IJ-7100 Ink-Jet Transaction Printer

Printer Mini-Driver Installation Guide

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Notices: Subject to change without notice.
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Table of Contents

1   Introduction

The IJ-7100 series of Ink-Jet Transaction Printer are modern, high-reliability transaction printers designed for use in financial, POS and other applications. The printers are available with serial and USB interfaces standard.

This document provides instructions describing how to add USB print driver support for the IJ-7100 to a Windows XP/Vista based computer. Only Windows XP/Vista support is given, however the drivers should work fine in most Windows 2000 applications.

Figure 1.1   Addmaster IJ-7100

1.1 Documentation

Other available documentation concerning the Addmaster IJ-6080 series printers is:

- *IJ-7100 Ink-jet Transaction Printer Specification*
- *IJ-7100 Ink-jet Transaction Printer User's Guide*
- *IJ-7100 Ink-jet Transaction Printer Flash Programming Guide.*

Contact the factory for these documents.

1.2 Emulations and Printer Models

There are various setup options for the IJ-7100 series printers. These setups provide various features peculiar to specific applications. Contact the factor for more information.

For each printer, Addmaster makes available various emulations. These emulations make the printer operate and communicate similar to other existing printers. These emulations are intended for applications where existing software is designed to communicate with a particular printer.

The printer drivers provided on this diskette will work only with Addmaster standard printer emulation and not with any other emulations. Contact the factory if there are any questions.

1.3 Supplies and Ordering Information

Documentation and supplies may be ordered directly from the factory. Contact Addmaster at:

> Addmaster Corporation
> 225 E. Huntington Drive
> Monrovia, CA 91016
> USA
>
> Phone: (626) 358-2395
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> Web: *www.addmaster.com*

2   Installation For Windows XP

2.1 Overview

Follow the step-by-step instructions in this Section when installing the software driver for Windows XP machines. Installation consists of these steps:

1. Preparing the IJ-7100 printer and the computer for installation.
2. Installing IJ-7100 series printer driver.
3. Verifying Driver Installation.
4. Setting up printing defaults.
5. Setting up communications defaults.
6. Testing the setup.

2.2 Step 1 - Preparation

Prepare for installation by collecting software and documentation:

1. Have a copy of these instructions handy for reference.
2. Have the installation diskette containing the printer drivers handy. Copy the files to a new directory on your PC. We suggest something you can remember. Perhaps:

    - c:\Addmaster
    - c:\ij7100drivers

3. Turn-off the IJ-7100 printer.
4. Connect USB cable to computer.
5. Connect USB cable to IJ-7100 printer. Leave power off.

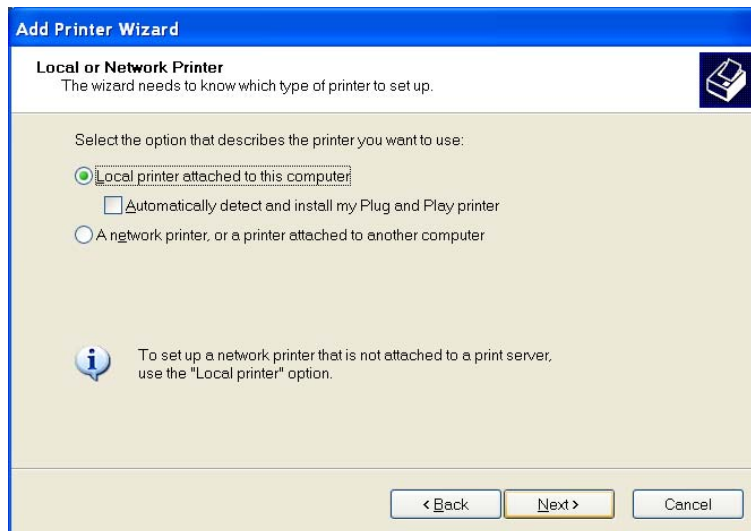## 2.3 Step 2 - Installing IJ-7100 Print Driver

This step involves loading the printer driver responsible for composing the printer commands that are required to control printer operation, font selection, graphics imaging, and other like functions. The output of the printer driver is transmitted to the IJ-7100 printer via the USB or serial ports.

