRADEN**  
PERIPHERALS  
CORPORATION

**DP8 & DP9**

**DOCUMENT PRINTERS**

**TECHNICAL MANUAL**

P/N 99090

REVISION 8

2/2008

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## WARNING

This equipment generates, uses and can radiate radio frequency energy and, if not installed in accordance with the instruction manual, may cause interference to radio communications. It has been tested with a Class A computing device and has been found to comply with Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to correct the interference.

## RECORD OF CHANGES

REVISION	DATE	ECO's	PAGES AFFECTED	NOTES
1	10/01		ALL	Initial Release
2	11/02		ALL	Add DP9
3	06/03		1, 6, 7, 12-15	Fast Draft speed
4	01/04		1-3, 6-9, 16, 17, 22, 30, 32 40, 41, All Tech Dwgs.	Updated
5	09/04		1, 4, 7, 8, 26, 30, 34, 37, 38, 41 Several Tech Dwgs.	Add edge sensing, Updated
6	02/06		3, 4, 7-10, 20, 25, 27-29, 31-33, 37, 38, 39 Several Tech Dwgs.	Updated
7	07/07		ALL	<u>Updated</u>
8	02/08		1	Added ENERGY STAR® qualified printer



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## DP8 & DP9 DOCUMENT PRINTERS - FUNCTIONAL SPECIFICATIONS

### 1.1 Print Characteristics

Print Method	24-wire dot matrix impact, automatic thickness compensation			
Print Spacing	5, 6, 8.5, 10, 12, 17, 20 and 24 chars/inch			
Fonts	96 char. ASCII, international character set Windows True Type & graphics			
Print Speed (chars/second)	Characters/inch	Correspondence	Normal	Draft
	10	75	150	225
	12	90	180	270
Dot Graphics (dots/inch)	60,120,180, 360 horizontal; 72, 180 vertical			
Feed Speed	50 mSec. single line feed at 5 or 6 lines/inch 12 inches/second (305 mm/sec) slew speed			
Feed Accuracy	+/- 0.6%			
Ribbon	Cartridge life DP8: 3 million characters, DP9: 5 million characters			

### 1.2 Document Characteristics

Media	Single sheets, multipart forms (up to 6 parts), passbooks & envelopes		
Print Line Width	DP8: 5.6" (142mm), DP9: 8.2" (208mm)		
Form Width	2.5" (64 mm) to 6.5" (165mm) in DP8 or 9.7" (246mm) in DP9 DP8: wider forms printable in landscape mode		
Form Height	2.5" (64 mm) minimum, no maximum		
Form Thickness	0.0035" (0.09 mm) to 0.062" (1.57 mm)		
Non-printable areas	Top of form	0.16" (4.1mm)	
	Above horiz. fold	0.38" (9.7mm)	
	Below horiz. fold	0.30" (7.6mm)	
	Bottom of form	0.45" (11.4mm)	
	Vertical fold/edge	0.25" (6.4mm)	

### 1.3 Interface

Standard Serial Command Sets	RS-232, 1200-38400 baud, 11KB buffer, dual ports on DP9
Protocols	IBM Proprinter/4722, Unisys and Craden
Optional	DTR, Xon/Xof
Power Input	USB port, Parallel port
	100-240 VAC, 43-63 Hz, 80 W max.

### 1.4 Physical Characteristics

Dimensions	DP8: 10.6" (269mm) wide, 7.2" (183 mm) deep, 7" (178 mm) high DP9: 13.8" (351mm) wide, 9.8" (249mm) deep, 7.2" (184mm) high
Weight	DP8: 11 pounds (5 kg) + 1.3 pounds (0.6kg) packing DP9: 14.4 pounds (6.5 kg) + 3.4 pounds (1.5 kg) packing

### 1.5 Environment & Standards

Operating	10 to 40° C, 10 to 90% humidity
Storage	-30 to 70° C, 5 to 95% humidity
Standards	UL 1950 & Canadian UL Listed FCC 20780 Class A certified IEC 950 & CE certified ENERGY STAR® qualified printer



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