



FlexiPRINT & CUT

Authorized 3M Traffic Edition L1500



Index

1. Benefits
2. Activation
3. Installation
4. Setup
5. Flexi Designer – creating a traffic sign
6. RIP/PRINT workflow



1. Benefits



1. Benefits



FlexiPRINT & CUT

Authorized 3M Traffic Edition L1500

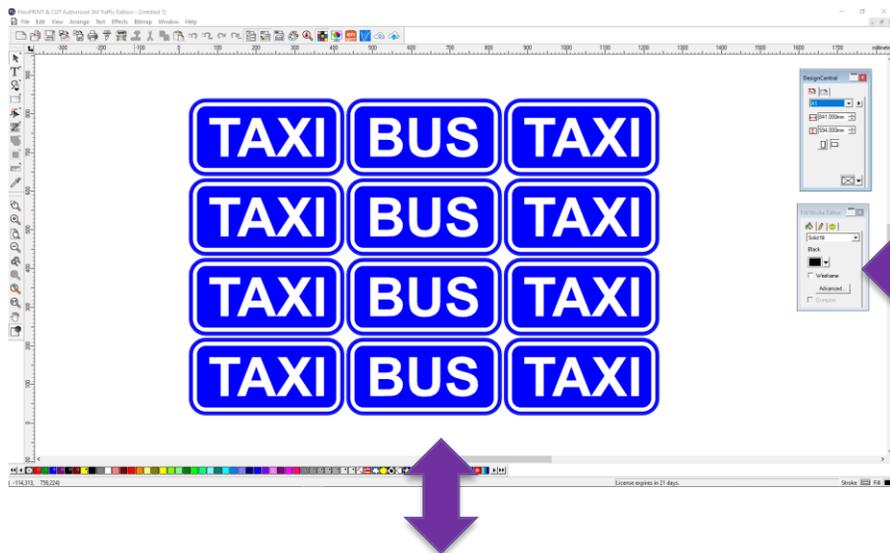
All-in-one from design to production:

- HP Latex 1500 driver
- Full Design Suite
- RIP/PRINT option
- Direct-Cut option
- 3M Traffic Colors
- All cutter drivers

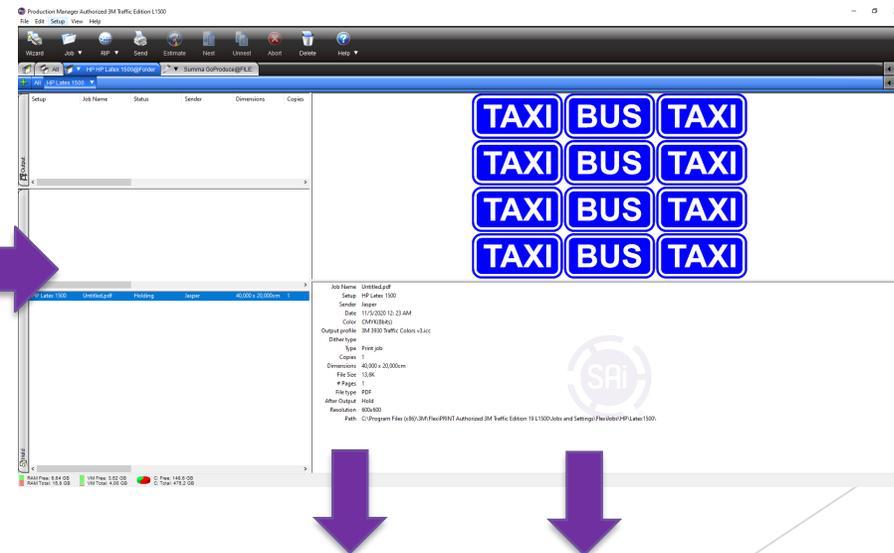


1. Benefits

Full Design Suite & Production Manager



Import & Export / Design from scratch



Printer

Cutter



1. Benefits

Job Overview - User Interface (UI)

The screenshot displays the Production Manager software interface. The main window shows a table with columns for Setup, Job Name, Status, Sender, Dimensions, and Copies. A job named 'Untitled.pdf' is highlighted. To the right, a 'Job Preview' window shows a grid of blue signs with the words 'TAXI' and 'BUS'. Below the table, a 'Job Details' window provides information such as Job Name, Setup, Sender, Date, Color, Output profile, Dither type, Copies, Dimensions, File Size, # Pages, File type, After Output, Resolution, and Path. At the bottom, system resource monitors show RAM and VM Free/Total usage.

Setup	Job Name	Status	Sender	Dimensions	Copies
HP Latex 1500	Untitled.pdf	Holding	Jasper	40,000 x 20,000cm	1

Job Name: Untitled.pdf
Setup: HP Latex 1500
Sender: Jasper
Date: 11/5/2020 12:23 AM
Color: CMYK(8bits)
Output profile: 3M 9930 Traffic Colors v3.icc
Dither type: Print job
Type: Print job
Copies: 1
Dimensions: 40,000 x 20,000cm
File Size: 13.6K
Pages: 1
File type: PDF
After Output: Hold
Resolution: 600x600
Path: C:\Program Files (x86)\3M\FlexiPRINT Authorized 3M Traffic Edition 19 L1500\Jobs and Settings\FlexiJobs\HP\Latex1500\

RAM Free: 6.64 GB VM Free: 3.52 GB Jobs: 148.6 GB
RAM Total: 15.8 GB VM Total: 4.00 GB Jobs: 475.2 GB

