Kodak

Magnus VLF with Multi-Cassette Unit

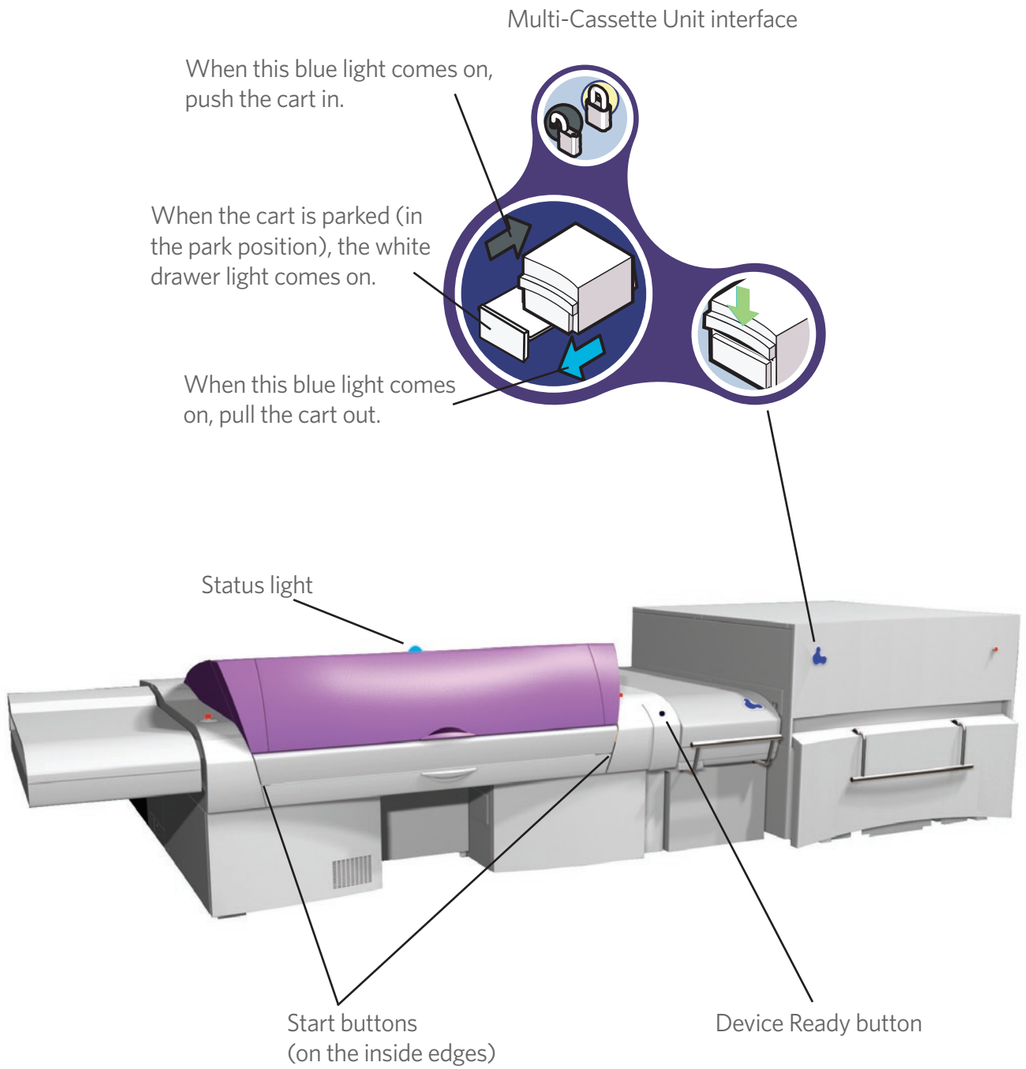
Output Device

Visual Reference Guide

English

653-00724D-EN Rev A
Internal 732-00014D-EN Rev A

Operational Lights and What They Mean



Automatic Operation	Status Light	Device Ready and Start Button	Operator Action
	Off	Solid green	The device is ready. Submit a job from the workflow software when you're ready.
	Solid green	Solid green	Wait—the device is imaging a plate.
	Flashing green	Solid green	Wait—the device is unloading a plate.
	Flashing yellow	Solid green	An error has occurred and the job is suspended. Follow the instructions on the **Messages** tab in the Kodak® Print Console software.
	Off	Off	The device is turned off.

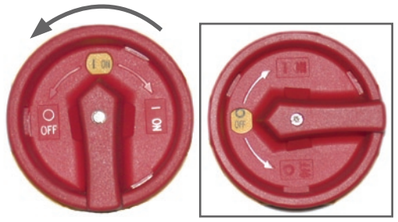
Bypass Mode Operation	Status Light	Device Ready and Start Button	Operator Action
	Off	Solid green	The device is idle. Submit a job from the workflow software when you're ready.
	Solid blue	Solid green	Register a plate.
	Solid blue	Flashing green	Press a Start button or the Device Ready button.
	Solid green	Solid green	Wait—the device is imaging a plate.
	Flashing green	Solid green	Wait—the device is unloading a plate.

Emergency Stop Locations

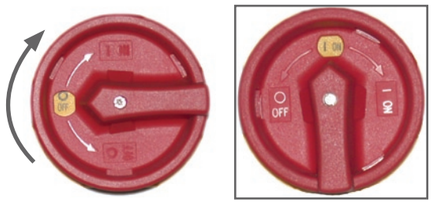
Activate an emergency stop device to stop mechanical movement and laser operation.

Power Emergency Stop Switch

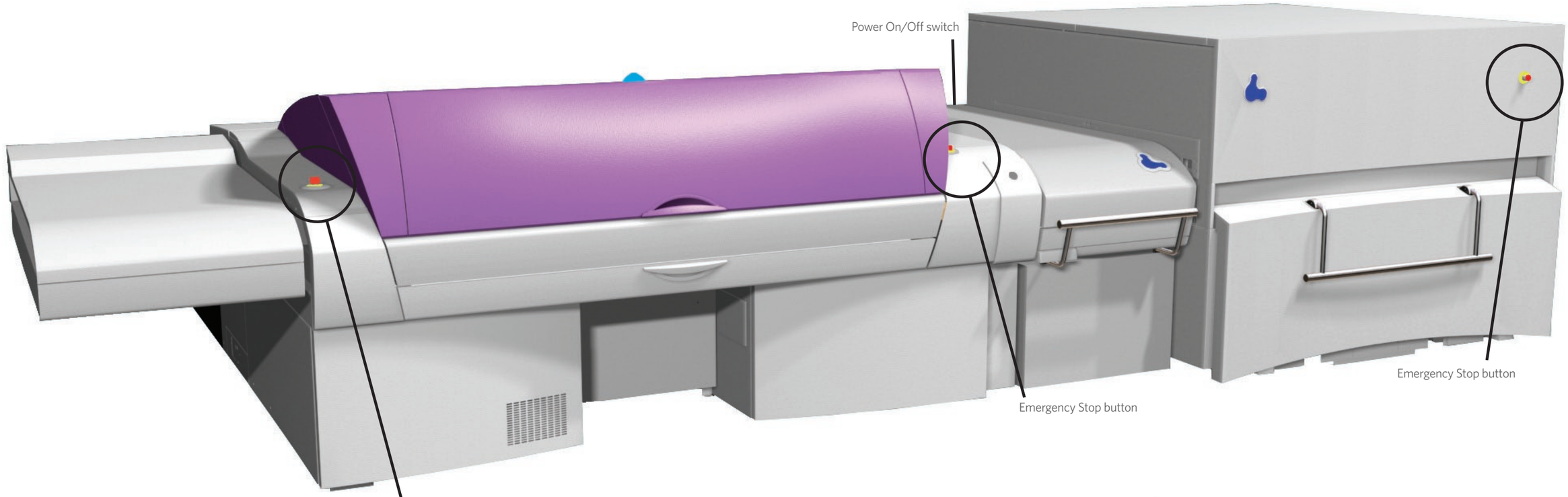
When an Emergency Stop button is not accessible, turn the Power/Emergency Stop switch counterclockwise to the Off position.



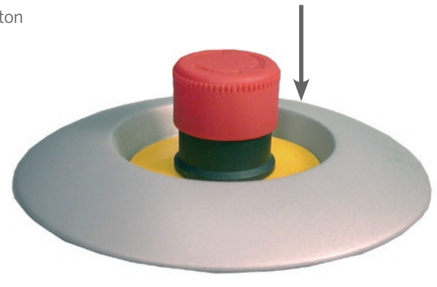
Turn the switch counterclockwise to turn off the power.



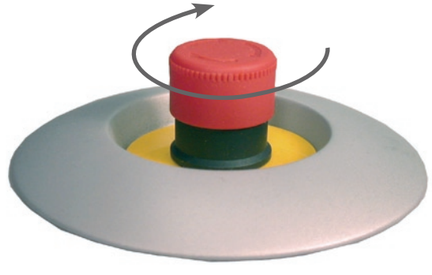
Turn the switch clockwise to turn on the power.



Emergency Stop Button



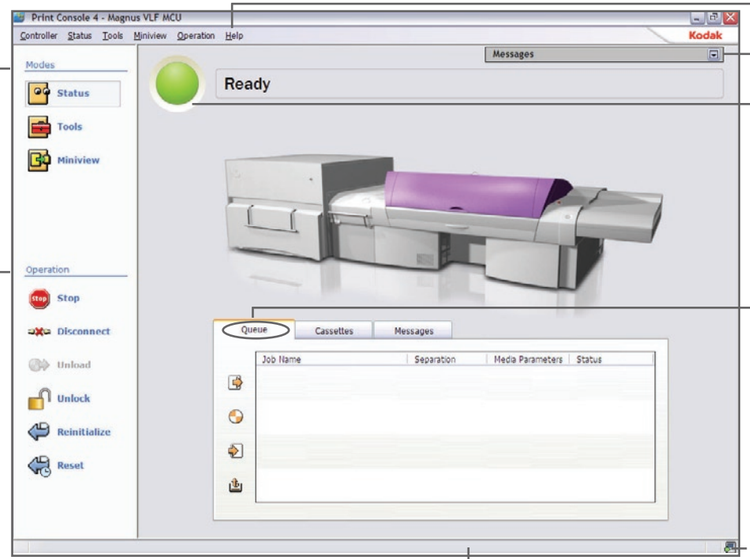
Press the Emergency Stop button to stop mechanical movement and laser operation.



