



# One-time setup configuration for Duplo DC-648 finisher integration with Fiery Impose

Fiery FS600 Pro / FS600

**Duplo**





## Feature overview

Fiery® Impose is the most intuitive PDF-based sheet imposition software on the market. Tight integration with Fiery Command WorkStation®, makeready software, and prepress tools helps automate print job submission.

Fiery Impose templates allow users to save the most common job layouts to automate the imposition process. Templates can also include barcodes and registration marks. These are recognized by the barcode scanner in Duplo finishing equipment using the \* JobID \* format.

The barcodes and registration marks instruct the Duplo finisher on how to position blades, cutters, and creasers to finish the document.

Integrating Fiery Impose with Duplo finishers brings dramatic productivity gains to job preparation and finishing by automating the process. This saves time plus minimizes waste and errors.

This how-to provides a simplified one-time setup integration between Fiery Impose and the Duplo DC-648 Slitter/Cutter/Creaser nearline finisher.

## Objectives

- 1) Configuration on the Duplo PC Controller Windows computer
  - a) Folder and permissions configuration for finishing integration on Windows
  - b) Configuration on the Duplo PC Controller application
- 2) Configuration on the Fiery Command WorkStation v7.0 and above application

## Additional resources

This configuration must be done before using the next How-To Guide: **Automate offline finishing with Duplo DC-648 finisher.**

For additional software downloads, training resources, and more, go to [Fiery Online Resources](#).





## Before you begin

- Open **Fiery Command WorkStation 7.0** or later and connect to at least one Fiery server running **Fiery FS200** or newer.
  - Check the Fiery server system version in **General Info** of the **Device Center** area.
  - Check the current Fiery Command WorkStation version using the **Fiery Software Manager**.
- **Note:** If your Fiery Impose is enabled using an OLD Fiery Impose USB security dongle (last sold in 2012), the Fiery Impose Dongle will NOT work with Command WorkStation v6.6 and above. You must upgrade/replace your Fiery USB Impose dongle with a Fiery Impose License Activation Code (LAC), please contact your Fiery reseller.

**Important note: Before installing the Duplo PC Controller on the local computer, it is necessary to uninstall any antivirus software located on it.**

- Have the **Duplo DC-648 PC Controller** installed and configured in the same network that the Fiery server is connected.
  - **Note:** You may need to disable or configure your network firewall settings to access the Controller.
- Use the Duplo DC-648 PC Controller v1.04 or later. Verify the version on the top header of the Controller Software.
- Verify the current Main and Panel PCB versions on the main unit:
  - Main PCB 1.03 or later
  - Panel PCB 1.03 or later
- Ensure that the printer and Fiery server have been calibrated before printing any output.
- Ensure the front and back side alignment is achieved for test prints based on your printer specification.



## 1.) Configuration on the Duplo PC Controller Windows computer

### a.) Folders and permissions configuration for finishing integration on Windows.

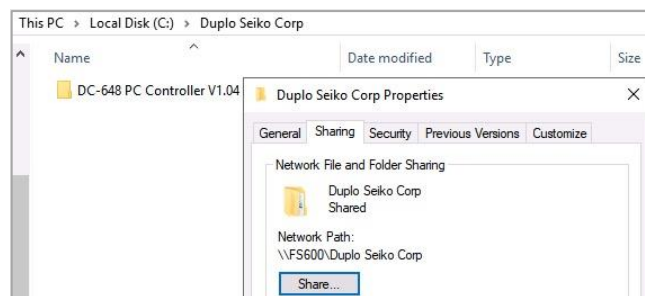
**Note:** While the Duplo PC Controller application can be installed on a local C: drive or any other folder located on a computer within the same network, this guide will refer to the installation process specifically in the context of the local C: drive for simplicity.

Keep in mind that alternative installation locations within the network may require additional configuration or credentials, as applicable.

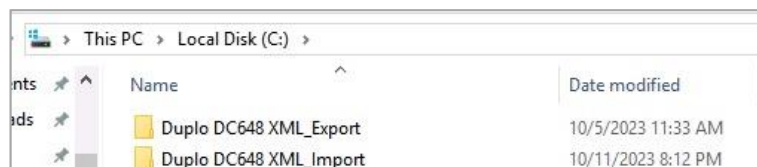
1. Locate the folder '**Duplo Seiko Corp**' on C: drive.