View jobs based
Print, RIP or Hold status

Get Job details

Job Preview



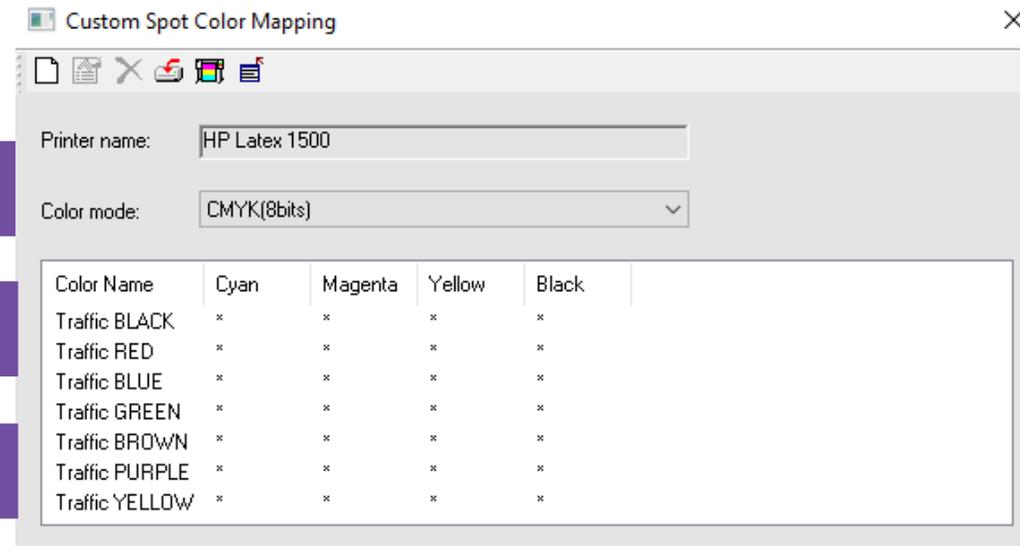
1. Benefits

Certified Traffic colors by 3M

Custom Spot Color Mapping

Smart Color Management for Color Reproduction

3M Traffic Color table in Flexi Designer



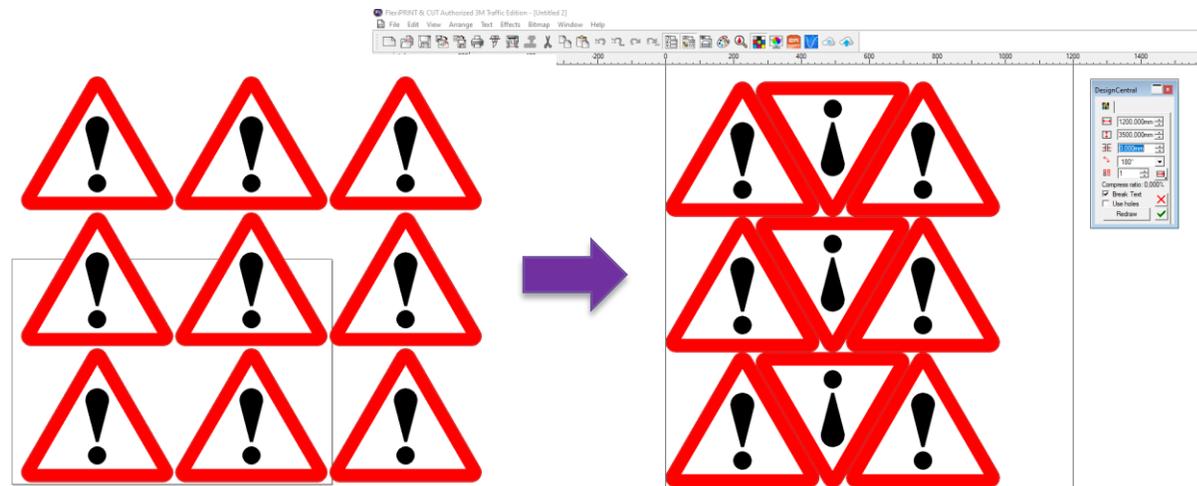
1. Benefits

Contour Cut True Shape Nesting in Flexi

Maximizes media savings

Automatically rotates & nests by actual shape

Send via RIP/PRINT



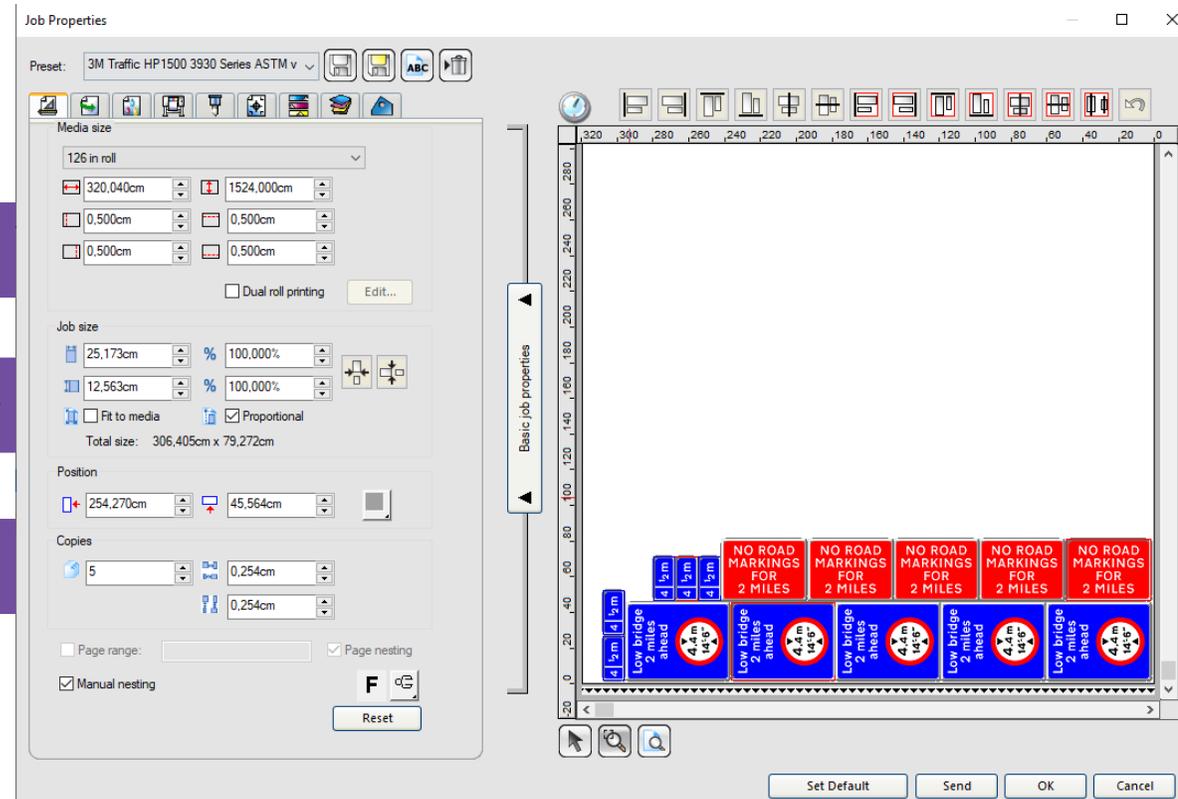
1. Benefits

Nesting alignment controls in Production Manager

One-click job nest alignment

Align on media roll or page

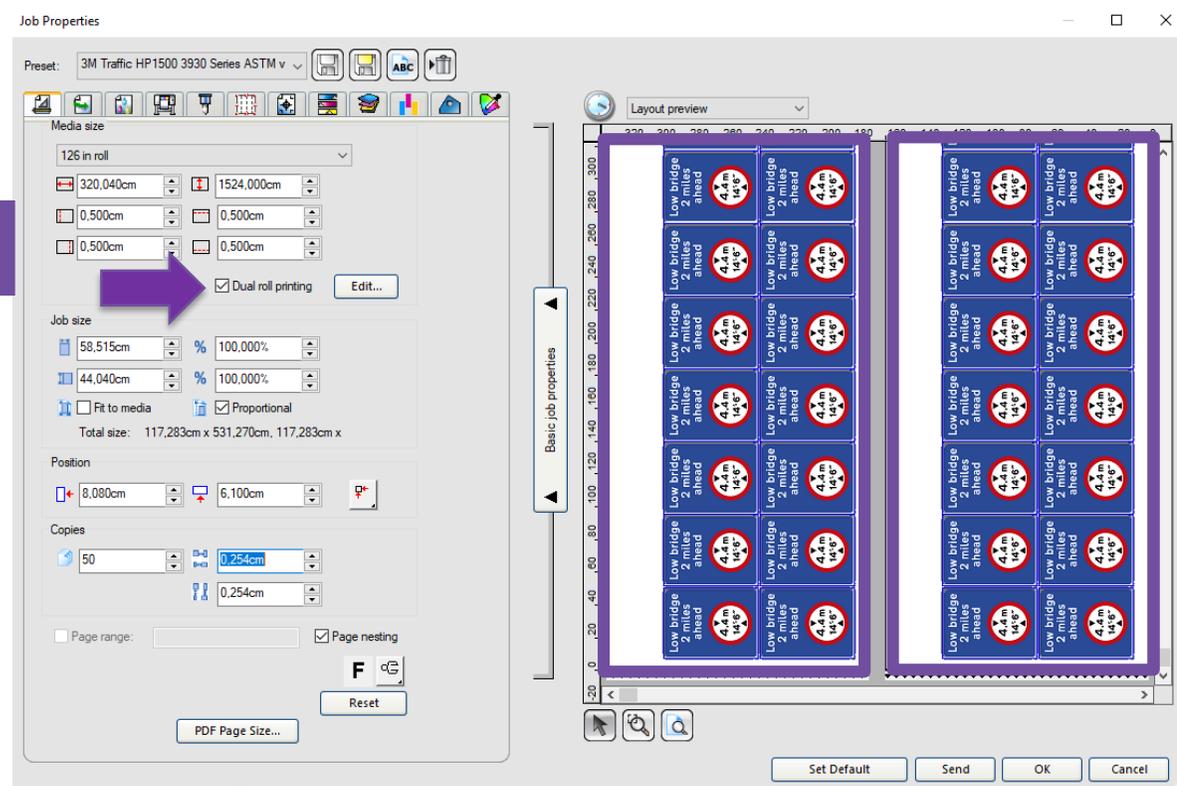
Align on job edges for faster edge cutting