1. Open the Printers folder. Click {Start, Settings, Printers}.

_____

2. Select "Add Printer". Windows will display the Add Printer Wizard. Click "Next" to begin.
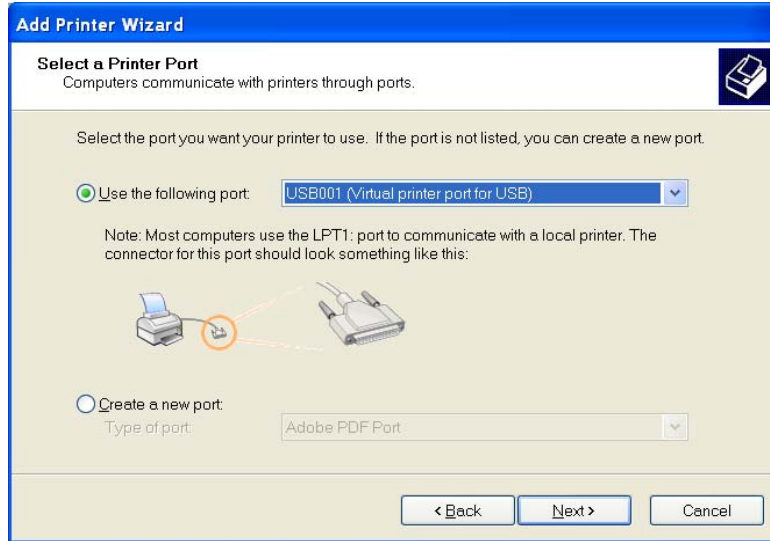

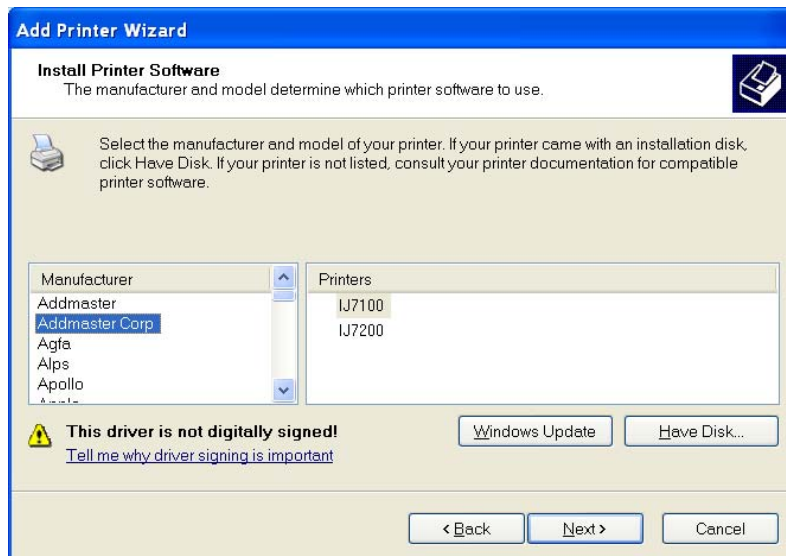3. Choose "Local Printer," uncheck "Automatically detect," and click "Next."