To reset the Emergency Stop button, turn the Emergency Stop button 90 degrees clockwise.

Using Print Console

Status Mode: Perform Daily Tasks



For information about all screen elements, see the Print Console Help.

Important messages appear here.

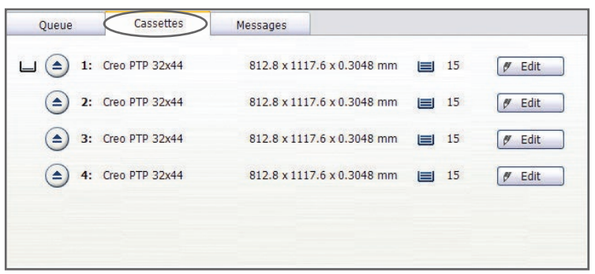
The status light and text are visible from a distance.

Modes control what you see on screen.

Operation buttons and menu items allow you to quickly perform everyday tasks.
Only the buttons and menu items that are relevant to your device appear on-screen.

Connection status
Status messages

Queue tab:
Displays the status of plates as they move through each stage in a device.



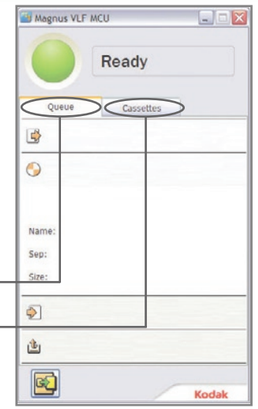
Cassettes tab:
Displays the cassette status. Click to refill the cassettes.

Messages tab:
Displays error messages and tells how to correct errors that have suspended operation.

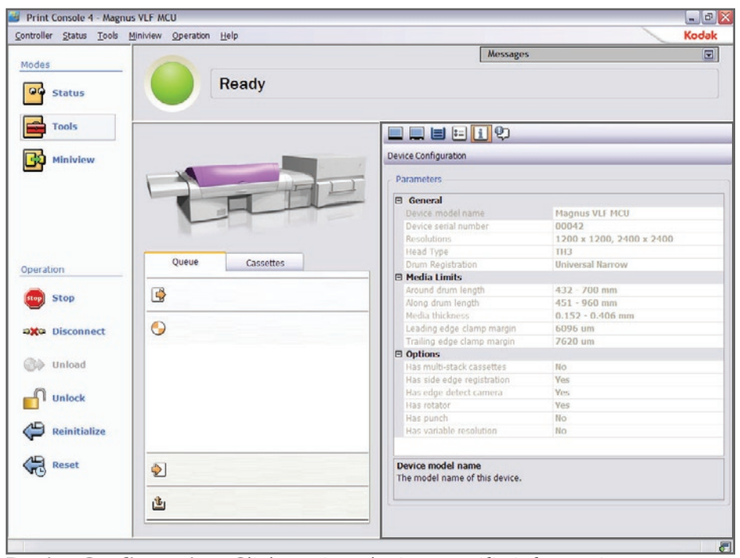


Print Console Help

Miniview mode:
Monitor plates and workflow at the same time.

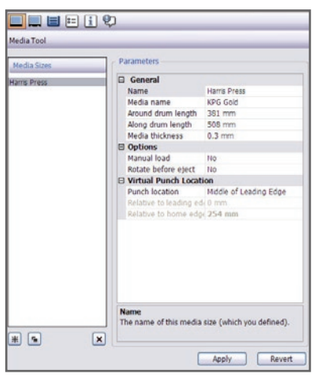


Tools Mode: Configure Print Console

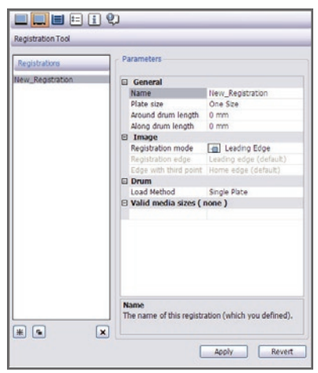


Device Configuration: Click to view device specific information.

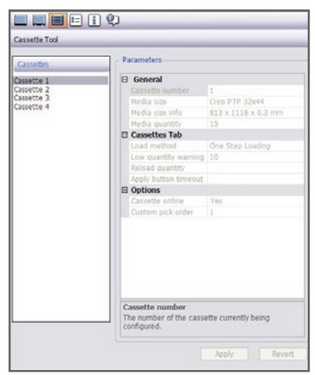
Media Tool:
Define media sizes.



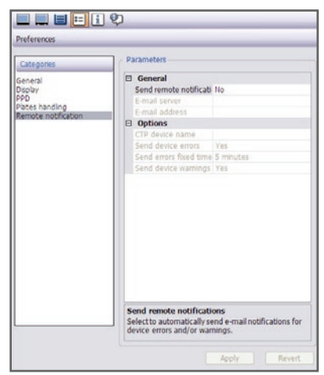
Registration Tool:
Define registration settings.



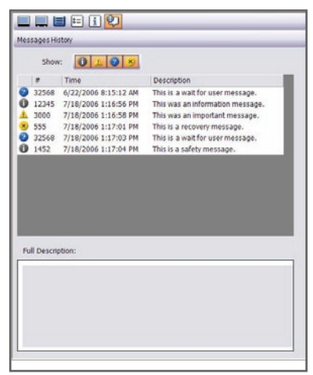
Cassettes Tool:
Define settings for each cassette.



Preferences Tool:
Select preferences (for example, language).

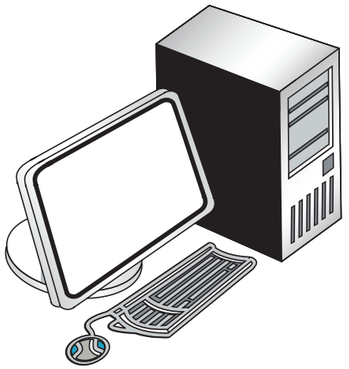


Messages History:
Review recent messages.

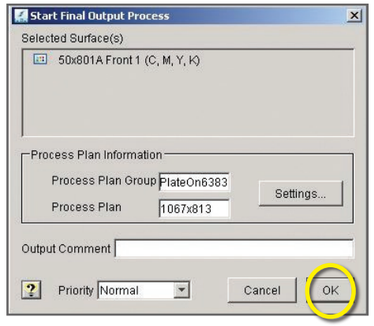


Imaging Plates in Automatic Mode

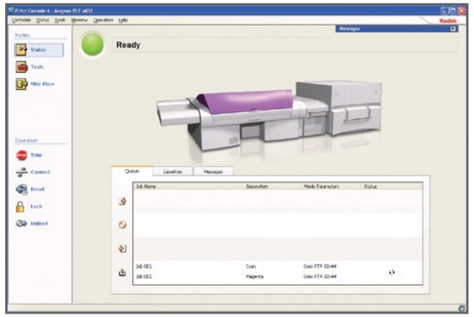
Prinergy Connect



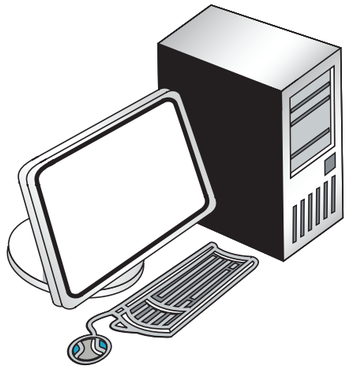
1 In the Kodak Prinergy® Connect® software, click **OK** to submit the file.



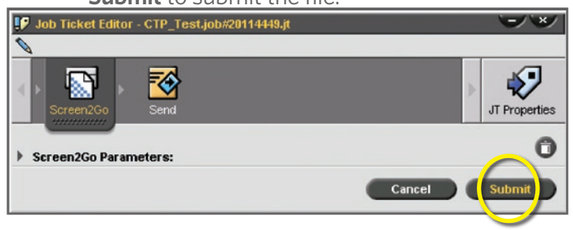
Print Console receives the job.



Brisque

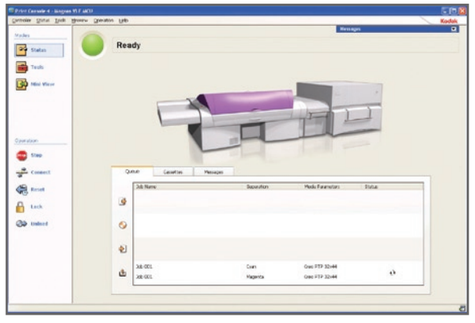


1 In the Kodak Brisque® software (with Kodak Screen2Go digital file-imaging software), click **Submit** to submit the file.*

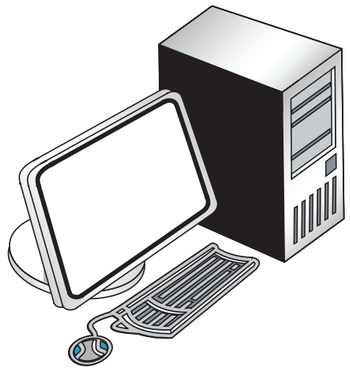


*You must have a Kodak Prinergy Evo™ TIFF output template and hot folder already set up.

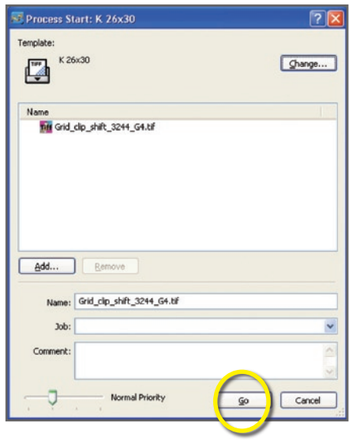
Print Console receives the job.



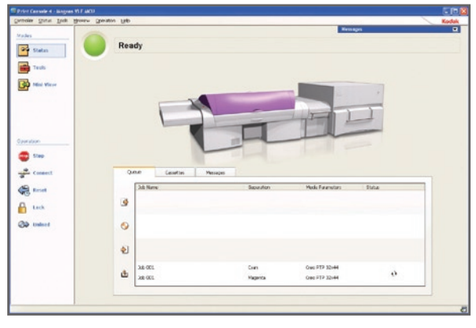
Tiff Workflow With Prinergy Evo



1 In the Prinergy Evo software, click **Go** to submit the file.

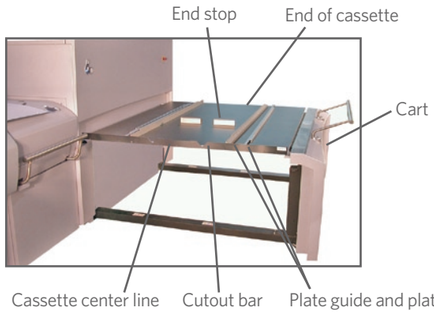


Print Console receives the job.