1. Benefits

Dual Roll Printing

Set Custom Media size and spacing



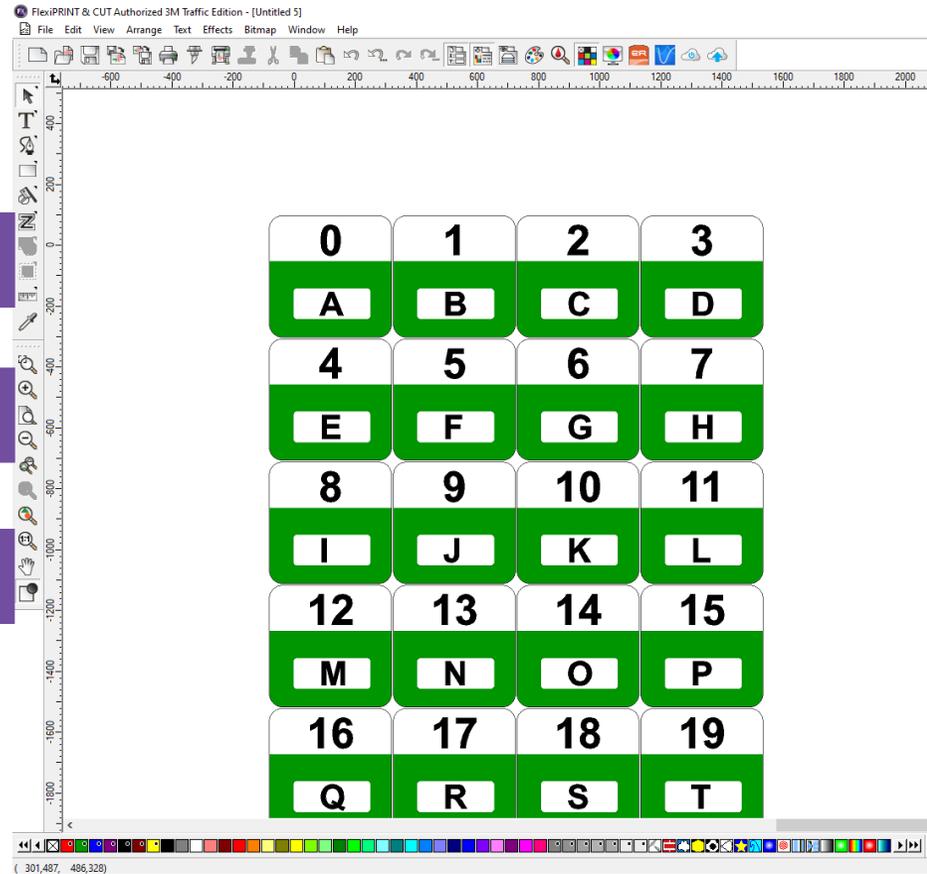
1. Benefits

Auto Serialization using variable data in Flexi

Easy Auto Serialization workflow

Import data sheets with variable data

Generate multiple signs in a few clicks



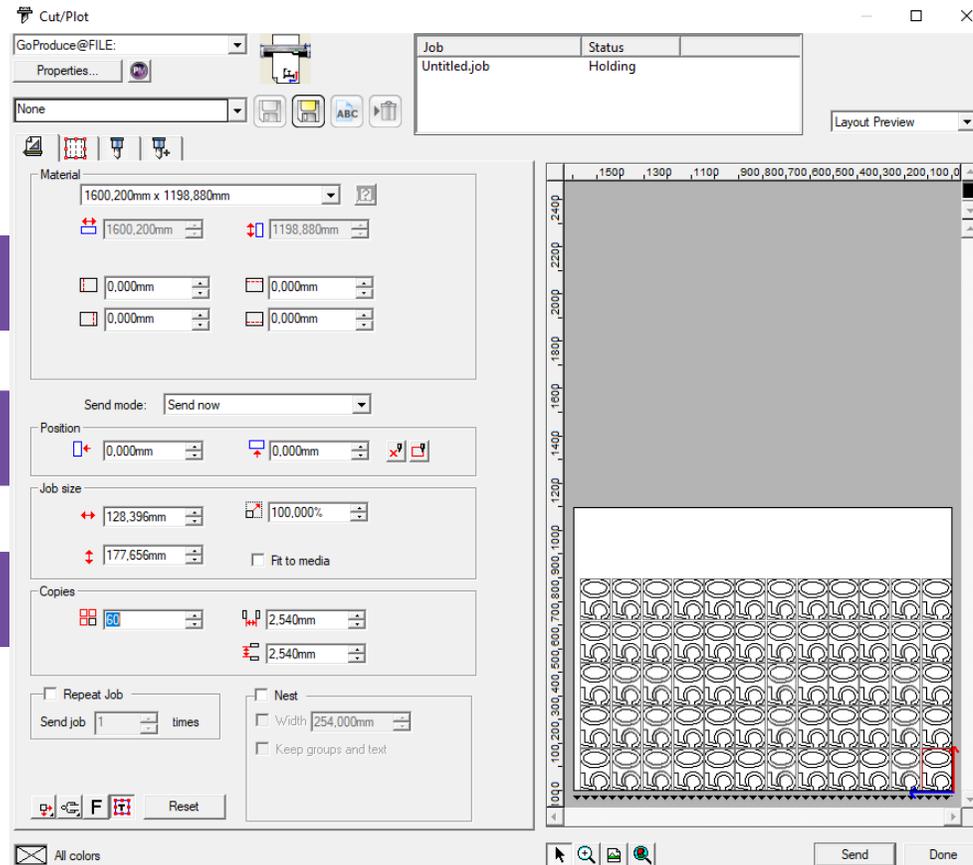
1. Benefits

Direct-Cut Option in Flexi

Direct-to-Vinyl Cut Option

Set copies, spacing, positioning,...