4. You will be asked which port the new printer will be connected to. Select the USB00n Virtual printer port. You may have more than one virtual port. Connect to the latest. Click "Next."
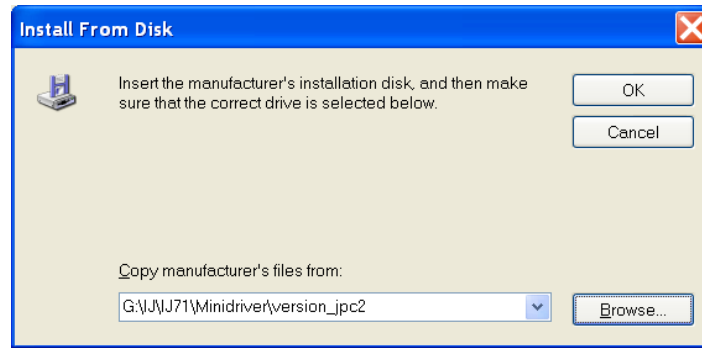
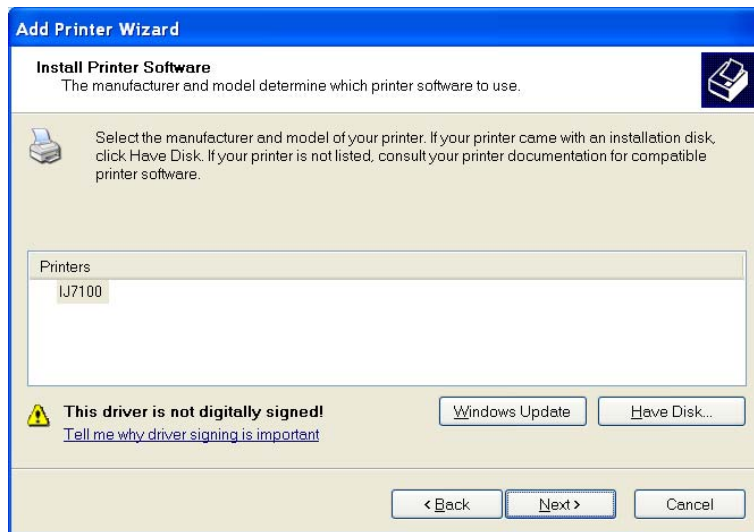   *If connecting the printer to the serial port instead, Select the proper serial port.*

5. Select "Have Disk" when prompted for printer make and model. Even if you have previous installed IJ7100 printer drivers, select "Have Disk" as you will be installing new drivers and not reinstalling older drivers.
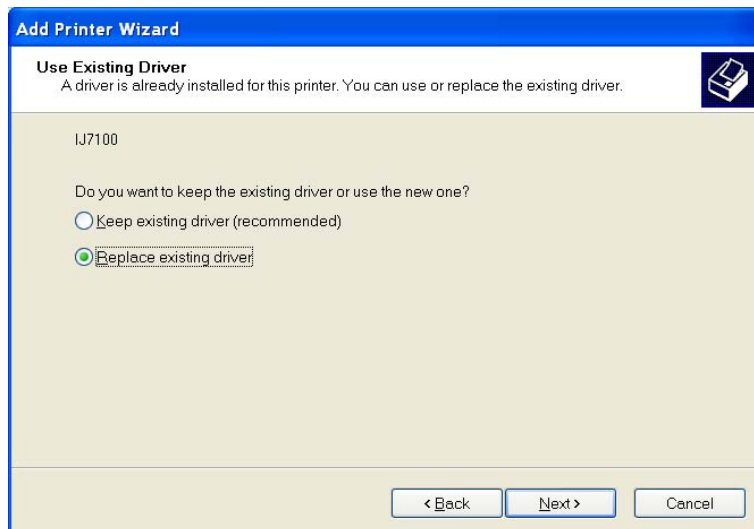

6. When asked to insert driver disk, use the "Browse" button to select location of driver directory. This is the directory where you stored the drivers initially. In the example below, the directory "g:\ij\ij71\minidriver\version_jpc2" is where we stored the drivers. Click "OK."
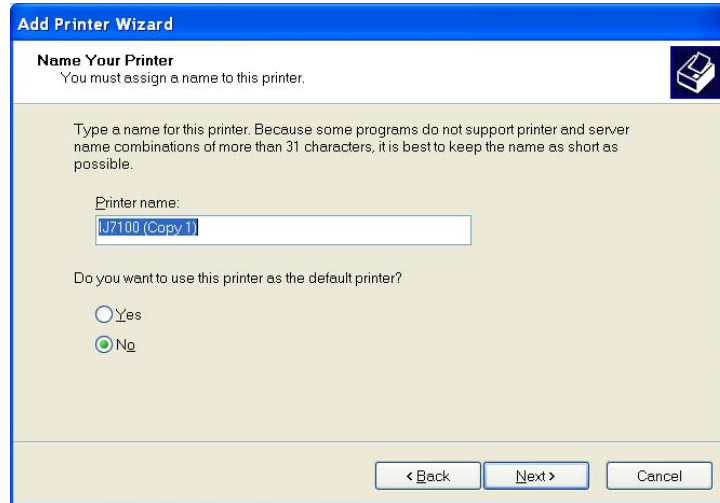
7. The Wizard will display the name of the printer type for which installation files were found.
    Highlight the "IJ7100" printer. Click "Next."