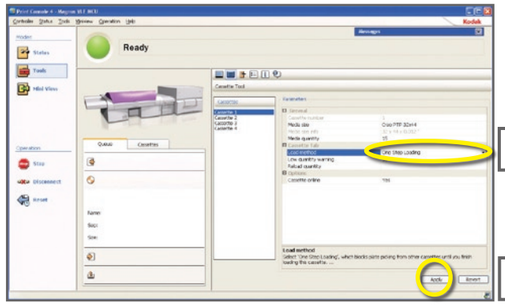


Loading the Multi-Cassette Unit: One-Step Loading

Multi-Cassette Unit (MCU)



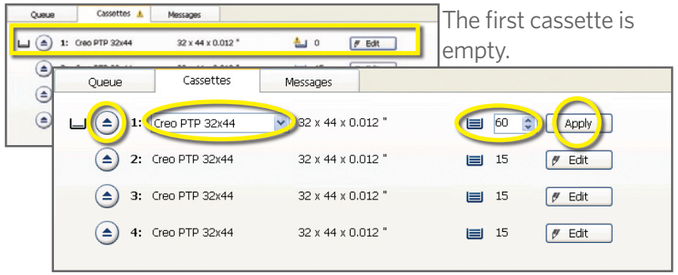
1 In the Print Console software, select **Tools** mode.



a Select **One Step Loading**.

b Click **Apply**.

2 In the Print Console **Status** mode, select the **Cassettes** tab.



The first cassette is empty.

a Click the **Eject** button. It starts to flash.

b Enter the plate size and quantity.

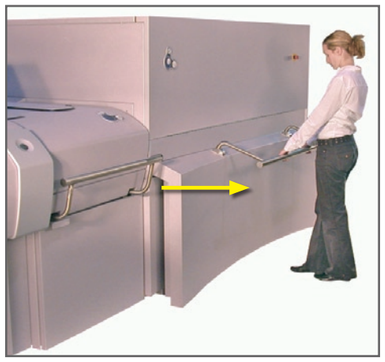
c Click **Apply**.

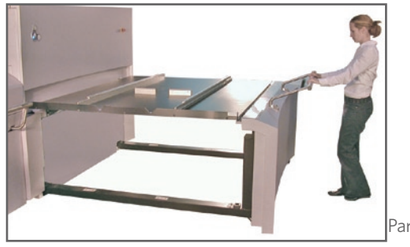


The blue light comes on.

The following prompt appears: Pull the cassette cart all the way out.

3 Grasp the cart handle and pull the cart away from the device, into the park position.





Park position

CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.



The white light comes on.

4 Place the plates against the cutout bar.



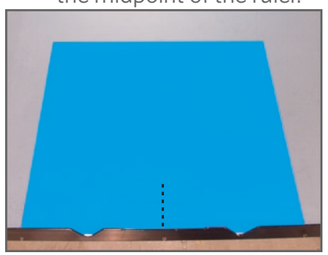
5 Remove the top slip sheet.



6 Align the plates in the MCU.

NOTE: Loading delicate media is similar except it does not use guide rails.

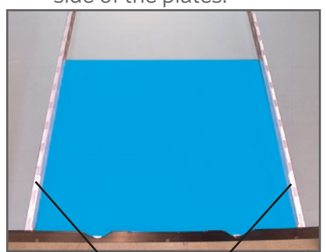
a Center the plates with the midpoint of the ruler.





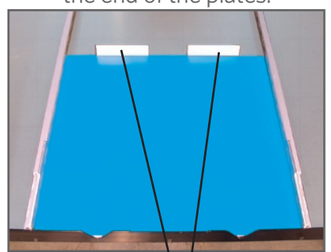
Ruler midpoint

b Place plate guides on either side of the plates.



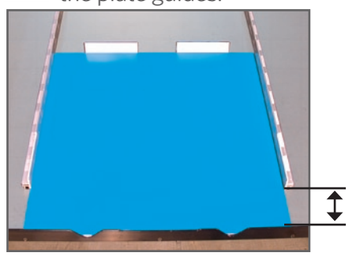
1–2 mm (0.04–0.08 in.) gap (total)

c Place end stops against the end of the plates.



1–2 mm (0.04–0.08 in.) gap (total)

d Place guide rails on top of the plate guides.



When placing plate guides, leave 10 cm (4 in.) from the end of the plate guide to the cutout bar.



The blue light comes on.

The following prompt appears: Push the cassette cart all the way in.

7 Push the cart into the device.



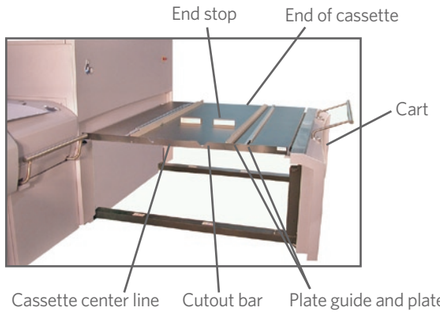


All the lights turn off.

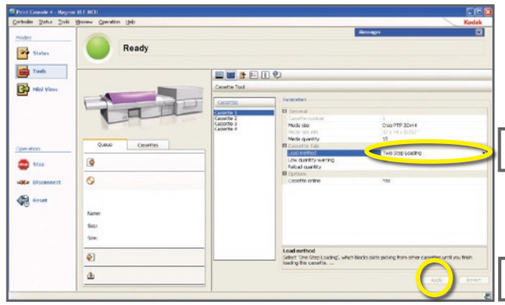
Repeat steps 2 to 7 for each cassette that you want to load.

Loading the Multi-Cassette Unit: Two-Step Loading

Multi-Cassette Unit (MCU)



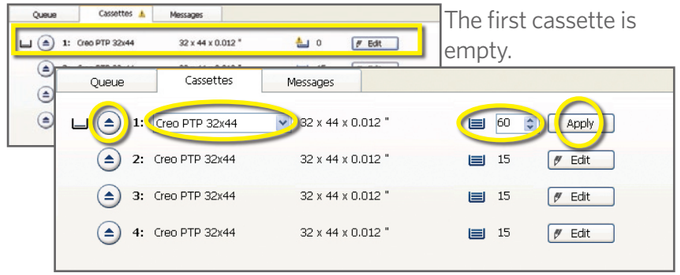
1 In Print Console, select **Tools** mode.



a Select Two **Step Loading**.

b Click **Apply**.

2 In the Print Console **Status** mode, select the **Cassettes** tab.



The first cassette is empty.

a Click the **Eject** button. It starts to flash.

b Enter the plate size and quantity.

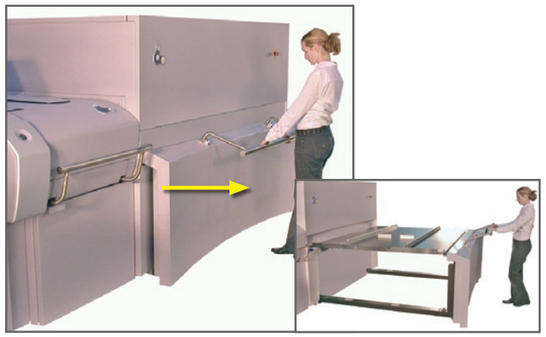
c Click **Apply**.



The blue light comes on.

The following prompt appears: Pull the cassette cart all the way out.

3 Grasp the cart handle and pull the cart away from the device, into the park position.



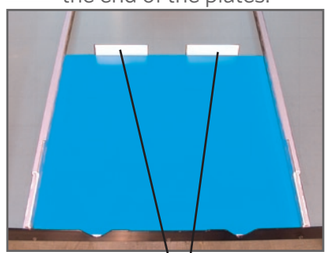


The white light comes on.

Park position

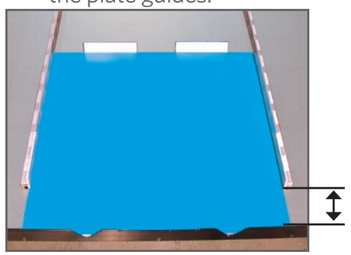
NOTE: Loading delicate media is similar except it does not use guide rails.

c Place end stops against the end of the plates.



1–2 mm (0.04–0.08 in.) gap (total)

d Place guide rails on top of the plate guides.



When placing plate guides, leave 10 cm (4 in.) from the end of the plate guide to the cutout bar.

4 Place the plates against the cutout bar.



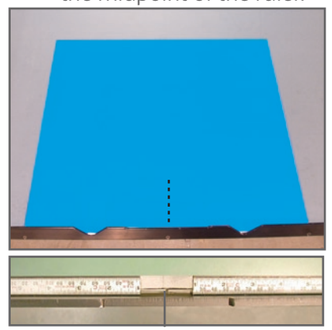
CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

5 Remove the top slip sheet.



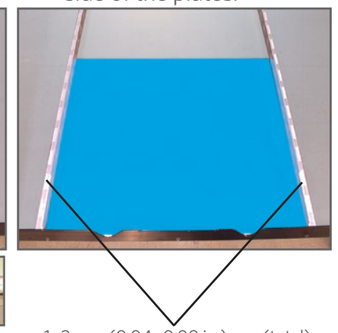
6 Align the plates in the MCU.

a Center the plates with the midpoint of the ruler.



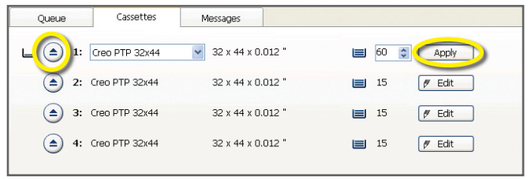
Ruler midpoint

b Place plate guides on either side of the plates.



1–2 mm (0.04–0.08 in.) gap (total)

7 In Print Console:



a Click the **Eject** button.

b Click **Apply**.



The blue light comes on.

The following prompt appears: Push the cassette cart all the way in.