Add additional weeding borders and lines



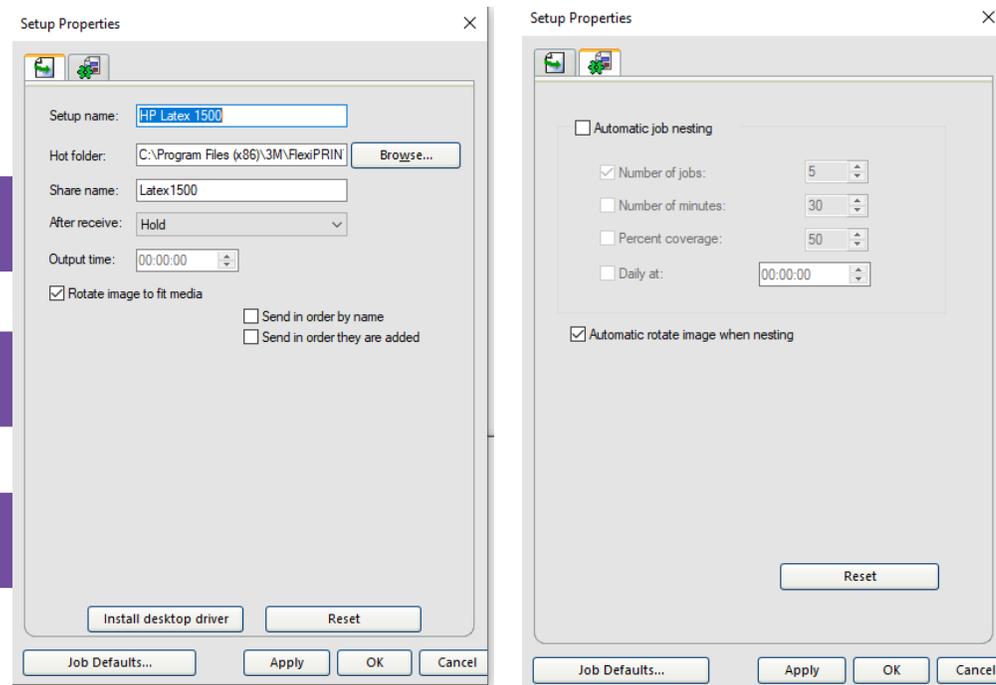
1. Benefits

Automation using hotfolders in Production Manager

Make production faster using Hotfolders

Choose Output time and Send Orders

Automatic Nesting function 2nd tab



2. Activation



2. Activation

Visit www.saicloud.com to activate your FlexiPRINT & CUT Authorized 3M Traffic Edition L1500



Welcome to the SAi Cloud.

Activate a New License

Please enter the activation code that accompanied your software purchase.

Activation Code

[Activate](#)

Use this only if you have purchased a new license and you are activating this license for the first time.

Login to SAi Cloud Account

Email

Password

[Login](#)

[Forgot Password?](#)

Use this if you have already activated your license and are checking back in for an overview of your licenses, managing your subscriptions, editing your account information or reviewing approval jobs.

Use the 12-digit activation code which is provided with the purchase of the product.
Activate the software as a new SAi Cloud user or use an existing one.



3. Installation



3. Installation

Download the software via the **Download Now** button.

The screenshot shows a web interface for software management. At the top, there is a navigation bar with links for 'Cloud', 'Software', 'Files', 'Approval Jobs', and 'Account Settings', along with 'Login Settings' and 'Logout' buttons. The main content area is titled 'FlexiPRINT and CUT Authorized 3M Traffic Edition L1500 19'. On the left, there is a section for 'Activation Code' with a placeholder and 'Active Build - 3350'. Below that is a 'History' section showing a 'Software Activated' event with details like 'Code: *****FTNK', 'Software ID: 0833742', and '2020-10-27 11:27:26 +0000'. The central part of the page displays license details in a table:

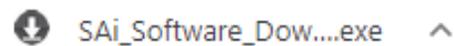
Software ID	*****
Product	FlexiPRINT and CUT Authorized 3M Traffic Edition L1500 19
License Type	TRIAL
Expires	2020-11-26
Language	All Languages
License Date	2020-10-27

Below the table is a 'Current Install' section with the following information:

- Computer ID: *****
- Computer Name: DELL LAPTOP
- User Name: *****
- Oct 27, 2020

A purple arrow points to the 'Download Now' button in this section. Below the button are links for 'License Removed?' and 'Download License'.

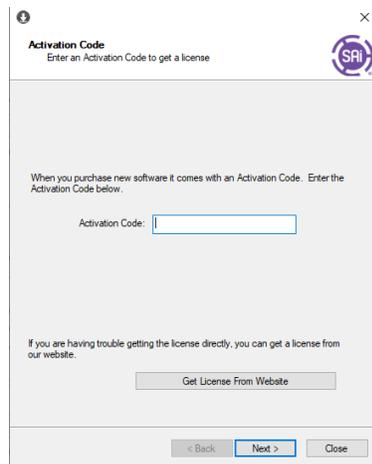
Run the `SAi_Software_Download.exe` to start the installation of the software.



3. Installation

Follow the steps in the **InstallShield Wizard**.

When the installation is done, license the software in the **LicenseManager.exe** with the 12-digit activation code.



The installation content will be located in:

C:\Program Files (x86)\3M\FlexiPRINT Authorized 3M Traffic Edition 19 L1500

and two desktops icons are generated  



4. Setup



4. Setup

Launch Production Manager Authorized 3M Traffic Edition L1500.



Select the HP Latex 1500 and press 'Next'.

Set the output port on **Folder** and define the **path** for the output folder.

The screenshot shows the 'Add Setup' dialog box with the following fields and options:

- Choose a device type:** Radio buttons for 'Printers' (selected) and 'Cutters'.
- Choose a device:**
 - What is the brand name of your color printer? (Dropdown menu: HP)
 - What is the model name of your HP? (Dropdown menu: HP Latex 1500)
- Buttons at the bottom: Back, Next, Cancel.

The screenshot shows the 'Add Setup' dialog box with the following fields and options:

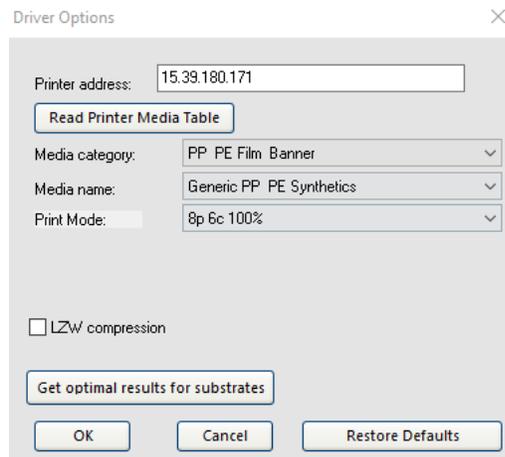
- What do you want to call your new setup? (Text input: HP Latex 1500)
- Do you want to print to your HP Latex 1500 from other applications?
 Yes, install the desktop driver
- How is your HP Latex 1500 connected to your computer?
Folder (Dropdown menu: Folder) [Browse...]
- Hot folder: [Browse]
- Path: C:\Program Files (x86)\3M\FlexiPRINT Authorized 3M
- Buttons at the bottom: Sharing..., Back, Finish, Cancel.



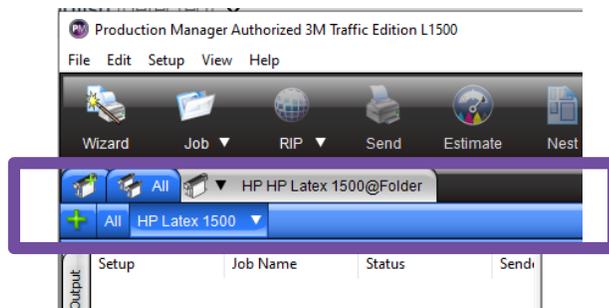
4. Setup

Enter the IP address of the printer controller computer.