8. If you are asked to "keep" or "replace an existing driver, select "Replace existing driver"
    and click "Next".

9. You are allowed to rename the printer. This is not recommended. Please leave it as IJ7100 unless otherwise instructed. Click "Next".

10. You may if you wish choose to print a test page. This is not necessary nor recommended. Click "Next".

11. The copy process will continue. A screen indicating completion will appear as shown below. Click "Finish."
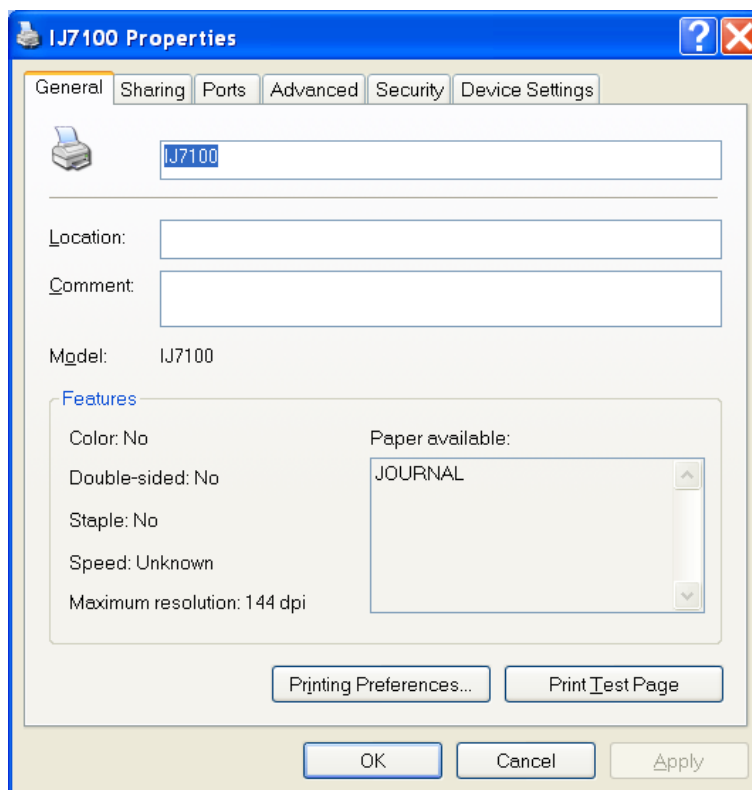
12. When informed the driver has not been tested by Microsoft, click "Continue Anyway."
Don't worry, we have tested it. You are done.
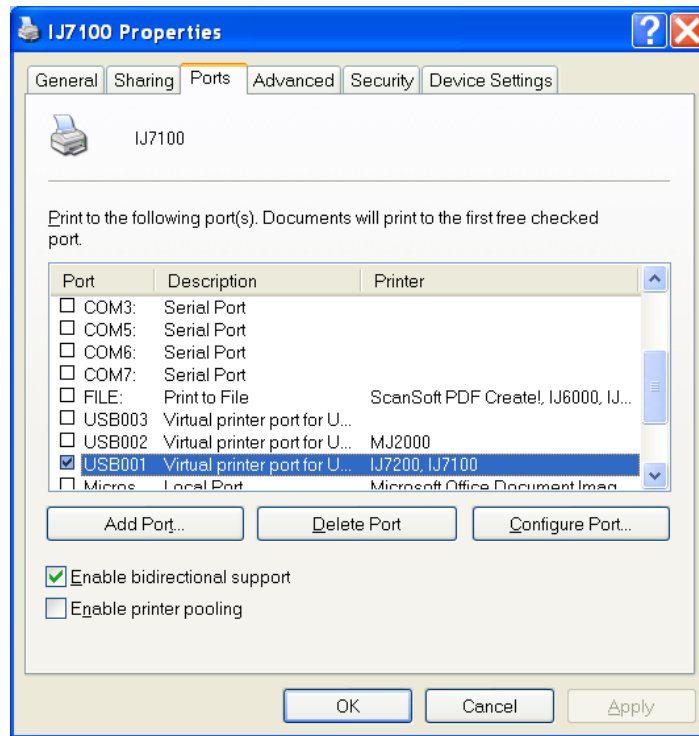
2.4   Step 3 - Driver Installation Verification