2. Locate the folder '**DC-648 Controller V1.04**' or a newer version folder.

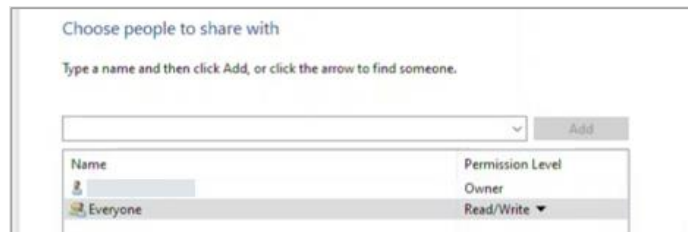


3. Share this folder using **Advanced Sharing** permissions with '**everyone**' user and change permission to '**Read/Write**'.
4. Locate the folders '**Duplo DC648 XML\_Import**' and '**Duplo DC648 XML\_Export**' on C: drive.



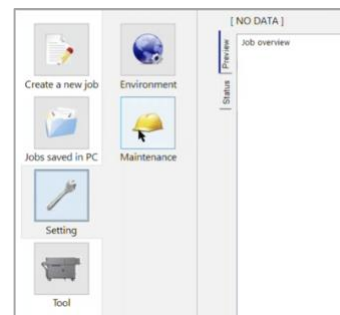
**Important Note:** These two folders may have already been automatically created there. Otherwise, you will need to create them manually. You must create two separate folders. One for the **Import** and one for the **Export** files on your C: drive. **Don't just use a single folder to manage these files.** After created you will need to share them with 'everyone.'

5. If needed create a new folder on **C: drive** for '**Duplo DC648 XML\_Import.**'
6. If needed create a new folder on **C: drive** for '**Duplo DC648 XML\_Export.**'
7. Check if the '**...Export**' XML folder is shared for '**everyone**' user and change the permission to '**Read/Write.**' If it is not Share it with '**everyone**' user and change permission to '**Read/Write.**'
8. Again, do the same verification for the '**...Import**' XML folder. In case it is not already shared, Share it with '**everyone**' user and change permission to '**Read/Write.**'

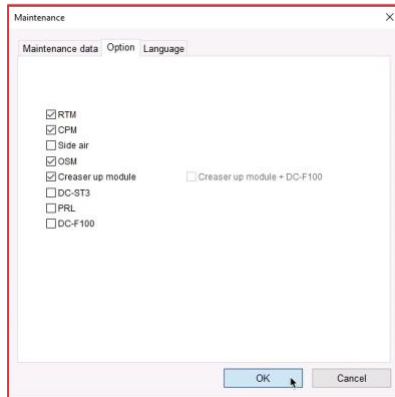


## b.) Configuration on the Duplo PC Controller application.

1. Select the '**Setting**' icon.
2. Select the '**Maintenance**' icon.
3. Enter the password 630304 and click on the **Yes** button.
4. In the Maintenance window switch to the '**Option**' tab.



5. Select the **checkbox** options: '**RTM**,' '**CPM**,' '**OSM**,' and '**Creaser up module**.'



**RTM:** Rotary Tool Module allows for full or partial perforation and scoring vertically along the sheet.

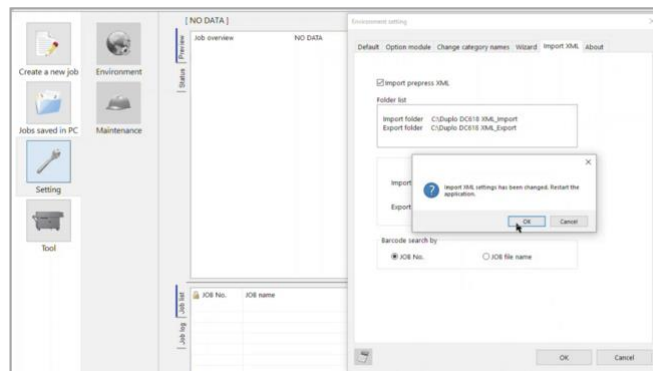
**CPM:** Cross Tool Module allows for full or partial perforation or scoring horizontally across the sheet.