Select "Read Printer Media Table" to receive the media list from the printer. Hit 'OK'.



The printer will appear in the printer top bar and the printer setup in the setup bar.



4. Setup

Unlike the L3xx Series, the user need to make sure the **OMS is installed on the printer DFE.**

The OMS files for the 'TrafficSign media' are included on the program installer in the Util folder.

The user either obtain the OMS file from HP media locator or from the printer installer.

Name	Date modified	Type	Size
3M 3930 Traffic Colors v3.oms	15 Sep 2020 16:54	OMS File	1.700 KB
3M 4000 Traffic Colors v3.oms	15 Sep 2020 16:54	OMS File	1.700 KB

NOTE: The preset files for TrafficSign media are installed automatically when the program is installed.

If the OMS files are not installed on the printer DFE, the printout will produce incorrect results and the traffic colors will not match the standard.

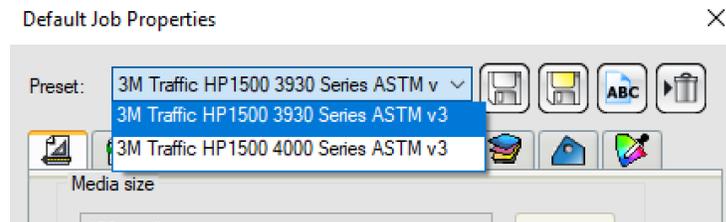
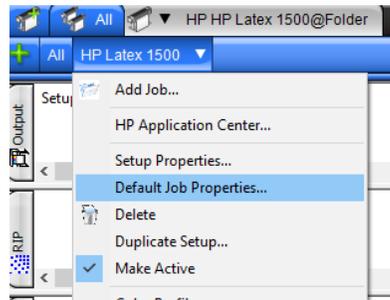
Therefore, it is important to **remember to install the OMS.**

Loading the preset files in Production Manager is not sufficient if the OMS files are not installed and the linkage between the ICC profile and OMS will be broken.

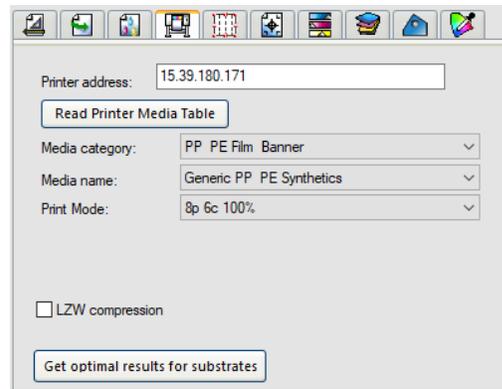
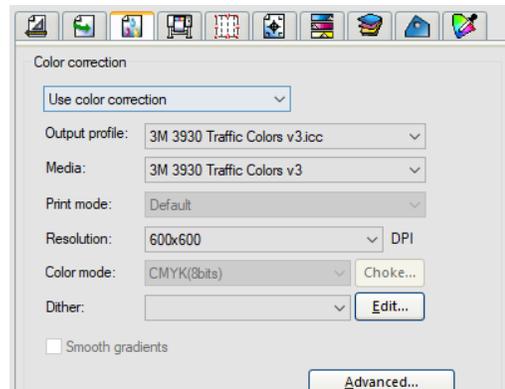


4. Setup

Right-click on the printer setup > **Default Job Properties** and select the **preset** for the loaded media on the printer.

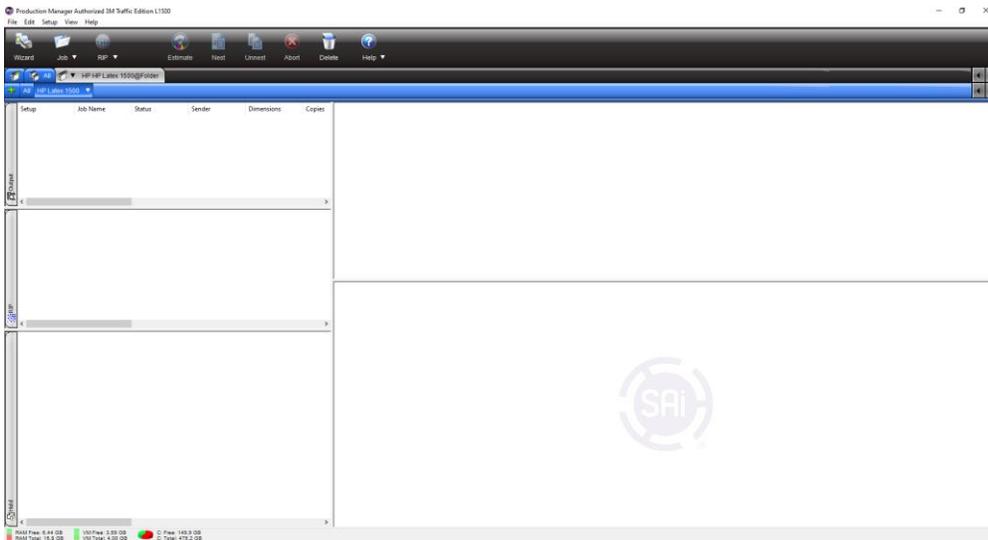


Once the preset is selected, the correct **ICC profile** and correct **media** from Driver Options tab will be loaded.



4. Setup

The system is ready to submit your jobs.



The **output folder of the job** will be created in the path you defined in an earlier stage when the printer was added.

NOTE: The program will create the files under new folder that is naming as the selected media in the Driver Options tab.



5. Flexi Designer

Creating a traffic sign

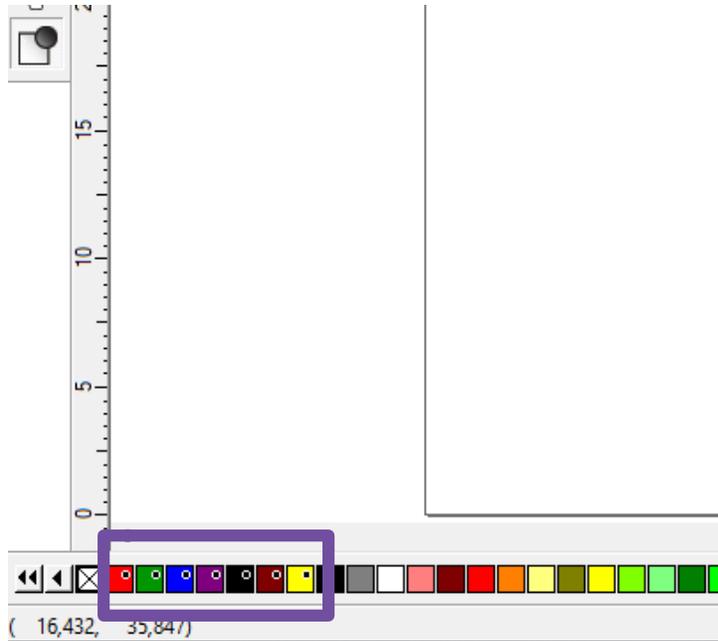


5. Flexi Designer – creating a traffic sign

Open the FlexiPRINT & CUT Authorized 3M Traffic Edition 19.



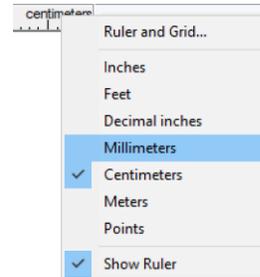
In the bottom left corner, the 3M Traffic Spot Colors are shown.