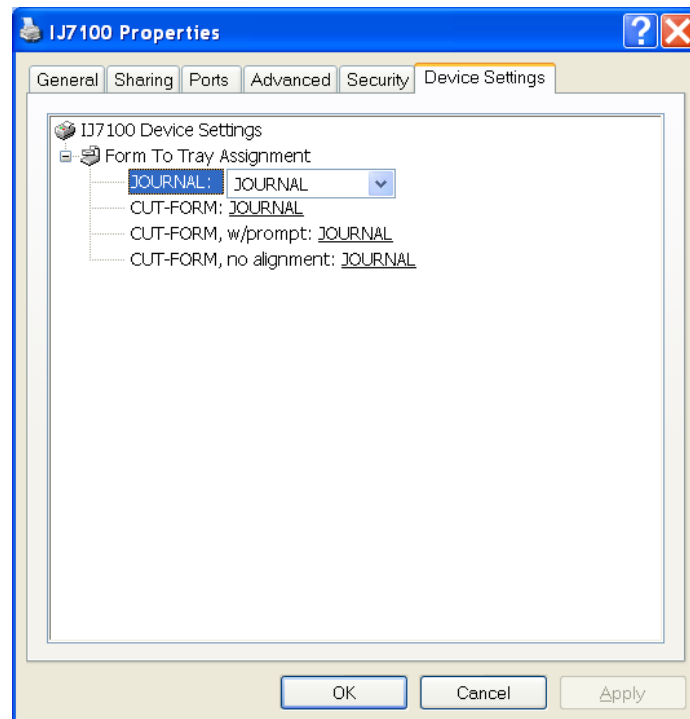If you want to verify that the driver is loaded properly, follow these steps:

1. Open the Printers folder. Click {Start, Settings, Printers}.
2. Right Click on the IJ7100 Printer and select "Properties"
3. The Properties screens should appear. Check that they match the following. If they do not, modify them as shown.
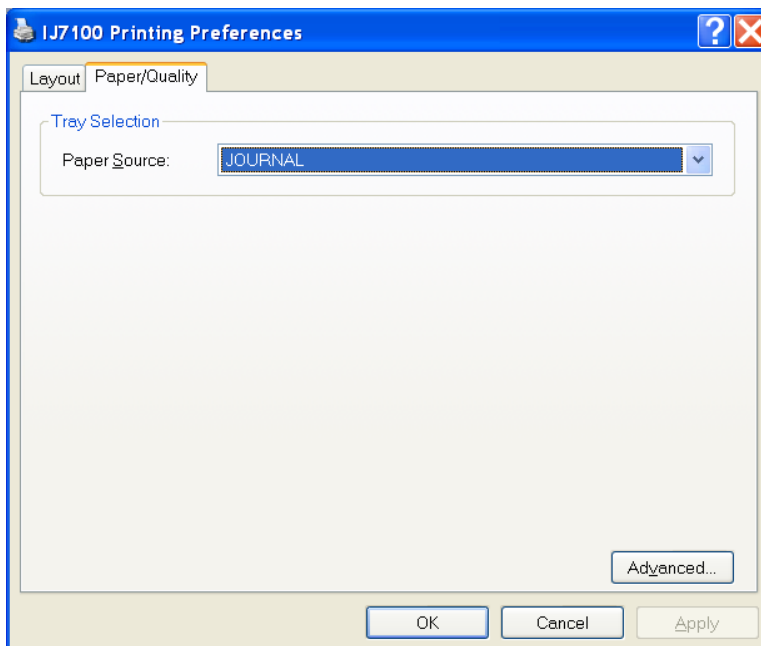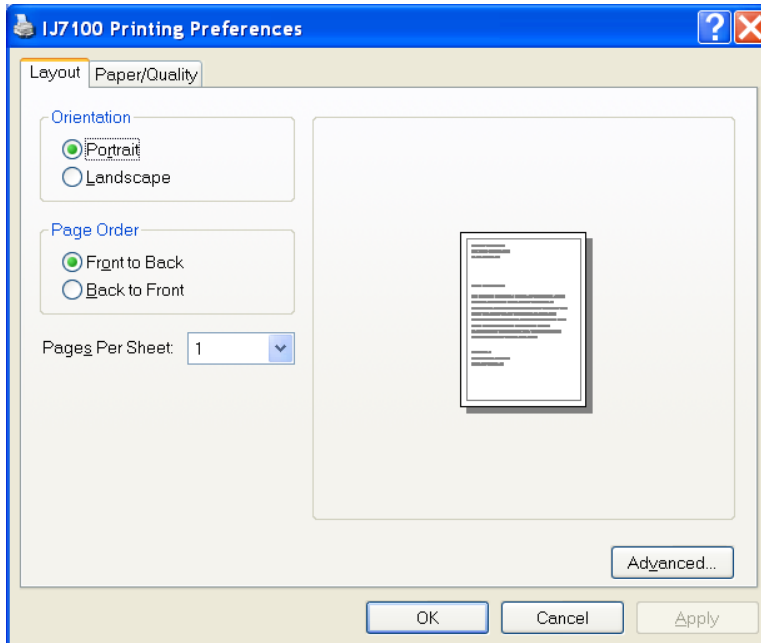