8 Push the cart into the device.

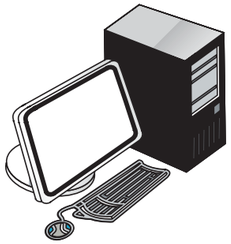




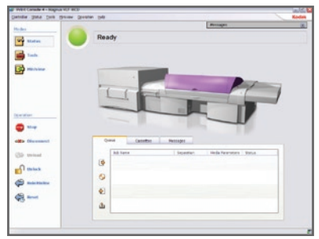
All the lights turn off.

Repeat steps 2 to 8 for each cassette that you want to load.

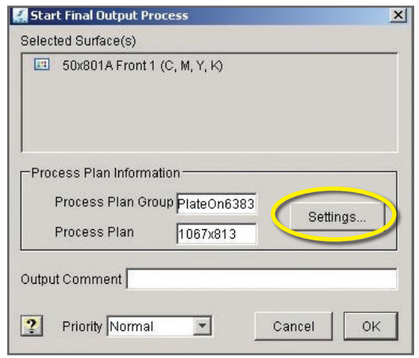
Imaging a Plate in Bypass Mode Using Prinergy Connect



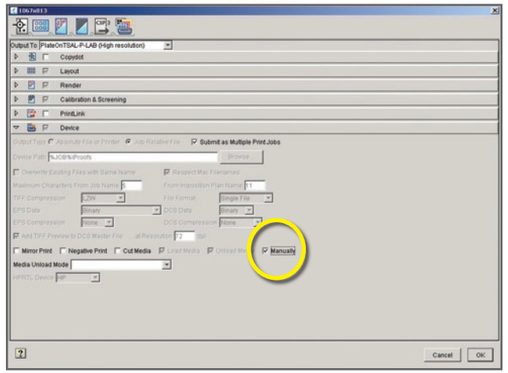
The Magnus VLF platesetter is in automatic mode.



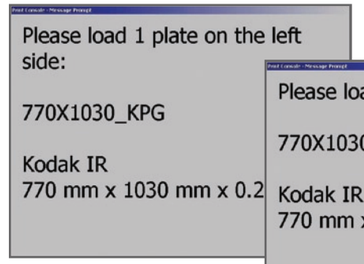
1 In the Prinergy software, click **Settings**.



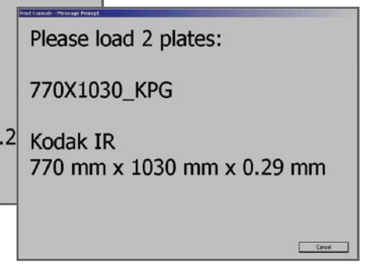
2 Select the **Manually** check box.



3 Ensure the correct plate size is available for loading.



Single plate



Double plates

4 Pull out the bypass load table.



5 Place the plate on the load table.



Single plate



Double plates

6 Remove the slip sheet.

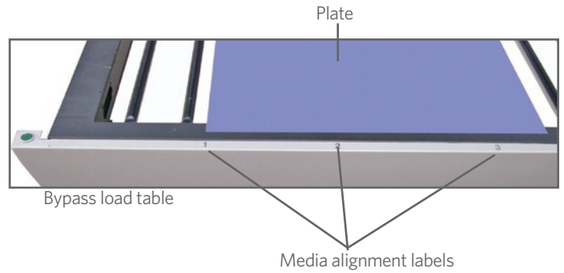


Single plate



Double plates

7 Align the plate with the media alignment labels.



CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

8 Register the plate. Position the leading edge against the end stop.



Single plate



Double plates

9 Press the Start button.



Left side



Right side

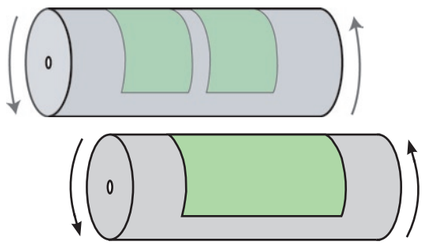
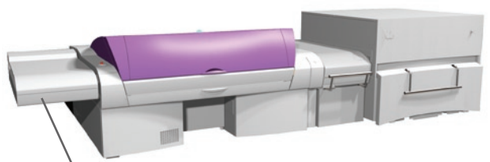


Plate imaging

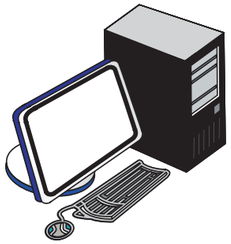
Imaging is complete.



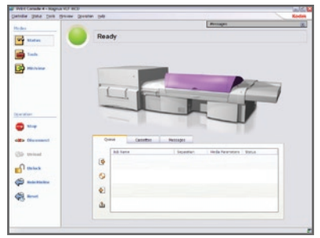
Imaged plates unload here.

Repeat steps 1 to 9 to image another plate.

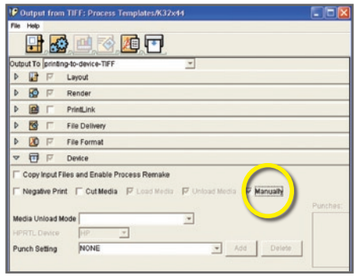
Imaging a Plate in Bypass Mode Using Brisque



The Magnus VLF platesetter is in automatic mode.



1 Select the **Manually** check box in your Prinergy Evo template.*

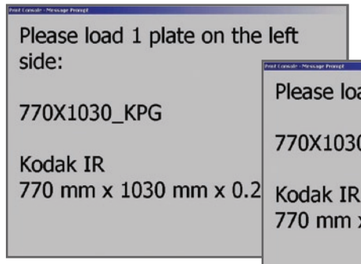


*NOTE: You must have a Prinergy Evo TIFF output template and hot folder already set up.

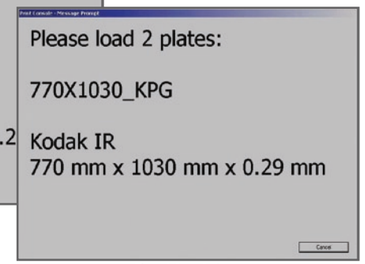
2 In the Kodak Brisque software (with Screen2Go), click **Submit** to submit the file.



3 Ensure the correct plate size is available for loading.



Single plate



Double plates

4 Pull out the bypass load table.



5 Place the plate on the load table.



Single plate



Double plates

6 Remove the slip sheet.

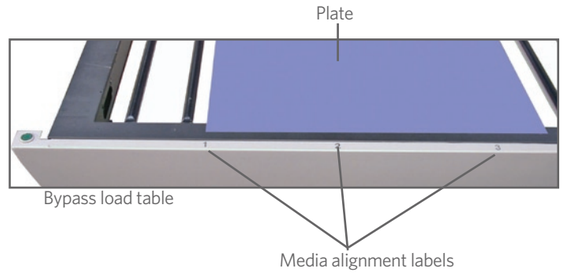


Single plate



Double plates

7 Align the plate with the media alignment labels.



CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

8 Register the plate. Position the leading edge against the end stop.



Single plate



Double plates

9 Press the Start button.



Left side



Right side

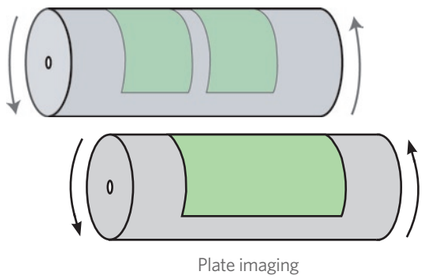
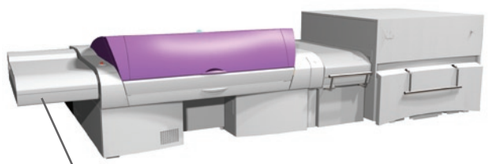


Plate imaging

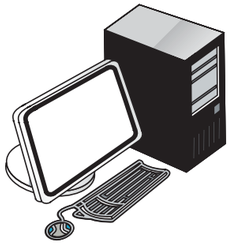
Imaging is complete.



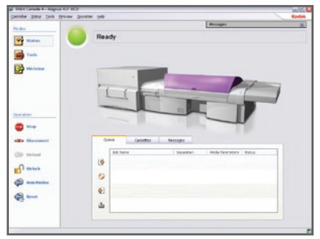
Imaged plates unload here.

Repeat steps 1 to 9 to image another plate.

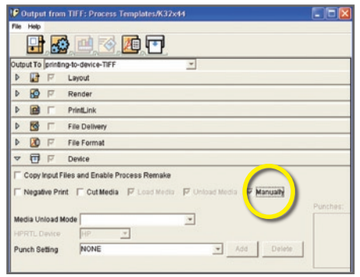
Imaging a Plate in Bypass Mode Using a TIFF Workflow With Prinergy Evo



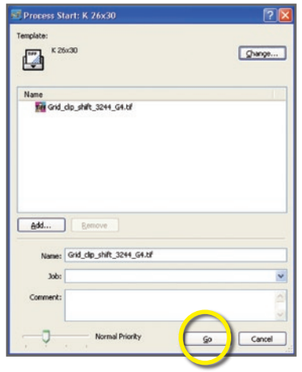
The Magnus VLF platesetter is in automatic mode.



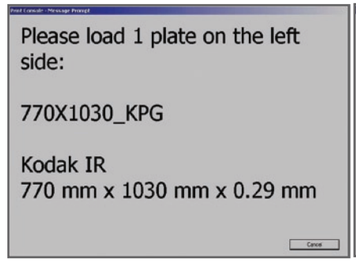
1 Select the **Manually** check box in your template.



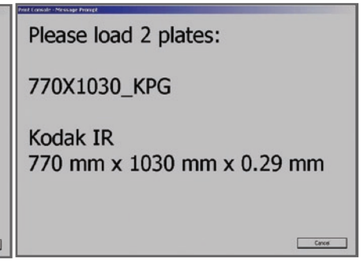
2 In the Kodak Prinergy Evo software, click **Go** to submit the file.