The colours will be used at a later stage for the layout of our traffic signs.

5. Flexi Designer – creating a traffic sign

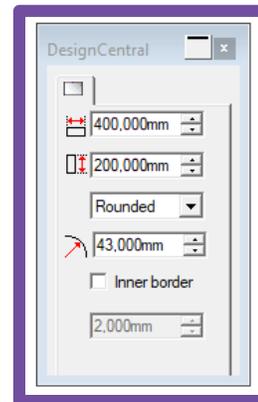
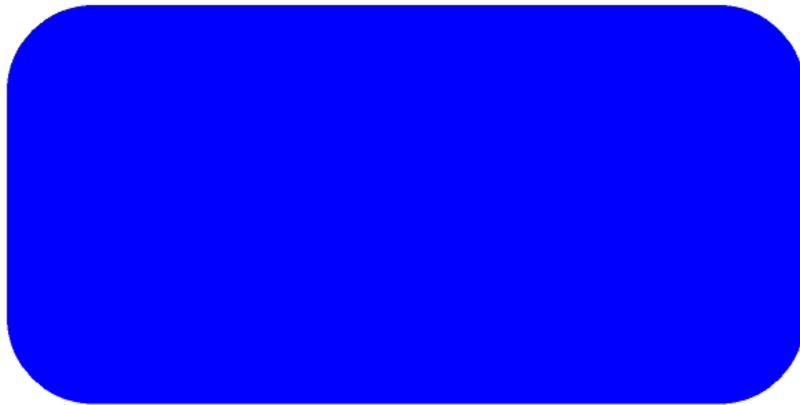
Right-click the top ruler bar to change units if desired.



Draw a rectangle using the **rectangle** tool.

Set dimensions and corner settings in **DesignCentral**.

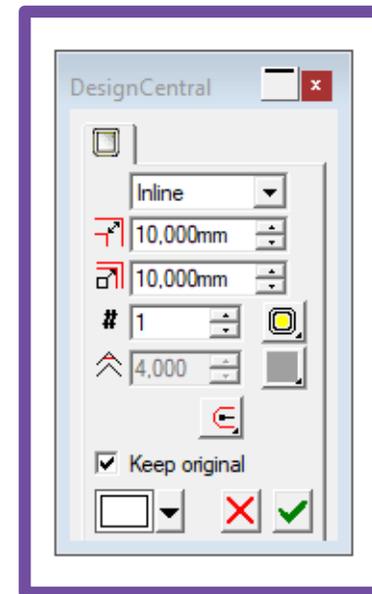
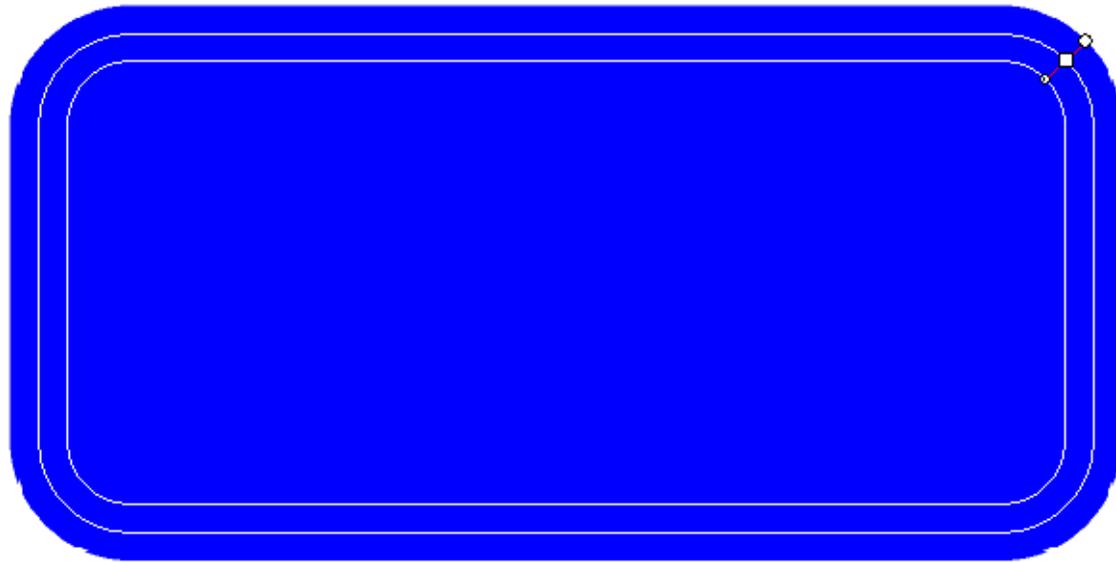
Select the traffic sign color. In this case: **Traffic BLUE**.



5. Flexi Designer – creating a traffic sign

Draw an inline stroke using Effects > Outline..

Set Contour Type to **Inline**, and adjust **Width**, **Offset Distance** and **Color**. Hit 'Apply'. 



5. Flexi Designer – creating a traffic sign

Add text using the **Text Tool**.

Choose font type, size and other character settings in the **Character Tab** in DesignCentral.



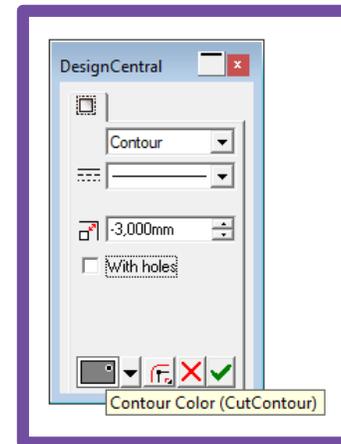
Select all objects and go to menu **Arrange > Align > Both Centers** to align the text vertically and horizontally on the traffic sign.

5. Flexi Designer – creating a traffic sign

Add Contour Cut line using Effects > Contour Cut..

Choose **Offset Distance** and **Contour Spot Color** (by default: CutContour) in DesignCentral.

Hit 'Apply'. 



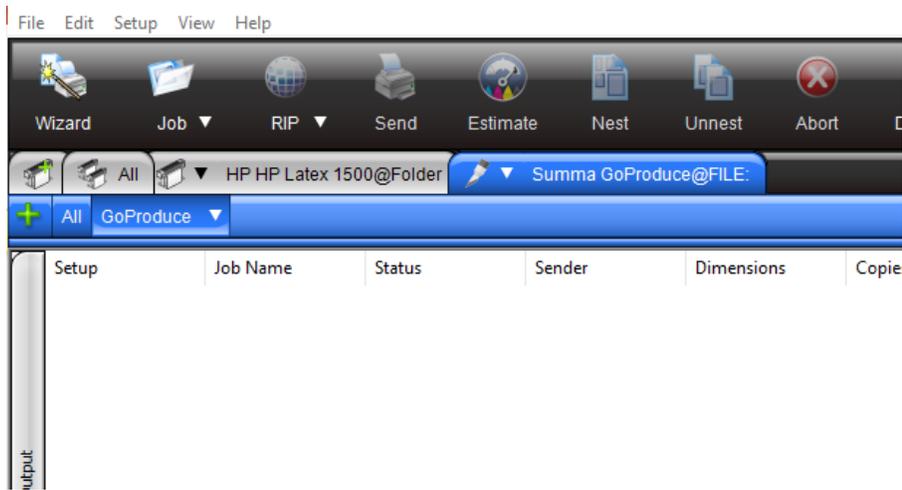
In a few easy steps, a **print/cut file** is created and ready to output.