Properties: General Tab
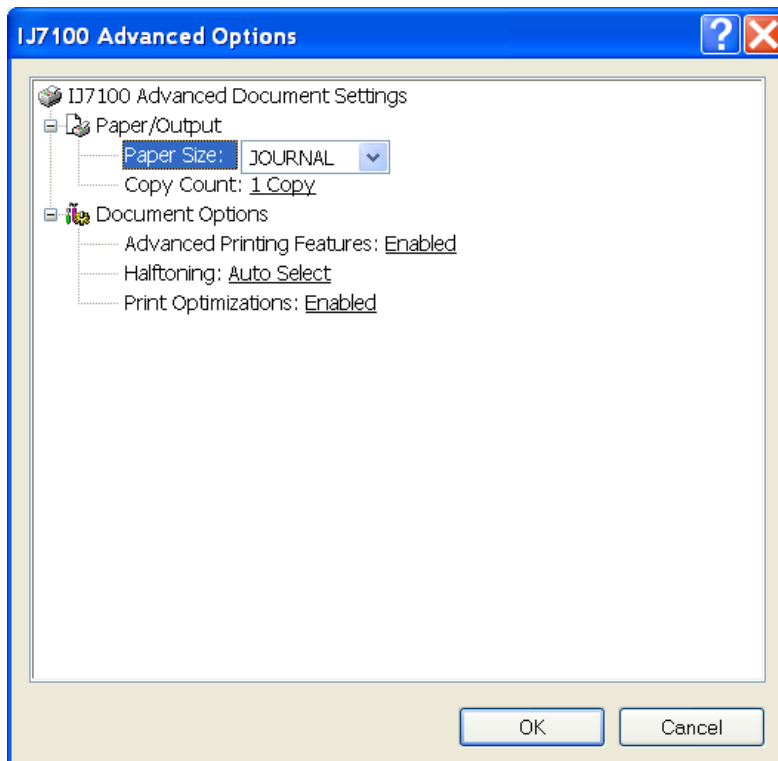
Properties: Ports Tab