**OSM:** Optional Slitter Module provides up to 8 slits per sheet in combination with standard slitter modules.

**CRM:** Creaser Up module allows crease up (mountain), in addition to standard crease down (valley) horizontally across the sheet.

6. Press **OK** to confirm.

7. Select the '**Environment**' icon in the '**Setting**' area.



8. In the **Environment** window change to the '**Import XML**' tab.
9. Then select the '**Import Prepress XML**' checkbox option.
10. And click on the '**Select folder**' button for the '**Import folder**' option.
11. Locate the folder '**Duplo DC648 XML\_Import**' on the **C: drive** and click '**OK**' to confirm.
12. Do the same for the **Export folder** option, select the '**Export folder**' button.



13. Locate the folder '**Duplo DC648 XML\_Export**' on the **C: drive** and click '**OK**' to confirm.
14. Then click on the '**OK**' button to **exit** the Environment window.
15. A new message window will appear asking to confirm that the XML settings have been changed and the application needs to Restart.
16. Click on the '**OK**' button to confirm.

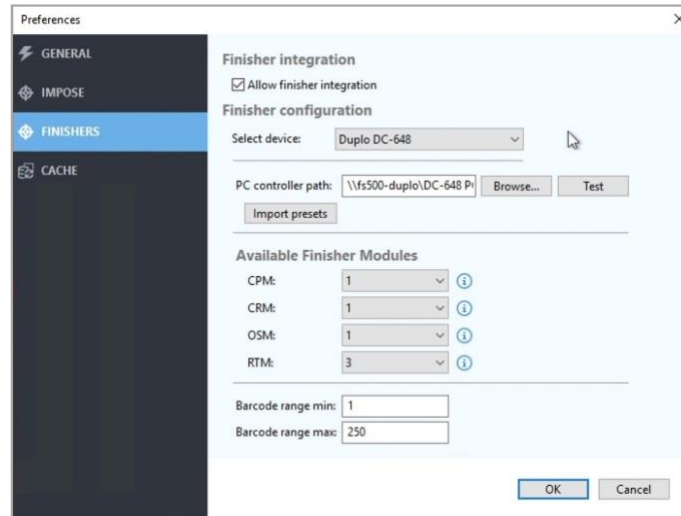
## 2.) On the Fiery Command WorkStation application

**Note:** Before working with jobs, you need to decide whether to program in MM or INCHES. As of the release of Command WorkStation v6.6 the Duplo Template Creation features in Fiery Impose require the global Command WorkStation setting for MM or Inches to be set under the PREFERENCES of Command WorkStation. (CWS > Edit > Preferences > Region > Measurement units).

### Fiery Command WorkStation version 7.0 and later

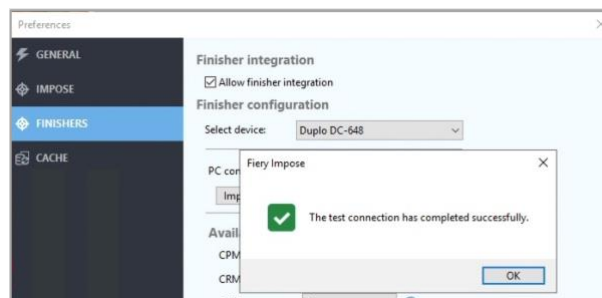
1. **Right click** on any job on the '**Held**' queue and select the '**Impose**' option from the context menu.
2. In the **Fiery Impose** window:
3. Select the '**Edit**' menu.
4. And then select the '**Preferences...**' option.
5. Choose the '**Finishers**' tab from the left.
6. Select the '**Allow finisher integration**' checkbox.
7. Click on the '**Select devices**' drop-down menu and select '**Duplo DC-648**' from the list.
8. Click on the '**Browse...**' button near to the '**PC Controller Path:**' field and locate the Duplo DC-648 PC Controller shared folder in your computer. The same '**Duplo Seiko Corp /DC-648 Controller V1.04**' folder located in the C: drive that was shared earlier.





9. Click on the '**Select Folder**' to confirm and exit the window.
10. Fiery Impose will test the folder and if it is correct, you should see a window saying, '**The test connection has completed successfully**', and click on the '**OK**' button to finish.

If the '**Successfully...**' message window is not automatically displayed, **click** on the '**Test**' button to test the connection between them.