6. RIP/PRINT workflow



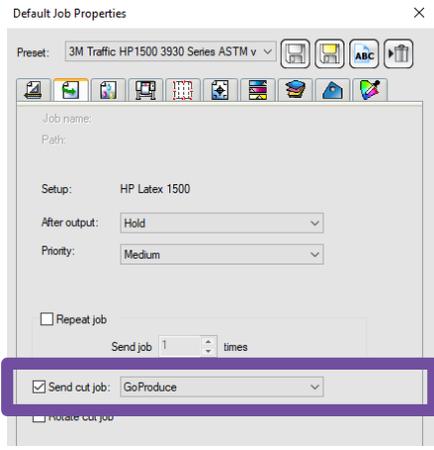
6. RIP/PRINT workflow

Add your **cutting device** in Production Manager. In this presentation, we are using a Summa GoProduce driver. The driver is linked to **FILE: port** as we will create a cut file which can be opened with the Summa GoProduce Software.



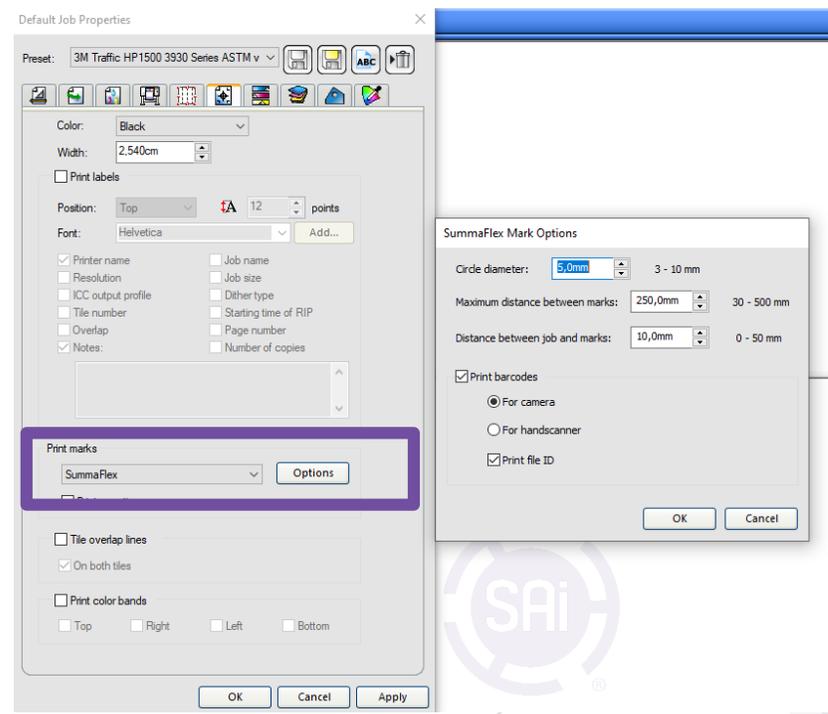
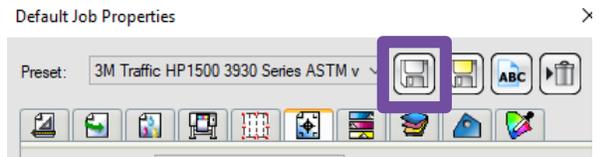
6. RIP/PRINT workflow

Link printing and cutting device via the Default Job Properties > Workflow tab > Send cut job.



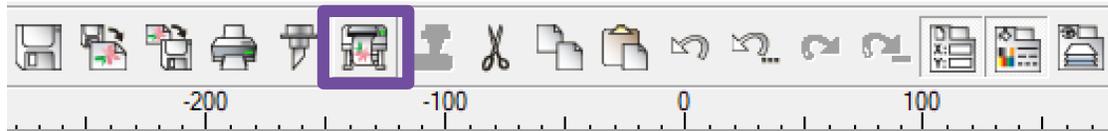
Set print marks in the Labels and Marks tab.

Save the preset.



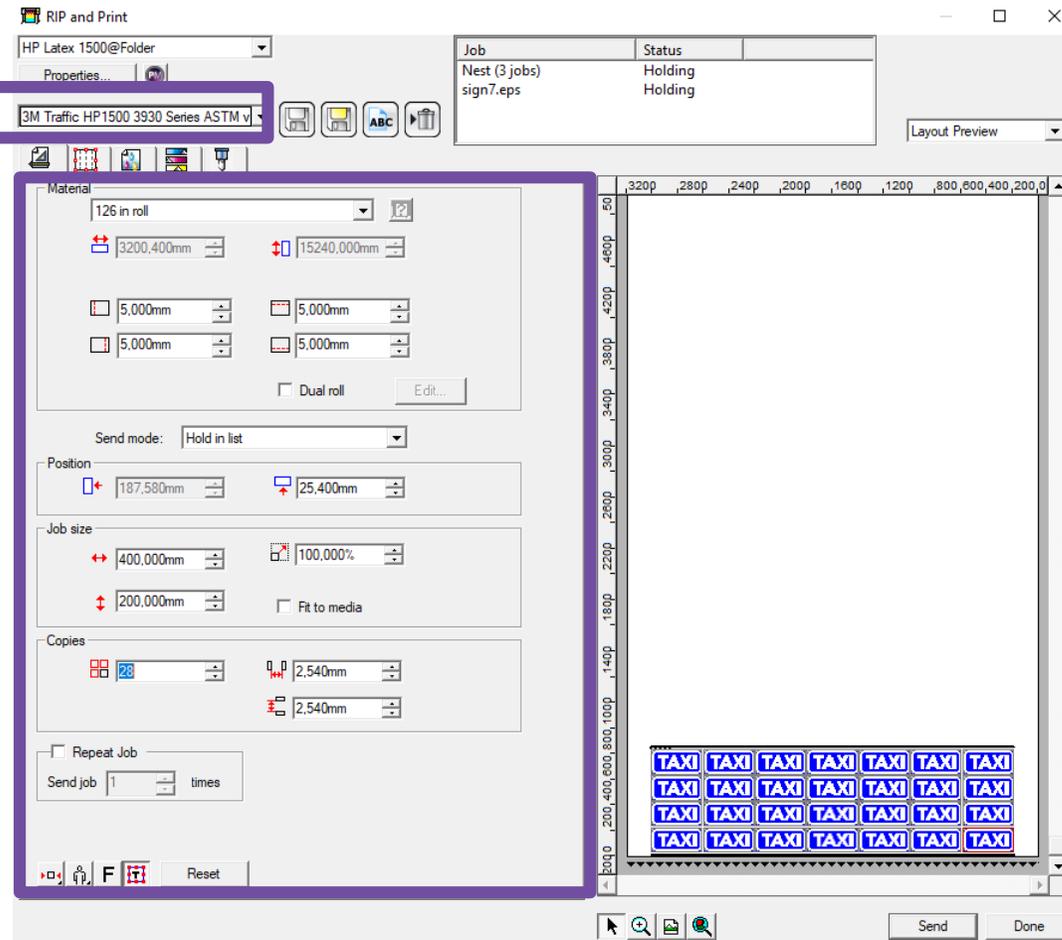
6. RIP/PRINT workflow

In Flexi, select the traffic sign and hit the RIP/PRINT button.



