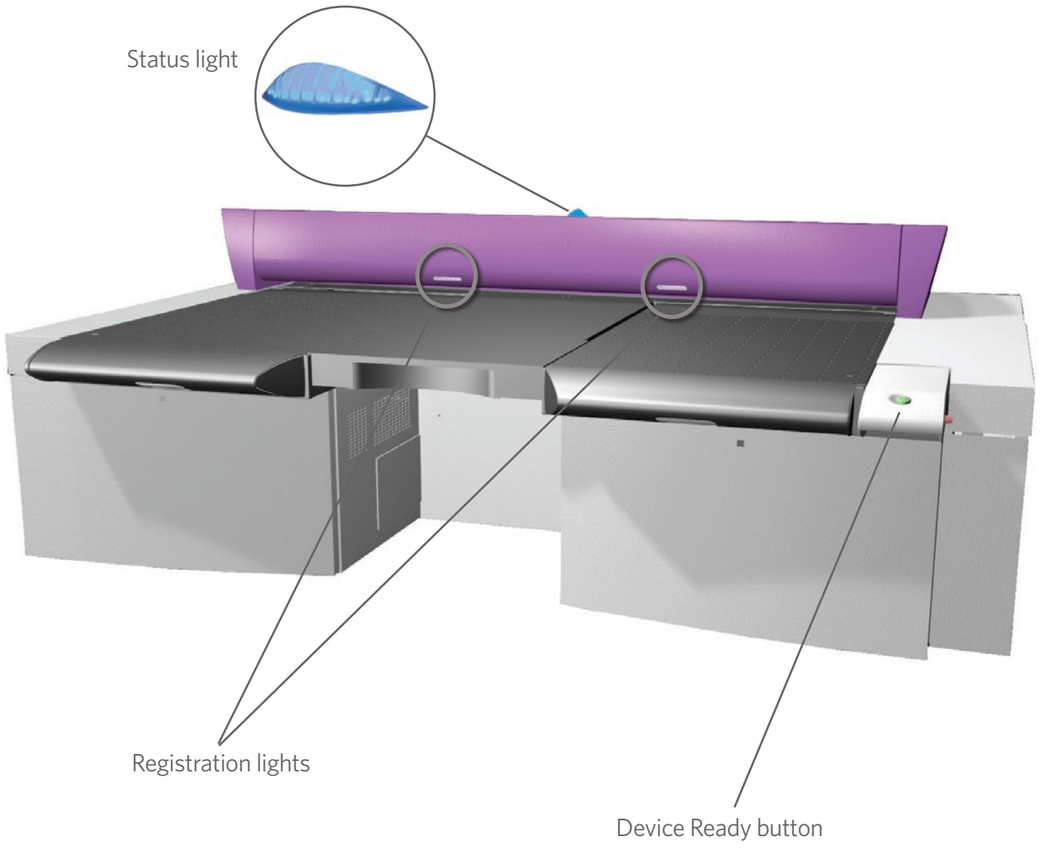
Kodak

Magnus VLF
Output Device

Visual Reference Guide
English

653-00738D-EN Rev A
Internal 732-00016D-EN Rev A

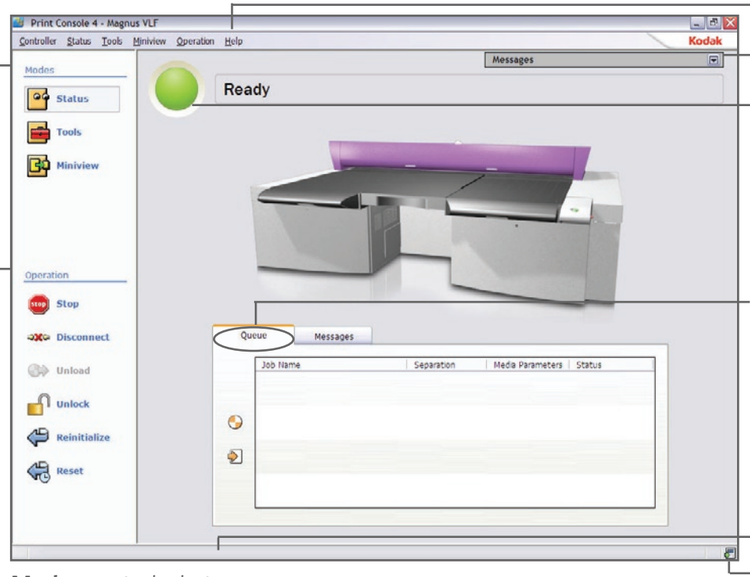
Operational Lights and What They Mean



Status Light	Registration Lights	Device Ready Button	Operator Action
Off	Off	Solid green	The device is ready. Submit a job from the workflow software when you're ready.
Solid blue	Flashing white	Solid green	The device is waiting to register a plate. Place a plate on the table and register it.
Solid blue	Solid white	Solid green	The plate has registered successfully. Wait—the device is clamping a plate.
Solid green	Off	Solid green	Wait—the device is imaging a plate.
Flashing green	Off	Solid green	Wait—the device is unloading a plate.
Flashing blue	Off	Solid green	Remove the plate from the load table.
