

Fine Line RIP

HP Indigo PrintOS Production Pro



How-to Guide



Legal information

© Copyright 2022 HP Indigo Ltd.

Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

The information contained herein is subject to change without notice.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

HP, HP Indigo Press, HP Indigo Press RIP, and HP Indigo ElectroInk are trademarks or registered trademarks of HP.

Adobe PostScript is a trademark of Adobe Systems Incorporated.

MS Windows and Windows are U.S. registered trademarks of Microsoft Corp.

All other products or name brands are trademarks of their respective holders.

The HP Indigo press' counter feature records the number of impressions you make using your press. The counter does not reflect any previous use of the press or its age.

This English version of this document must be used as the original instructions.

The HP Indigo press is a Class 1 Laser Product containing high voltage power supplies and laser light sources. There is no danger to persons or equipment when the system is operated in accordance with the directions provided by HP in this and other publications. All high voltage power supplies and laser sources are located behind protective covers. Warning labels are attached to each protective cover. Do not remove covers.

In the event of a conflict between the English version and this language version, the English version will prevail.

Part Number: TS10M-00011

Revision 01: June 2022

Table of contents

1 Overview	1
2 DFE Software Configurations	2
Workflow.....	2
Create 1600 DPI Ticket Template.....	2
3 Load a Job Using Fine Line RIP	3
4 Additional Notes	4
Other Resolutions	4
Line Thickness Control and Reduced Line Weight	4
Appendix A Service and support	5
Appendix B Revision History	6
Appendix C Printing instructions	7

1 Overview

This chapter contains an overview of the Fine Line RIP (1600 DPI) tool.

Introduction

The Fine Line RIP (1600 DPI) option improves small solid text quality on HD presses. This new feature creates super-sharp linework and microtext at 0.8 pt (0.2 mm) and enables printing security features, including "small graphic vector" and text elements.



Prerequisites


- HP Indigo Digital Press Authorized for Fine Line RIP
- HP PrintOS Production Pro
 - Software Version: 8.01 for Commercial or L&P
 - One of the following DFE hardware options:
 - Z8 G4 Workstation for Fine Line RIP (Z0C45A)
 - Gen10 Server for Fine Line RIP (Z0C37A)

2 DFE Software Configurations

Complete the following sections to configure the Production Pro software for use with Fine Line RIP:

Workflow

Change the Press Controller to 1600 DPI mode by completing the following steps:

 **WARNING!** These steps will erase all jobs on the Press Controller and the press.

1. Click **System**.
2. Expand *Press Controllers* in left menu and select the Press Controller from the list.
3. Change 1600 DPI to **On**.
4. Click **OK** on any warning messages (press is not mapped).
5. Click **Save**.
6. Click **OK** on message that *IPC database will be reset and all jobs will be deleted*.
7. Click **OK** to restart the Press Controller (server is restarted).

Create 1600 DPI Ticket Template

Follow the steps below to create a ticket template.

1. Click **System**.
2. Click **Ticket Templates**.
3. Select a ticket template (such as *B2_4colors_template*) and click **Duplicate**.
4. Enter a name for the new ticket template and click **Save**.

 **NOTE:** Mark Sets in the Ticket Template should be smaller than 15x600 mm.

5. Select the new ticket template and click **Edit**.
6. Click the **Prepress** tab.
7. Click the **Resolution** setting and select **1600 dpi**.
8. Click **Save**.

3 Load a Job Using Fine Line RIP

Follow the steps below to load a job.

1. Open the HP PrintOS Production Pro user interface and log in.
2. Click **Import**.
3. Select a file to load.
4. Choose the **Fine Line RIP** ticket template created previously.
5. Click **Edit**.
6. Click the **Print** tab.
7. Change the **Line Thickness Control** setting to a desired value. If you are unsure what to select, skip this step and print or preview the job to determine if line thickness should be adjusted.
8. Click **Save**.

4 Additional Notes

Refer to the following additional notes about using the Fine Line RIP tool.

Other Resolutions

You can also process jobs with other resolutions.

- Jobs can be processed at 800, 1200, or 1600 dpi by changing the resolution setting located in the *RIP* tab of the ticket template.
- Jobs processed at 1200 dpi may show in the press' jobs list incorrectly as 800 dpi.
- Jobs processed at 1200 dpi using versions prior to Production Pro 8 will not be able to be imported in Production Pro 8.

Line Thickness Control and Reduced Line Weight

For best results, it is not necessary to adjust line thickness or line weight settings. The default settings are designed for maximum quality.

A Service and support

To obtain service, please contact the customer care center within your country/region:

Table A-1 Customer support by country/region

Location	Telephone number
Europe:	
Belgium:	+32 (0)2 626 4803
France:	+33 (0)1 57 32 41 07
Germany:	+49 (0)69 38 07 89 193
Ireland:	+353 (0)1 656 9760
Italy:	+39 02 69430637
Luxembourg:	+352 (0)24 87 13 98
Netherlands:	+31 (0)20 547 6870
Spain:	+34 9 12757781
UK:	+44 (0)84 5604 7435
APJ:	
Japan:	+81 (0)1 2085 5536
Singapore:	+65 9891 1753
Distribution Channels (DC):	+31 (0)20 654 5543
North America:	1-800-204-6344
Israel:	+972 (0)8 938 1818

Table A-2 HP Indigo Offices Worldwide

North America and Latin America	International	Israel	APJ
HP	HP	HP	HP
Indigo Division	Indigo Division	Indigo Division	Asia Pacific Pte Ltd
5555 Windward Parkway	Krijgsman 75	Kiryat Weizmann	No.3 Tuas Link 4 #02-01
Alpharetta, GA 30004	1186 DR Amstelveen	P.O. Box 150	Singapore 637016
USA	The Netherlands	Rehovot 76101	
		Israel	

B Revision History

The following table provides information about document revisions.

Revision	Date	Revision description
TS1OM-00007 Rev00	May 2022	Initial document
TS1OM-00011 Rev01	June 2022	Changed the P/N from TS1OM-00007 to TS1OM-00011. Changed the copyright year. Changed the image on the front cover.

C Printing instructions

Refer to the information below for printing specifications.



NOTE: To ensure a high quality print, use the TS10M-00011_PRINT.pdf version of this document.

Table C-1 Printing specifications

Specification	Value
COVER	
Paper weight	250 g
Page size	8.27 x 11.00 in (21 x 27.94 cm)
Printing HP Indigo digital press	8.27 x 11.00 in (21 x 27.94 cm)
Simplex/duplex	Front cover - duplex Rear cover - simplex
Color	Full color - high resolution
Coating	Lamination - shiny front and rear covers
INSIDE PAGES	
Paper weight	80 g
Page size	8.27 x 11.00 in (21 x 27.94 cm)
Printing	HP Indigo digital press
Simplex/duplex	Duplex
Color	Full color - high resolution
Coating	None
FINISHING	
Stitch	2 saddle stitch on left side

© Copyright 2023 HP Indigo Ltd.

This is an HP Indigo digital print.

www.hp.com/go/indigo

PN: CA494-22030