3 Ensure the correct plate size is available for loading.



Single plate



Double plates

4 Pull out the bypass load table.



CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

5 Place the plate on the load table.



Single plate



Double plates

6 Remove the slip sheet.

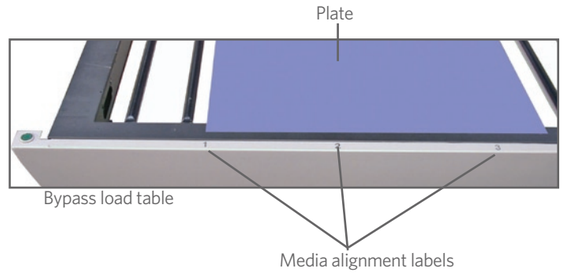


Single plate



Double plates

7 Align the plate with the media alignment labels.



8 Register the plate. Position the leading edge against the end stop.



Single plate



Double plates

9 Press the Start button.



Left side



Right side

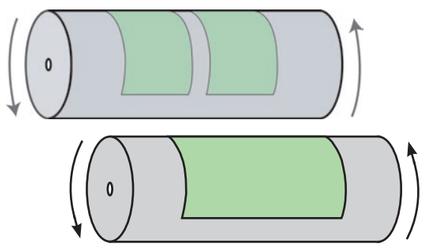
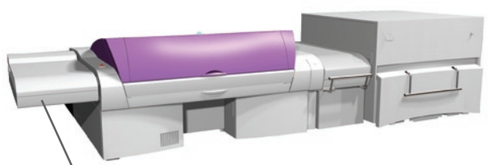


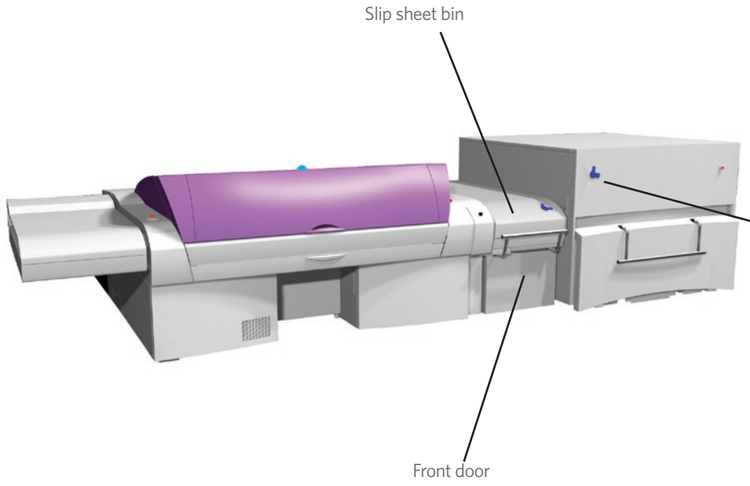
Plate imaging

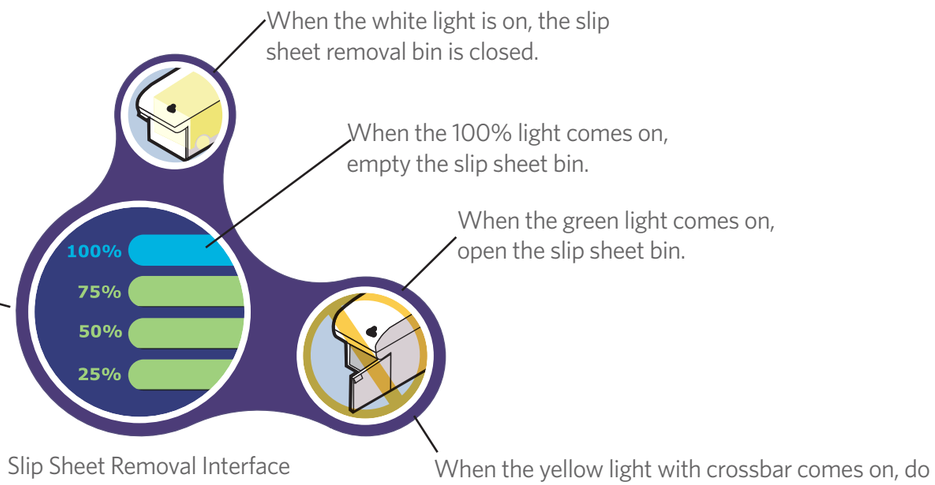
Imaging is complete.



Repeat steps 1 to 9 to image another plate.

Emptying the Slip Sheet Bin





1 Open the front door.





2 Pull out the slip sheet bin.

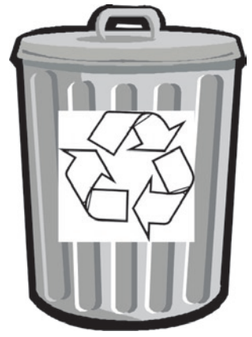




3 Push the slip sheet bin to your disposal area.



4 Empty the slip sheet bin.



5 Push the empty slip sheet bin back into the device.





Use these tracks to align the slip sheet bin.

6 Close the front door.





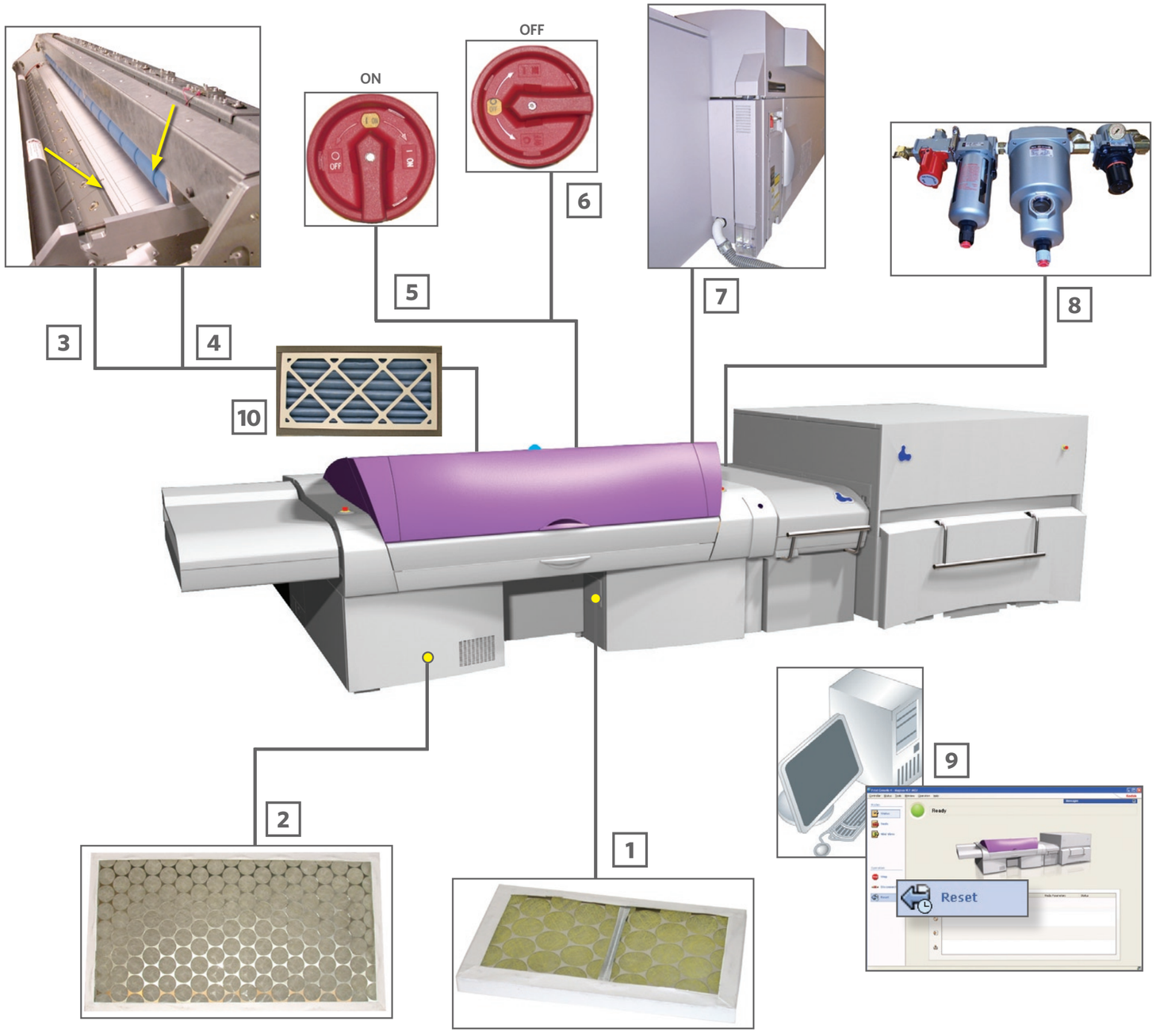
Operator Maintenance Schedule

Operations		
Turn on the output device [1]	5	These operations are required for some of the maintenance procedures below.
Turn off the output device[1]	6	
Reset the output device[1]	9	

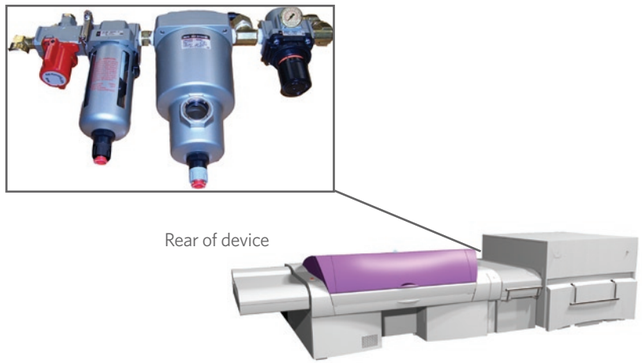
Maintenance Procedure		Work to Be Done	How Often	Date Work Completed
Exterior surfaces		Clean	Weekly	
Edge detection strip[1]	3	Clean	Six months or as needed	
Heat exchanger intake air filter[1, 2]	2	Replace		
Rear fan filters	10	Replace		
Power box intake air filter [1]	1	Replace		
Compressed air supply particulate filter (only)[1]	8	Replace		
Plate roller[1]	4	Clean		
Punch chip collection box[1, 3]	7	Empty	As needed	

1 This procedure is included in this visual reference guide.
2 This procedure applies only to models with the heat exchanger option.
3 This procedure applies only to models with the punch option.

For more information, see the Print Console Help.
All software images refer to Print Console version 4.x.



Replacing the Air Supply Particulate Filter



CAUTION: To prevent possible serious injury from flying parts or loud noise caused by the release of high-pressure air during filter replacement, confirm that the compressed air supply is turned off before installing the new air supply particulate filter.