Flashing yellow	Off	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	Off	The device is turned off.

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.

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

Status messages

Status of workflow connection

Modes control what you see on screen.

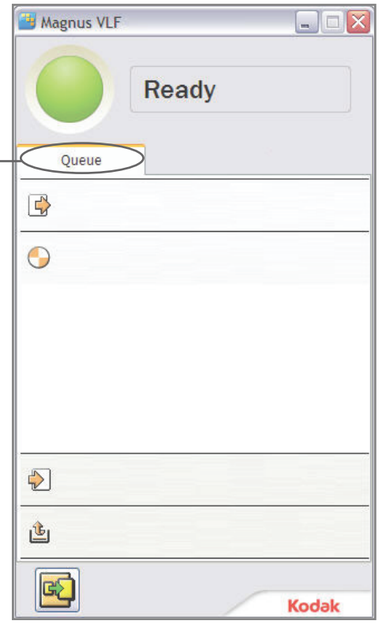
Operation buttons and menu items allow you to quickly perform everyday tasks.
Only the buttons and menu items that are relevant to your device appear on-screen.

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

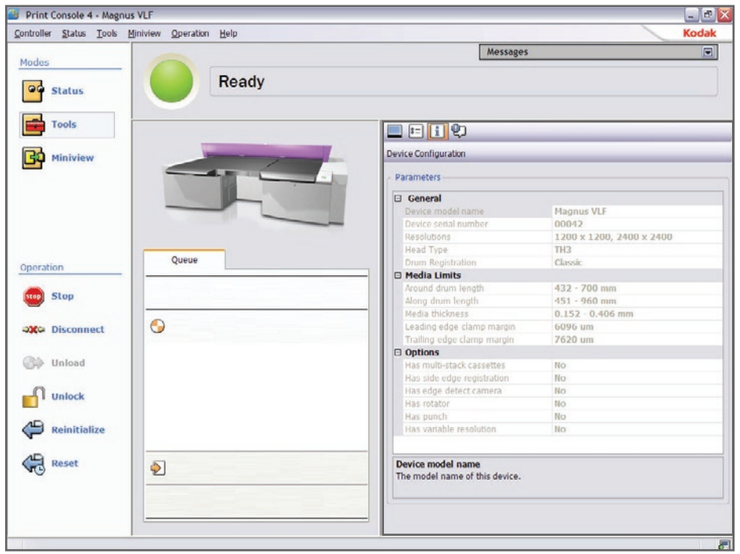


Online Help

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

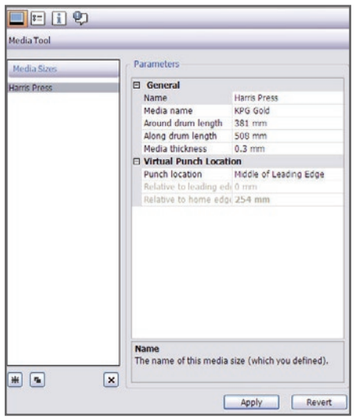


Tools Mode: Configure Print Console

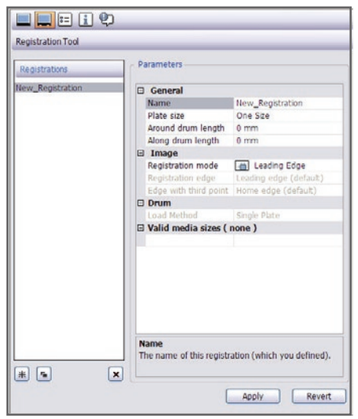


Device Configuration: View device-specific information.