Properties: Device Settings Tab

2.5 Step 4 - Setting Printing Defaults

This step involves setting the default parameters concerning printing functions. Navigate to the General Tab under the IJ7100 printer properties. Hit the "Printing Preferences" button. Check that the settings appear as follows, or as you application requires.
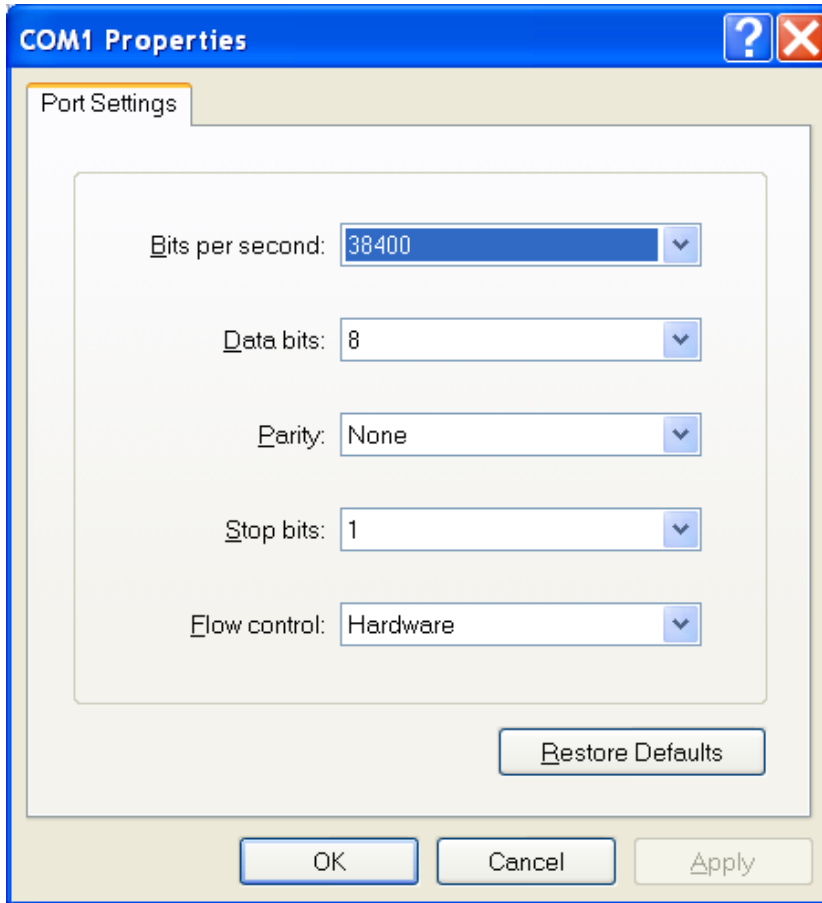
Hitting the "Advanced…" button produces this screen.

2.6 Step 5 - Setting Communications Parameters - Serial Port Only

This step involves setting the port parameters if you are using the serial COM port. Navigate to the Ports Tab under the printer properties. Select the proper COM port number if this is not already done. Then hit the "Configure Port" button.

Recommendations on setting the baud rate (Bits per second):

- For compatible use in IJ-6080 existing application, select 9600.
- For use in new environments or application requiring graphics printing, select 38400.

Assure that the baud rate is set similarly on the IJ-7100 printer. This baud rate is set by DIP switch.

- DIPSW #3 = OFF sets 9600 baud (factory setting).
- DIPSW #3 = ON sets 38400 baud.

2.7 Check Out & Test

You can now choose to print a "Test Page" at the driver printer properties screen. The test page may print either on the journal or the cut-form depending on the default paper source you have chosen. If the test page is for the form, the "FORM" led light on the printer will illuminate.

If the test page fails to print properly check these items:

   a) If multiple "USBnnn Virtual Printer Ports" appeared for the IJ-7100, try another one and repeat the test.
   b) Check printer DIP switches and assure they appear in the default state.
   c) Make sure paper is loaded and the "READY" led is illuminated.

NOTE:
   Test Page may be abbreviated. The IJ-7100 printer has a maximum print field of 2.75 inches in width and 10 inches in length.

2.9 Windows XP Diskette Contents

The following files are distributed for Windows XP applications.

File Name	Use
IJ7100_minidriver_rev1.pdf	Installation instructions. This file.
Oemsetup.inf	Setup information for the printer driver.
IJ7100.dll	Printer driver.
IJ7100.gpd	Printer driver.

3   Document Revision Information

Revision	Date	Changes / Modifications
1	02-25-2009	Initial release in PDF format.