1 Open the air supply filter panel.



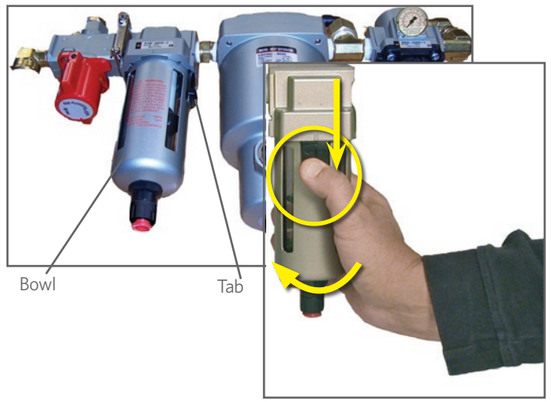
2 Turn off the compressed air.



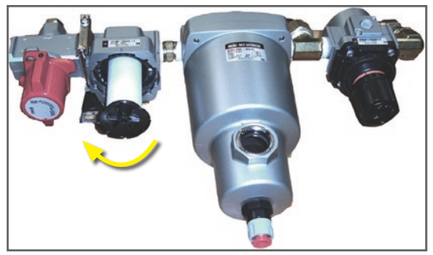


0 psi

3 Unscrew the bowl. Pull the tab down and turn the bowl 45° to the left.



4 Install the new filter.





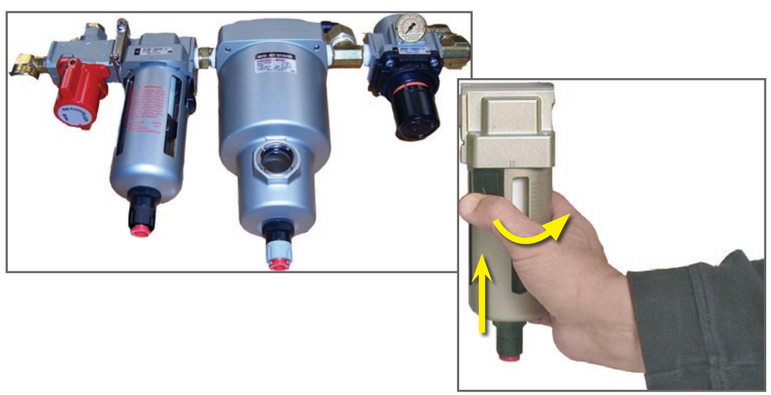
Particulate filter

5 Clean the inside of the bowl with warm water and mild soap.

6 Replace the O-ring, if necessary.



7 Reattach the bowl. Push the bowl up and turn it to the right until it clicks.



8 Turn on the compressed air.

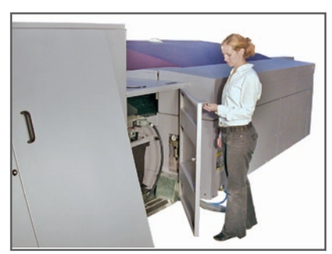






100–125 psi

9 Close the air supply filter panel.





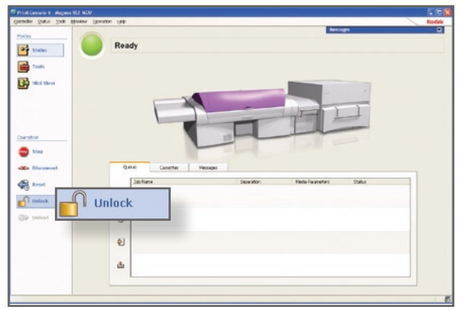
Cleaning Inside the Device

1 Ensure the device is in an idle state.

The device is idle when you have not submitted a job for 30 minutes. During this period, the drum and plate rollers are locked. After 30 minutes, they unlock automatically.

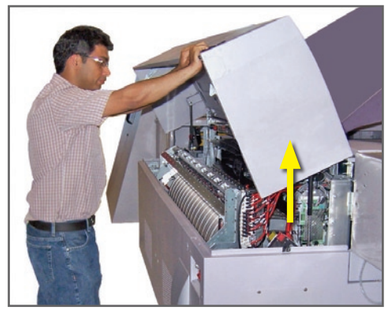
2 Open the rear hood:

a In Print Console, unlock the panels.



b Turn the handle counterclockwise and lift the hood upward.



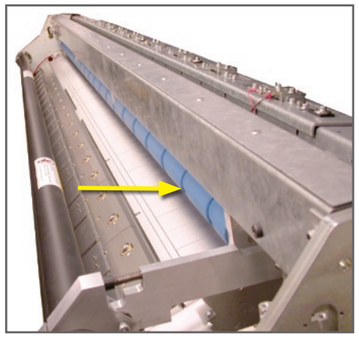




The interior of the device is exposed for cleaning.

Cleaning the Plate Roller

3 Locate the blue plate roller.



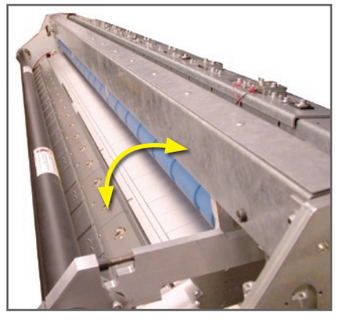
4 Dampen a lint-free cloth with water, and slide the cloth over the plate roller.

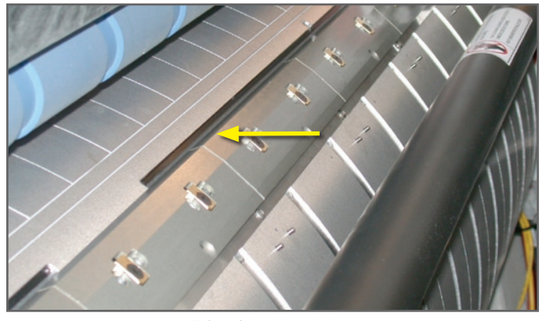


NOTICE: Do not clean the plate roller with detergent or alcohol.

Cleaning the Edge Detection Strip

3 Rotate the drum to expose the edge detection strip.





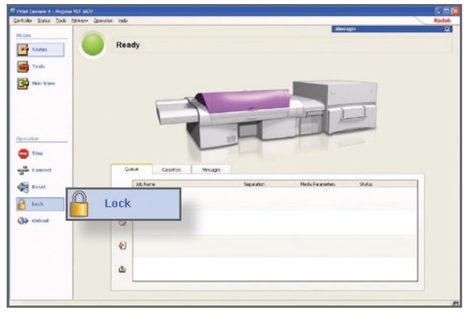
Edge detection strips

4 Dampen a cloth with isopropanol, and slide it along the edge detection strip.

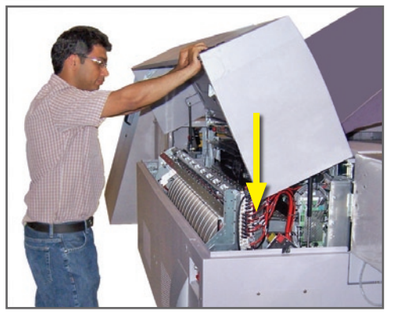


5 Close the rear hood:

a In Print Console, lock the panels.



b Pull down the rear hood.



Replacing the Power Box Intake Air Filter



Power box filter panel

1 Open the power box filter panel.

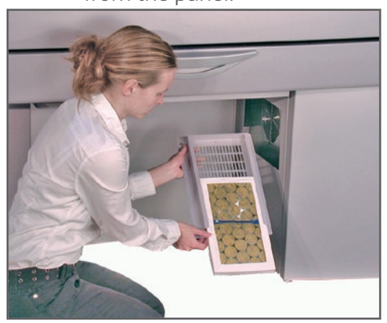
a Loosen the thumb screws.



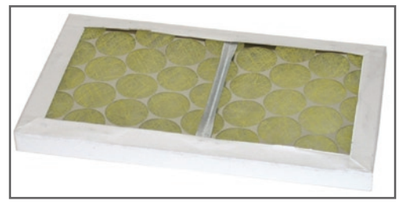
b Remove the panel.



2 Remove the old intake air filter from the panel.



3 install the new intake air filter.



Power box intake air filter (part number 55-1292A)

4 Close the power box filter panel.

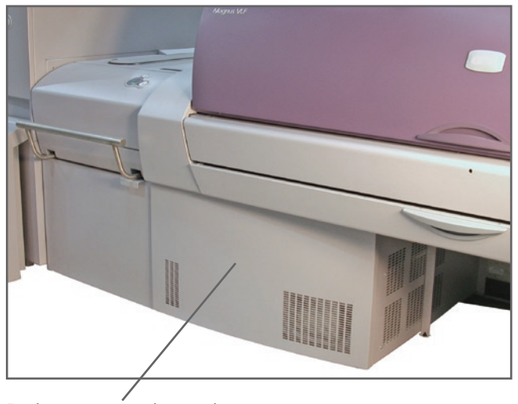
a Replace the panel.



b Tighten the thumb screws.



Replacing the Heat Exchanger Intake Air Filter



Debris removal panel

1 Open the debris removal panel.

a Pull the debris removal panel toward you.



b Lift and remove the panel.



2 Remove the old intake air filter.



3 Install the new intake air filter.



Heat exchanger intake air filter (part number 328-00026)

4 Close the debris removal panel.

a Replace the debris removal panel.



b Push the panel back into place.

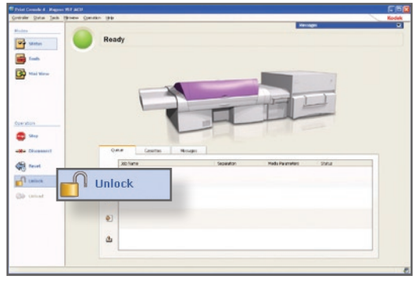


Replacing the Rear Fan Filters

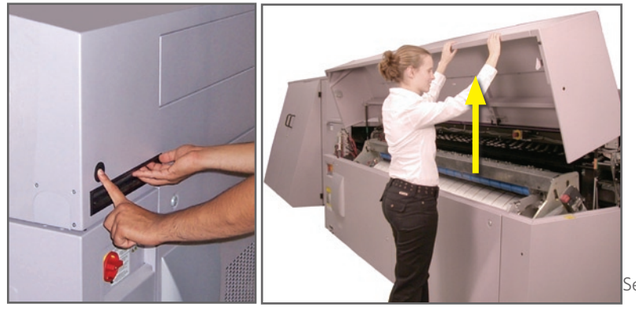
The Magnus VLF platesetter has two fans at the rear of the device.
Replace the filters for these fans every six months.

1 Open the hood:

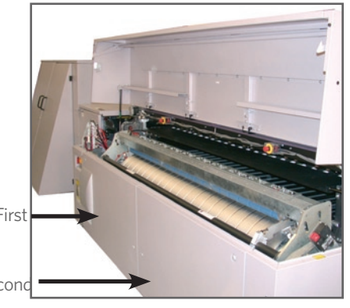
a In Print Console, unlock the Magnus VLF panels.