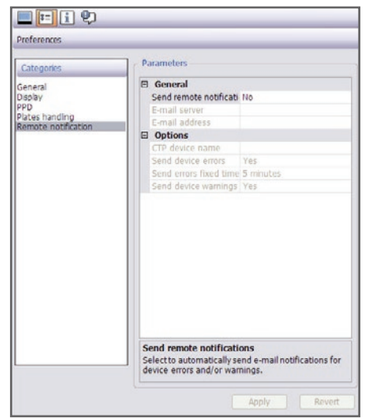
Media Tool:
Define media sizes.



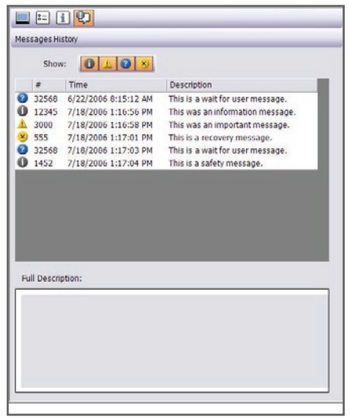
Registration Tool:
Define registration settings.



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



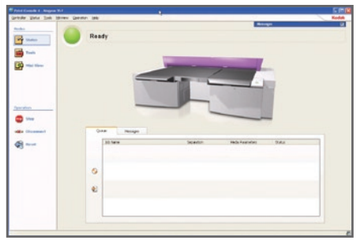
Messages History:
Review recent messages.



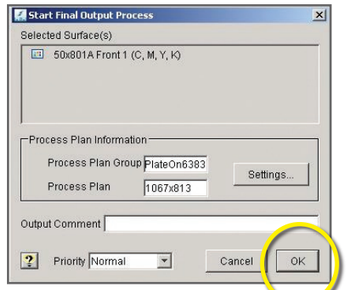
Loading and Imaging a Plate Using Prinergy Connect



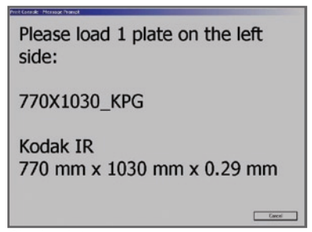
The Magnus VLF is in semiautomatic mode.



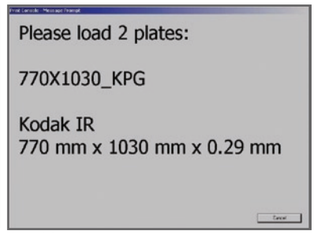
1 In the Kodak Prinergy® Connect® software, click **OK** to submit the file.



2 Ensure that the correct plate is available for loading.



Single plate



Double plates

3 If loading a small plate, lower the table drop leaf.

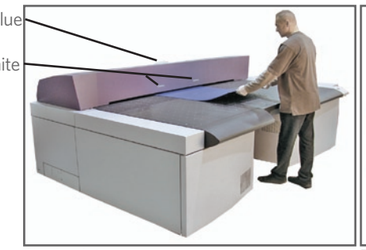


CAUTION: When you lower the table drop leaf, do not use a plate larger than 1 m (39 in.) around the drum. The plate will extend off the table and you could cut yourself against the sharp edges.

