
QMS[®] 1660E

Print System

Reference



1800384-001B

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Glossary

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1

Introduction

In This Chapter...

- About this manual
- Typographic conventions

Introduction

Introduction

This manual provides information you may need only once in a while. Use it in conjunction with your other QMS 1660E Print System documentation.

This chapter gives you a brief overview of this manual.

About This Manual

The information in this manual is divided into the following sections:

1 Introduction	Provides an overview of the manual.
2 Print Media	Lists print media sizes, margins, and imageable areas and provides media storage information.
3 Professional Printing	Discusses typographic terms, displays the printer's typefaces, and provides some page design tips.
4 Printer Configuration	Explains the methods of configuring the printer, demonstrates how to use printer control panel, and provides a complete discussion of the configuration menu.
5 Additional Technical Information	Discusses printer-host communication, memory terms and configuration, end job mode, IEEE 1284 bidirectional parallel interface modes, PS Protocol, HP-GL color encoding, and PCMCIA card slots.

About This Manual

6 Printer Options	Describes how to install and use additional paper cassettes, a paper feeder, and a paper cassette supporter; font, emulation, and security cards; memory upgrades (SIMMs); an Intellifont font SIMM; 1200x1200 dpi resolution daughterboard; LocalTalk and network interfaces; an IDE-SCSI hard disk drive board, an internal IDE hard disk, an internal Kanji font IDE hard disk, and external SCSI hard disks.
A QMS Customer Support	Provides world-wide product sales and support telephone numbers and describes how to communicate with QMS through the QMS Bulletin Board, CompuServe, the Internet and Q-FAX.
B Technical Specifications	Provides technical specifications for the printer and lists available supplies and replacement parts.
C Document Option Commands	Lists printer-supported Document Option Commands (DOCs), provides updated HP PCL 5 terminology, and discusses updated DOCs.
D Notices	Lists manual and legal notices.
Glossary	Defines commonly used terms.
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About This Manual

Typographic Conventions

The following conventions are used throughout this manual:

Mixed-Case Courier	Text you type, and messages and information displayed on the screen
<i>Mixed-Case</i> <i>Italic</i> Courier	Variable text you type; replace the italicized word(s) with information specific to your printer or computer
UPPERCASE COURIER	Information displayed in the printer message window
lowercase bold	PostScript operators and DOS commands
<i>lowercase</i> <i>italic</i>	Variable information in text and PostScript variables
UPPERCASE	File and utility names
↵	Press the Enter key (PC) or Return key (Macintosh)
^	Press and hold down the Ctrl key (PC)

» **Note:** *Notes contain tips, extra information, or important information that deserves emphasis or reiteration.*

▲ **Caution:** *Cautions present information that you need to know to avoid equipment damage, process failure, or extreme annoyance.*

⚠ **WARNING!** *Warnings indicate the possibility of personal injury if a specific procedure is not performed exactly as described in the manual.*

ACHTUNG! *Bitte halten Sie sich exakt an die im Handbuch beschriebene Vorgehensweise, da sonst Verletzungsgefahr bestehen könnte.*



2

Print Media

In This Chapter . . .

- Media sizes, margins, and imageable areas
- Media storage

Introduction

This chapter lists the media sizes and imageable areas supported by the QMS 1660E Print System, and then provides information on selecting and storing media.

Media Sizes, Imageable Areas, and Margins

Your printer supports media in a number of sizes. Each media size has a certain guaranteed imageable area. Some media sizes also have an enhanced image-area.

-
- ▲ **Caution:** *The media size must match the cassette size. Since the cassette sends a size signal to the printer controller, using the wrong size media will cause your image to be positioned incorrectly on the page or clipped. You may purchase additional cassettes from your QMS vendor.*
-

Guaranteed Imageable Area

The guaranteed imageable area is the area on which the printer is guaranteed to print clearly and without distortion. This area is subject to both hardware limits (the physical media size and the margins required by the printer) and software constraints (the amount of memory available for the full-page frame buffer).

**Media Sizes,
Imageable
Areas, and
Margins**

The following table lists the size, guaranteed imageable area, and feed edge (the edge of the media drawn into the printer first) of all supported media:

Media	Media Size		Imageable Area		Feed Edge
	Inches	Millimeters	Inches	Millimeters	
11x17 12x19	11.00x17.00 11.70x19.50	279.40x431.80 297.18x495.30	10.69x16.66 11.37x19.16	271.61x432.17 288.80x486.66	Short Short
A3	11.69x16.54	296.93x420.12	11.38x16.20	289.22x411.48	Short
A4	8.27x11.69	210.06x296.93	7.92x11.38	201.38x289.22	Long
A5	5.83x8.27	148.09x210.06	5.48x7.96	139.32x202.18	Long
A6/Postcard	4.13x5.85	104.90x148.59	3.82x5.50	97.19x139.82	Short
B4	10.12x14.32	257.05x363.73	9.81x13.98	249.26x355.09	Short
B5	7.16x10.12	181.86x257.05	6.82x9.81	173.23x249.26	Long
B6	5.06x7.17	128.52x182.12	4.74x6.82	120.56x173.35	Short
Executive	7.25x10.50	184.15x266.70	6.94x10.16	176.44x258.06	Short
Full Ledger	11.70x17.40	297.18x441.96	11.37x17.16	288.80x435.86	Short
Legal	8.50x14.00	215.90x355.60	8.18x13.66	207.94x346.96	Short
Letter	8.50x11.00	215.90x279.40	8.16x10.69	207.26x271.61	Long
Universal	11.70x17.00	297.18x431.80	11.38x16.66	287.02x429.26	Short

Working Within the Guaranteed Imageable Area

The guaranteed imageable areas for print media on your QMS 1660E Print System are not centered vertically on their respective pages and may vary ¹/₁₆" (1.6 mm). You can align the image in several different ways:

- Adjust the margins or page size through your application.
- Use the printer's control panel (Administration/Engine/Image Alignment menu).
- Use the PS Executive Series Utilities. See the on-line help for instructions.
- Use the PostScript **translate** and **scale** operators to reduce image size and change its placement on the page.