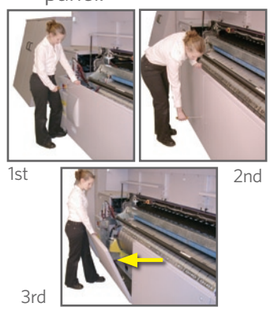
b Push the black button and lift the rear hood.



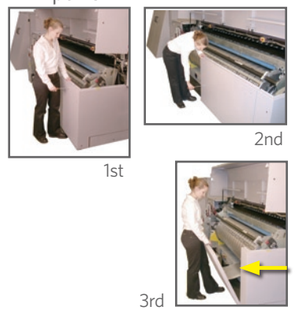
2 Remove the rear panels in their correct order.



a Remove the left-rear panel.



b Remove the right-rear panel.





Rear fan filter

3 Remove the old rear fan filters and insert new ones.

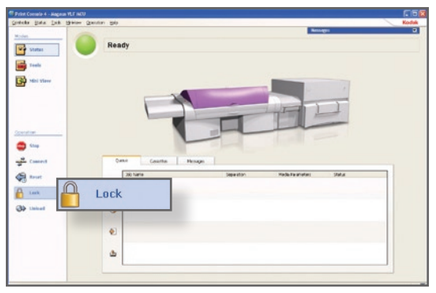


Use the air flow arrow as a guideline for correct installation. The arrow should point toward the fan so that the side with the wire mesh faces the interior of the device.

4 Replace the rear panels and close the rear hood.



5 In Print Console, lock the panels.

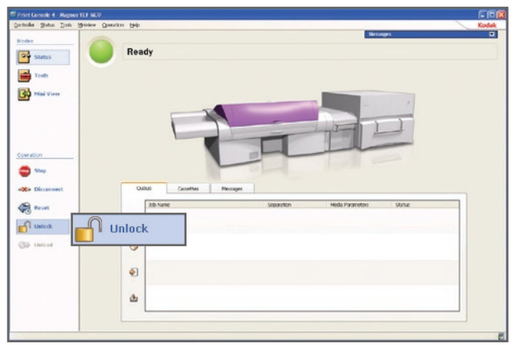


Raising the Punch Assembly

You may need to raise the punch assembly to perform a recovery procedure. Raising the punch assembly provides access to the unload table, the load table, and the top of the drum.

1 Open the rear hood:

a In Print Console, unlock the panels.



b Push the black button and lift the rear hood.



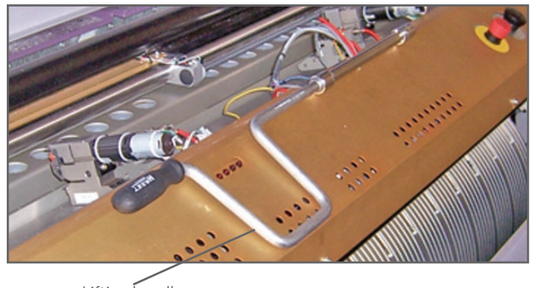




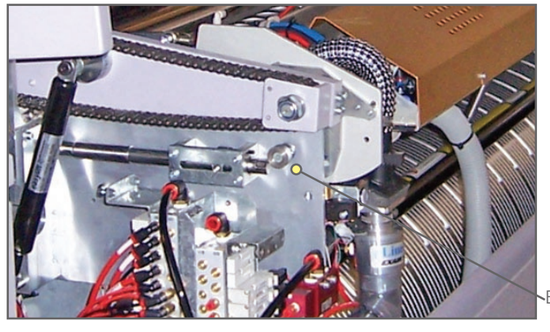
2 Standing in front of the punch assembly, pull it toward you.

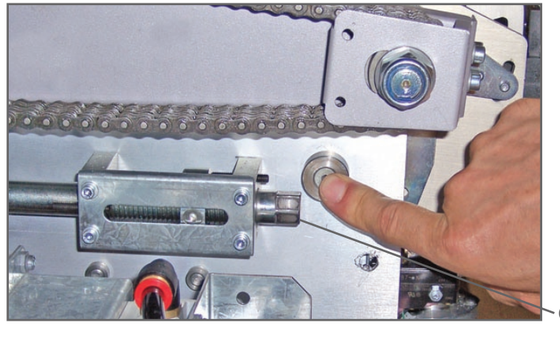


3 Remove the lifting handle from its storage location.

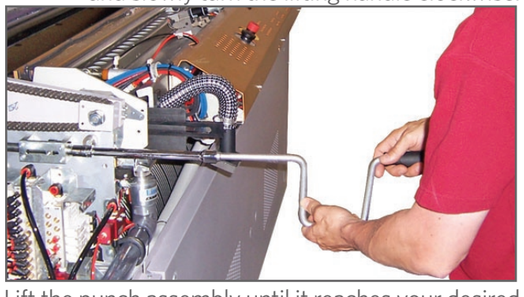


4 Push in the blue lock-out knob.

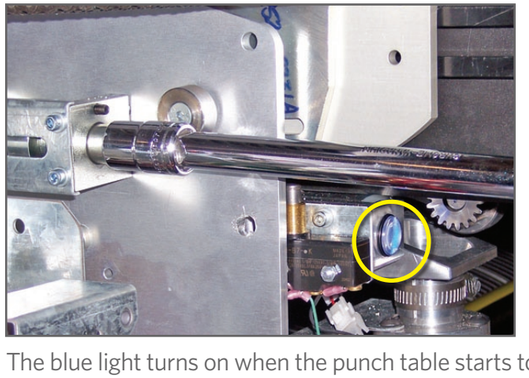




5 Attach the lifting handle to the crankshaft and slowly turn the lifting handle clockwise.



Lift the punch assembly until it reaches your desired level or is in the fully up position.



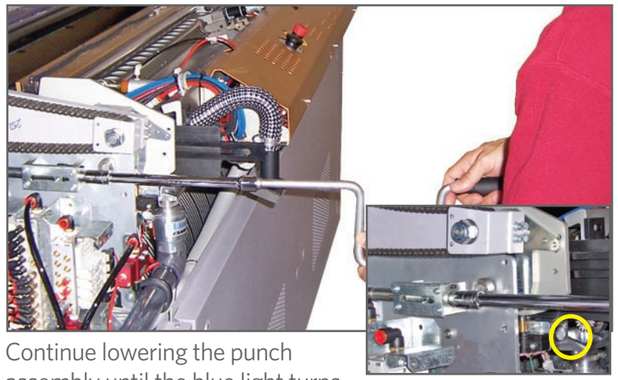
The blue light turns on when the punch table starts to lift.

The punch assembly in the fully up position.



Lowering the Punch Assembly From the Raised Position

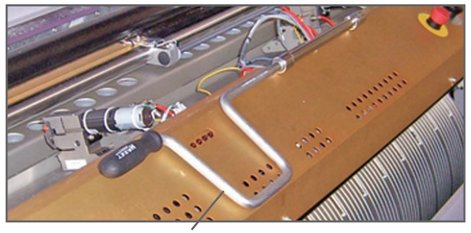
1 Attach the lifting handle to the crankshaft and slowly turn the lifting handle clockwise.



Continue lowering the punch assembly until the blue light turns off.

The blue light turns off when the punch assembly is in its original position.

2 Return the lifting handle to its storage location.



Lifting handle

3 Push the punch assembly forward until you hear a click. You will feel some resistance.

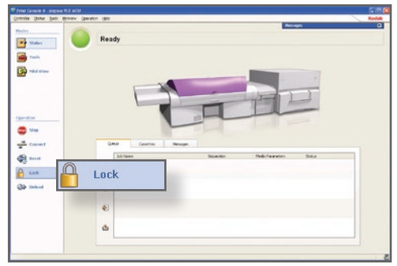


NOTICE: If you do not push the punch assembly fully forward, you will not be able to close the rear hood.

4 Close the rear hood.



5 In Print Console, lock the panels.



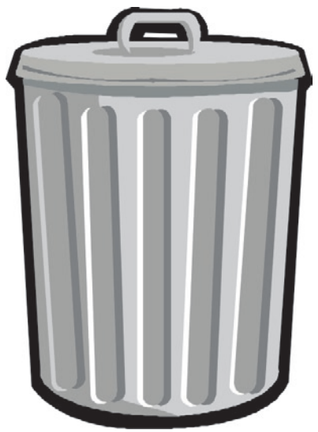
Emptying the Punch Chip Collection Box



1 Pull out the chip collection box.



2 Empty the chip collection box.

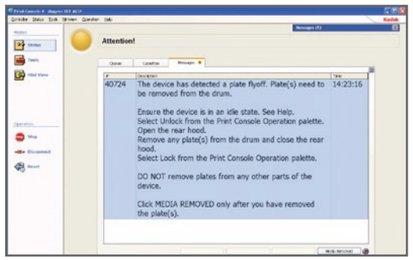


3 Reinsert the chip collection box.



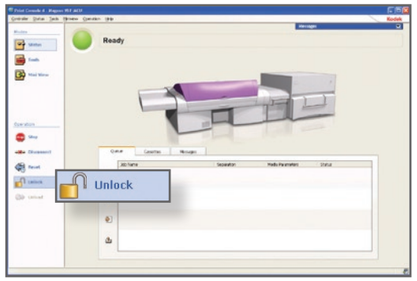
Removing a Plate Flyoff

An error message about the plate flyoff appears.



1 Open the hood:

a In Print Console, unlock the Magnus VLF panels.

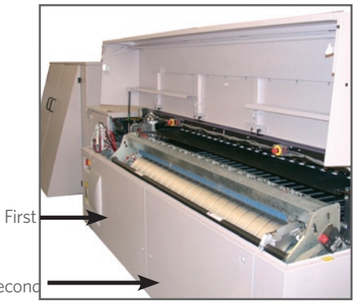


b Push the black button and lift the rear hood.

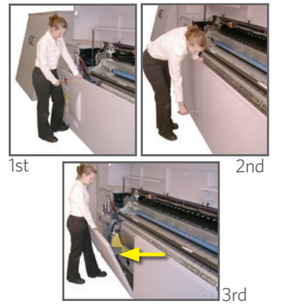




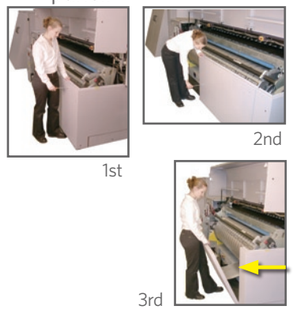
2 Remove the rear panels in their correct order.