4 Place the plates on the load table while the registration lights are flashing.

Solid blue

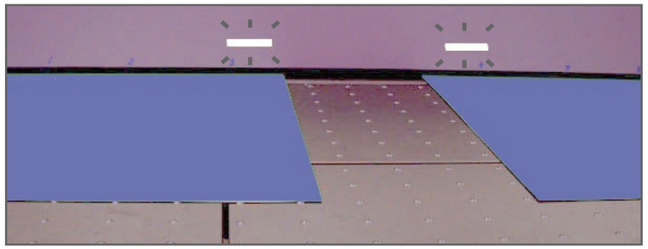
Flashing white



Single plate

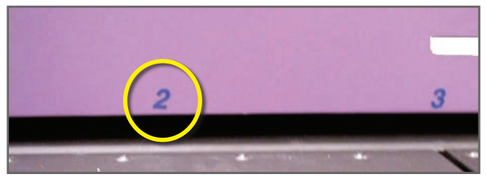


Double plates

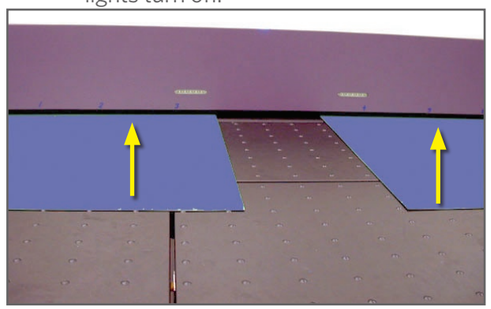


CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

5 Align the plates with the media alignment labels.



6 Gently push the plates in against the stops. Apply light pressure until the registration lights turn off.



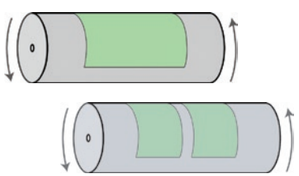
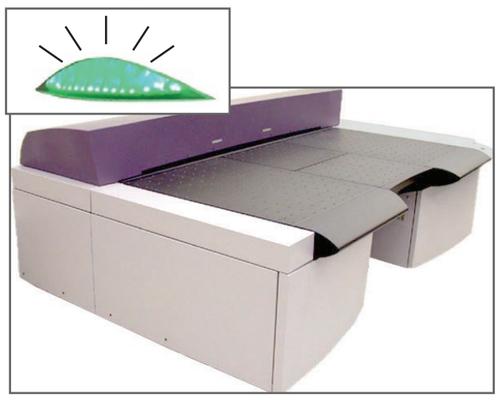


Plate imaging

7 When the status light flashes green, get ready to remove the plates.



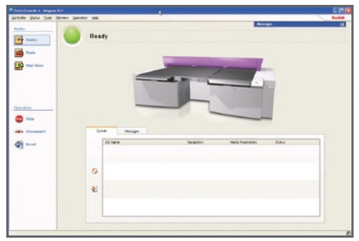
8 When the status light flashes blue, remove the plates.



Loading and Imaging a Plate Using Brisque



The Magnus VLF platesetter is in semi-automatic mode.

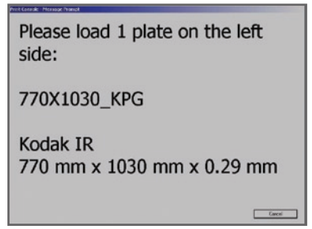


1 In the Kodak Brisque® software, click **Submit** to submit the file.

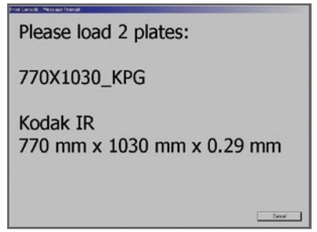


NOTE: You must have a Prinergy Evo™ TIFF output template and hot folder already set up.

2 Ensure that the correct plate is available for loading.



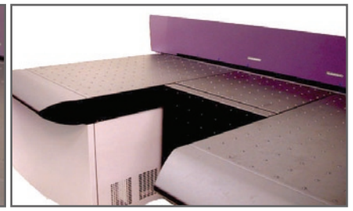
Single plate



Double plates

3 If loading a small plate, lower the table drop leaf.



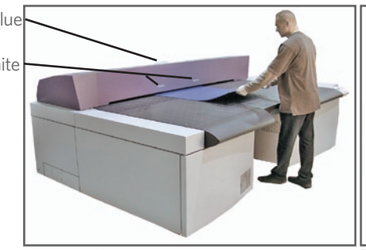


CAUTION: When you lower the table drop leaf, do not use a plate larger than 1 m (39 in.) around the drum. The plate will extend off the table and you could cut yourself against the sharp edges.