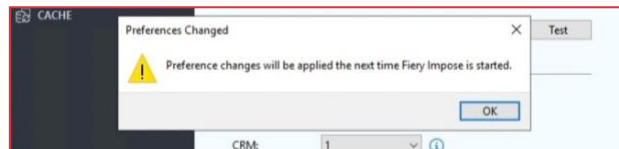
11. The **CPM**, **CRM**, **OSM**, and **RTM** modules devices configuration options here are used to define the number of Crease, Perforation, Slits, and Fold available at the Duplo DC-648 for use.  
Enter the following values: **CPM = 1**, **CRM = 1**, **OSM = 1**, and **RTM = 3**.

The Barcode range fields are used to define the minimum and maximum number range that will be available for the barcode for a specific DC-648.



**Note:** Make sure that the barcode ranges match the range configured on the DC-648 Unit. You will not be able to create a new finisher layout if the DC-648 unit does not match.

12. To finish the preferences configuration, click the **OK button**.
13. A new message window shows '**Preferences changes will be applied the next time that Fiery Impose is started.**' Click on the '**OK**' button to confirm.



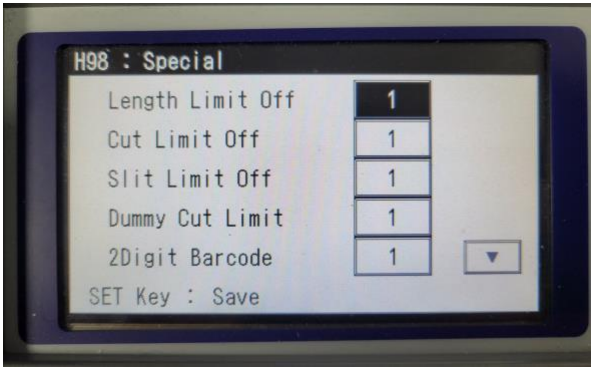
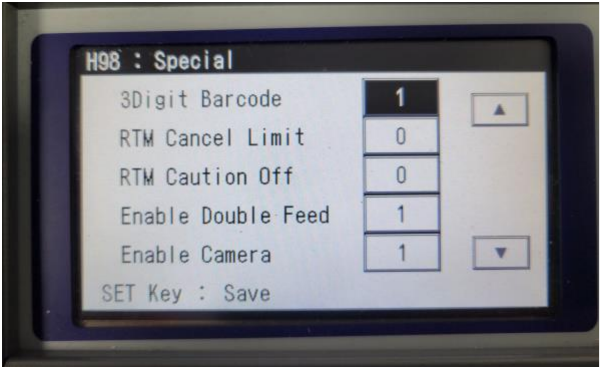
14. Then **close** the Fiery Impose window.

Now you can start to create a new **Finisher Preset** for the **Duplo DC-648** using **Fiery Impose**.

## On the Duplo DC-648 Control Panel

Make sure that both 2 Digit Barcode and 3 Digit Barcode are enabled on the DC-648 unit.

- On DC-648 Main Unit "Service Mode" under "H98 Special" and verify 2 Digit Barcode "1" and 3 Digit Barcode "1" are enabled. By default, 2 Digit Barcode is enabled.





For more information, please visit [fiery.com](https://fiery.com).



Nothing herein should be construed as a warranty in addition to the express warranty statement provided with Fiery, LLC products and services.

ColorGuard, ColorRight, Command WorkStation, ColorWise, Fiery, the Fiery logo, Fiery Compose, Fiery Driven, the Fiery Driven logo, Fiery Edge, Fiery Essential, Fiery HyperRIP, Fiery Impose, Fiery Impress, Fiery ImageViewer, Fiery Intensify, Fiery JobExpert, Fiery JobFlow, Fiery JobMaster, Fiery Prep-it, Fiery Prints, the Fiery Prints logo, Fiery TrueBrand, FreeForm, MicroPress, IQ, PrintMe, RIPChips, RIP-While-Print, Spot-On, Spot Pro, and WebTools are trademarks or registered trademarks of Fiery, LLC and/or its wholly owned subsidiaries in the U.S. and/or certain other countries. All other terms and product names may be trademarks or registered trademarks of their respective owners and are hereby acknowledged.

© 2023 FIERY, LLC. ALL RIGHTS RESERVED.

FTL\_061.10.23