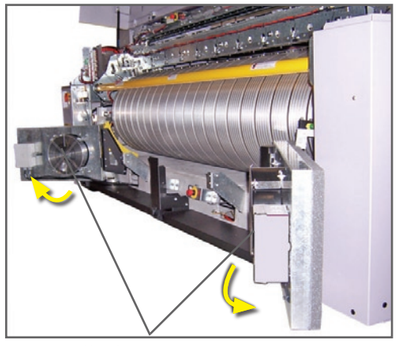
a Remove the left-rear panel.



b Remove the right-rear panel.



3 Pull the cooling fans away from the drum.



Cooling fans

4 Rotate the drum to expose the trailing-edge clamps.

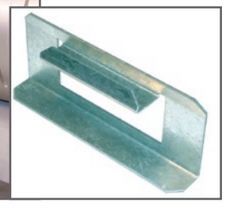


CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

5 Using the clamp removal tool, slide the trailing-edge clamps off the plate.



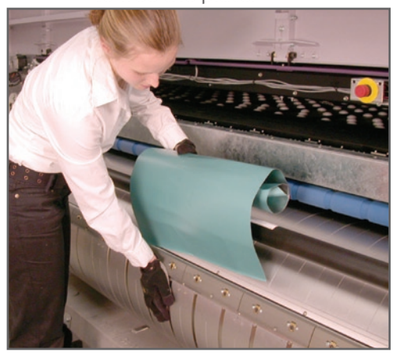
The clamp removal tool is stored in the rear of the device.



6 Fold over the corners of the plate.



7 Press the leading-edge clamps to free the plate.

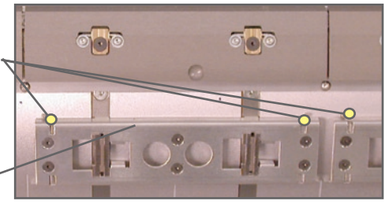


8 Reposition the trailing-edge clamps.



a Using the clamp removal tool, lift the trailing-edge clamps and reposition them. You will have to twist and pull to remove the clamp removal tool.

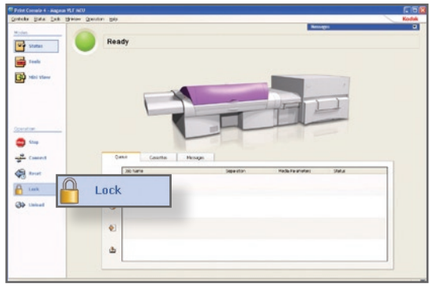
b Align the trailing-edge clamps so that their edges press against the registration pins.



9 Replace the rear panels and close the rear hood.



10 In Print Console, lock the panels.



11 In Print Console, click **Media Removed.**

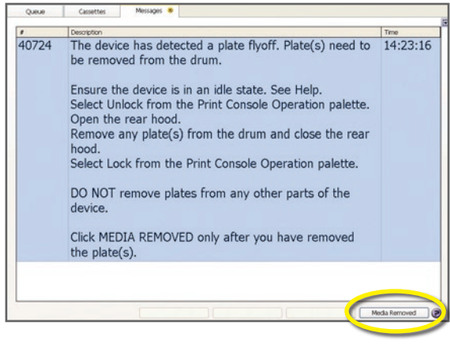
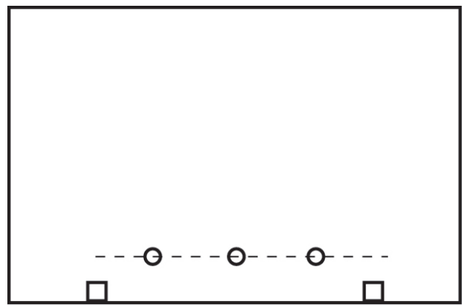


Plate Registration

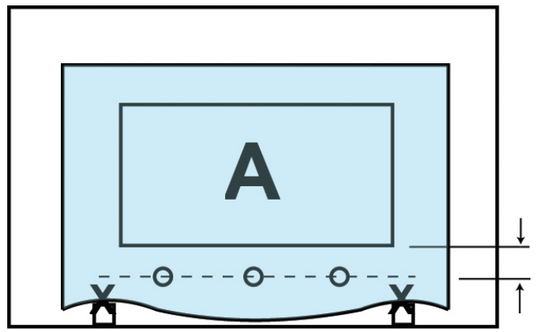
CTP Registration



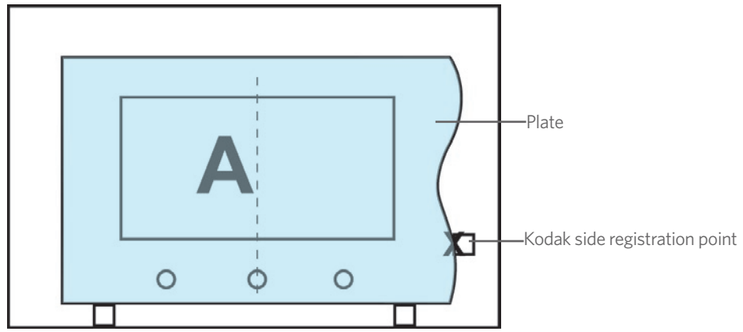
Punch table

Correct

Plate positioned on the punch table using Kodak registration



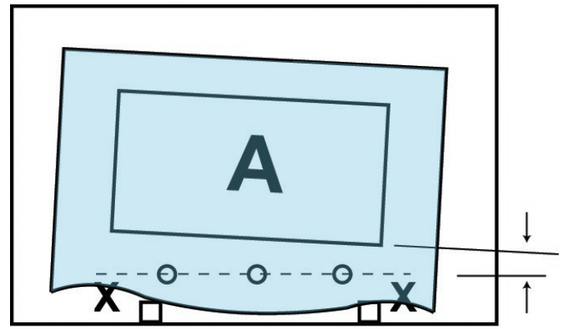
The image is correctly aligned (parallel) with the punched holes or bend. (An X represents the CTP registration pins, and the square shapes represent the punch registration pins.)



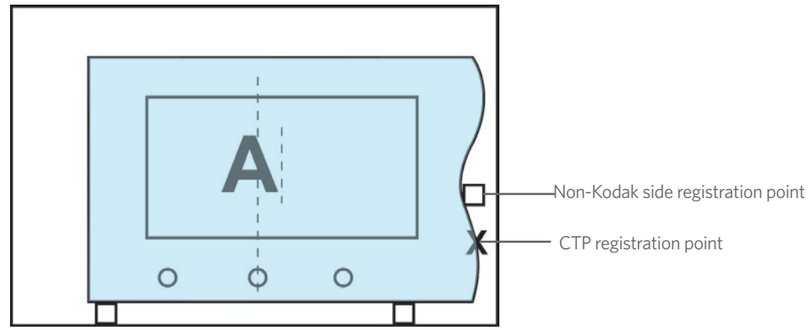
The image and punched holes are aligned without side shift.

Incorrect

Plate positioned on the punch table using non-Kodak registration

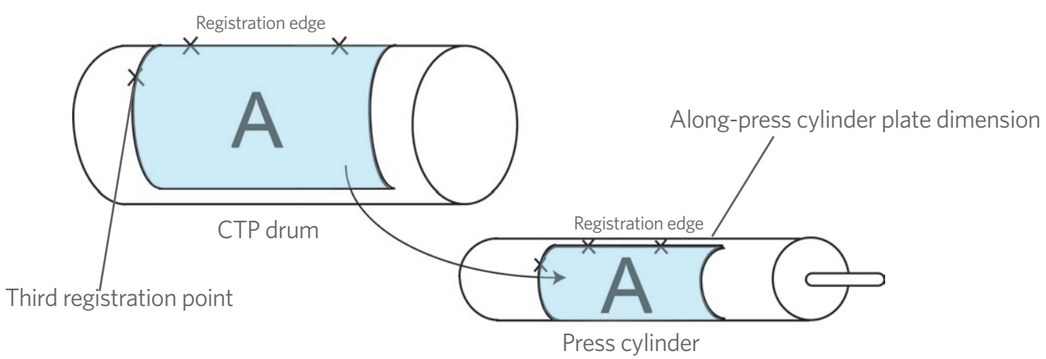


The image is incorrectly aligned (rotated) with the punched holes or bend. (An X represents the CTP registration pins, and the square shapes represent the punch registration pins.)

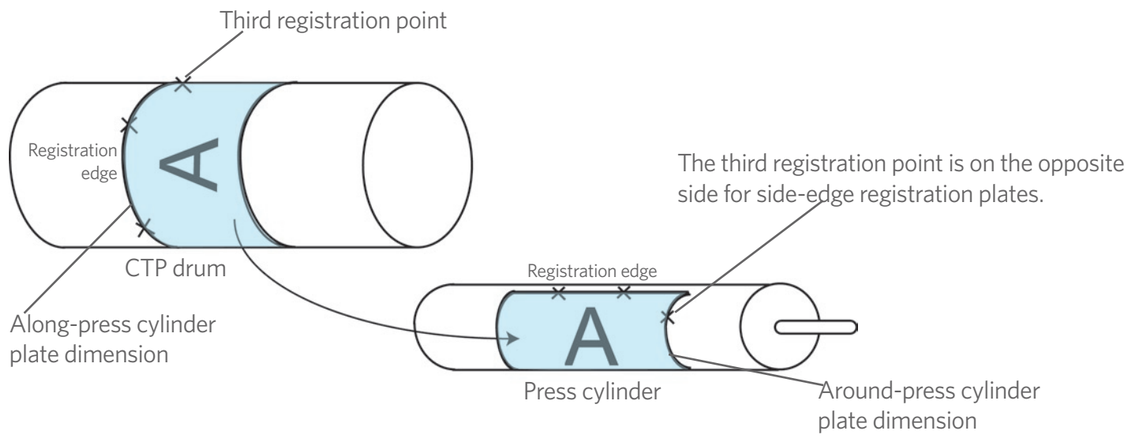


The image and punched holes are not aligned and shifted sideways.

Leading-Edge Registration



Side-Edge Registration



Eastman Kodak Company
343 State Street
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