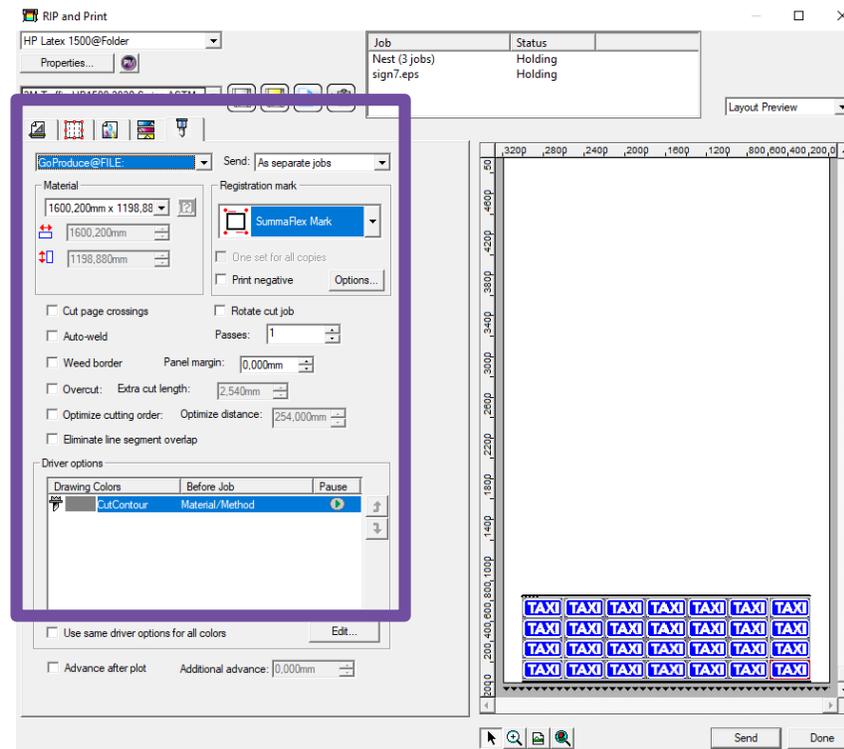
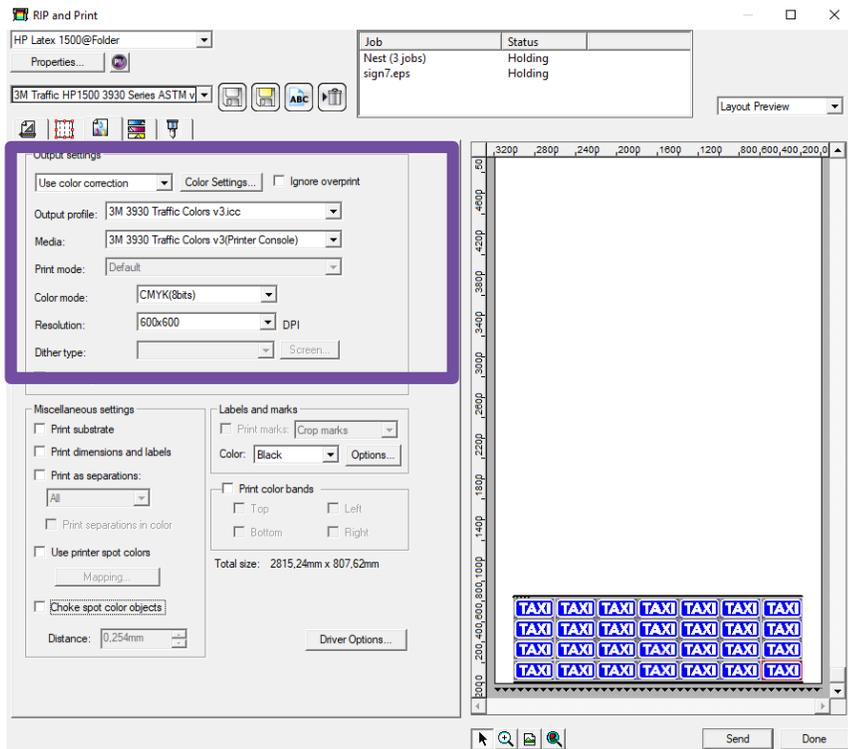
6. RIP/PRINT workflow

Select Preset and set media size, copies, spacing, alignment...



6. RIP/PRINT workflow

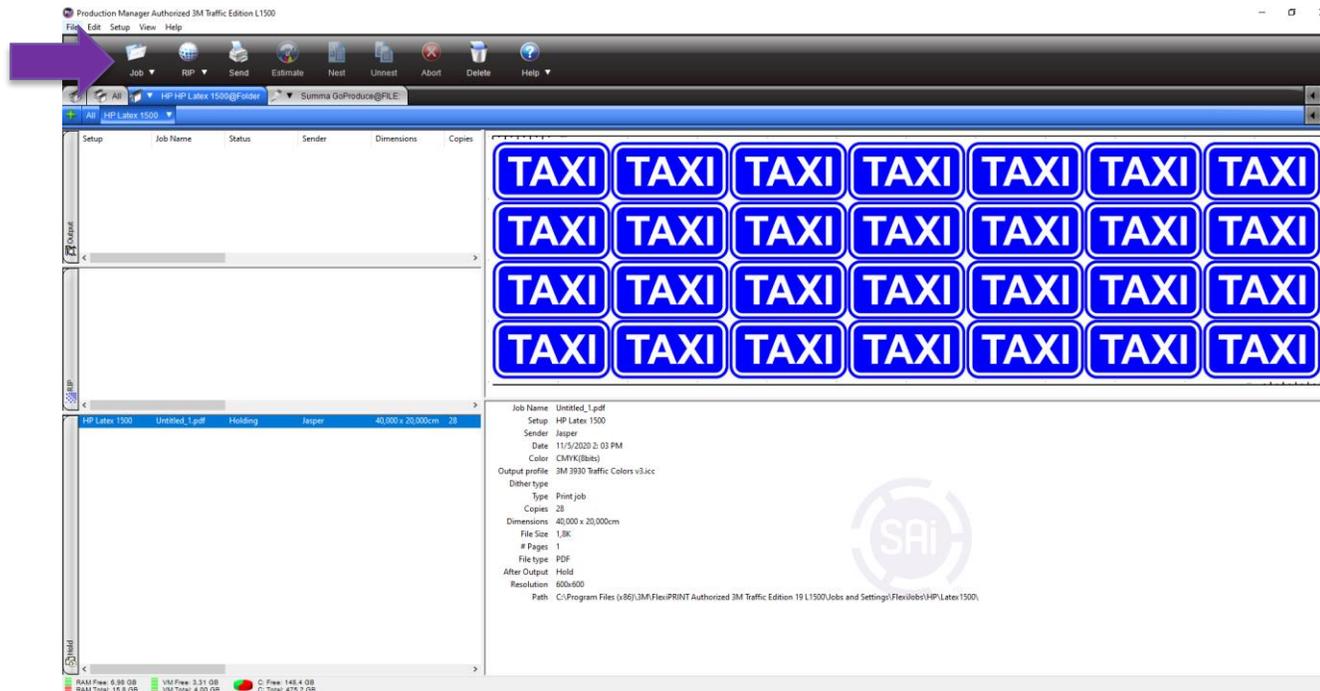
If preset is installed correctly, the color correction should be present in the Color Management tab. As well for the Cut job settings in the Cut Tab. Hit Send when ready to output.



6. RIP/PRINT workflow

The job will be present in the Production Manager job overview. The customer is also able to **import print/cut jobs directly** into the Production Manager.

-> Files can be created in 3rd party software (e.g. Adobe Illustrator, CorelDRAW,...)





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