4 Place the plates on the load table while the registration lights are flashing.

Solid blue

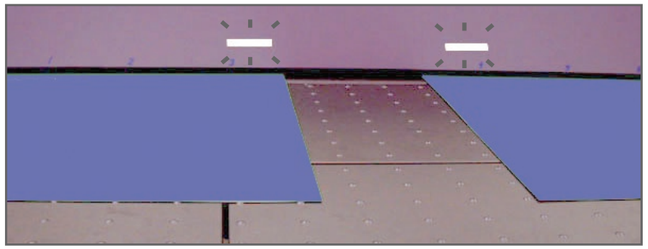
Flashing white



Single plate

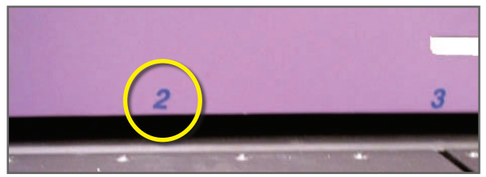


Double plates

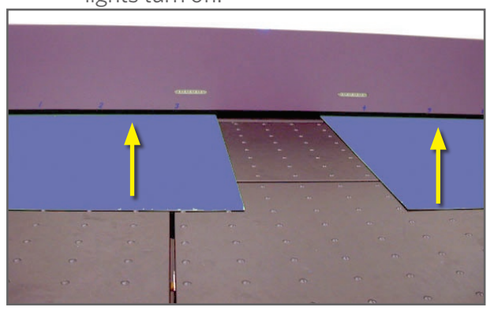


CAUTION: To prevent cuts from sharp edges, always wear protective gloves when handling plates.

5 Align the plates with the media alignment labels.



6 Gently push the plates in against the stops. Apply light pressure until the registration lights turn off.



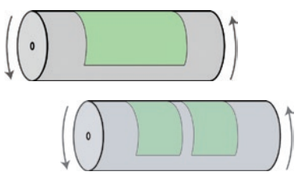
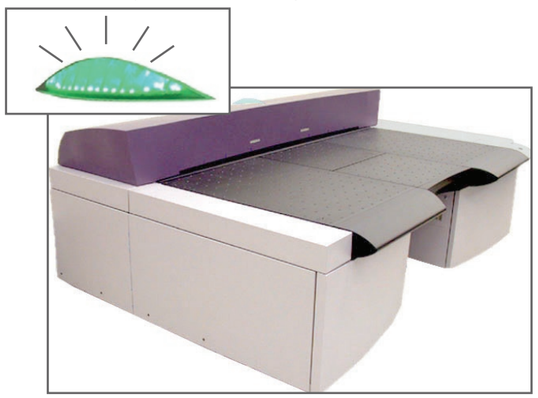


Plate imaging

7 When the status light flashes green, get ready to remove the plates.



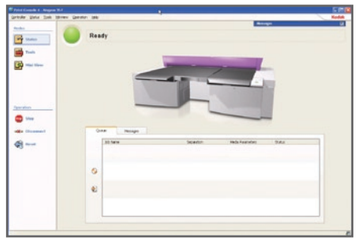
8 When the status light flashes blue, remove the plates.



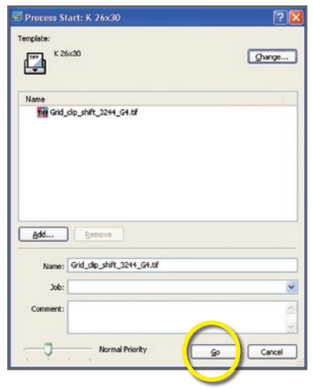
Loading and Imaging a Plate Using a TIFF Workflow With Prinergy Evo



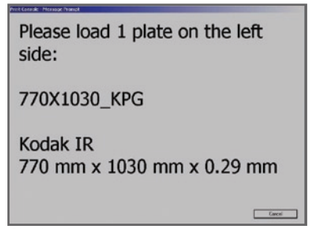
The Magnus VLF platesetter is in semiautomatic mode.



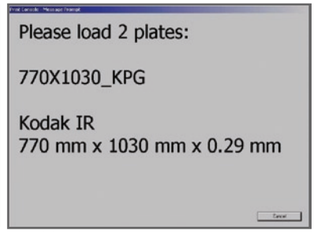
1 In the Kodak Prinergy Evo software, click **Go** to submit the file.



2 Ensure that the correct plate is available for loading.



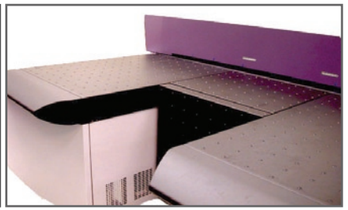
Single plate



Double plates

3 If loading a small plate, lower the table drop leaf.



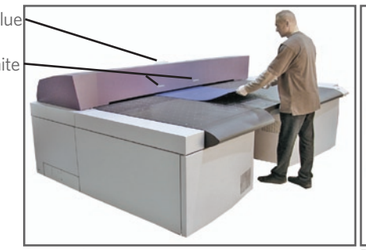


CAUTION: When you lower the table drop leaf, do not use a plate larger than 1 m (39 in.) around the drum. The plate will extend off the table and you could cut yourself against the sharp edges.

4 Place the plates on the load table while the registration lights are flashing.

Solid blue

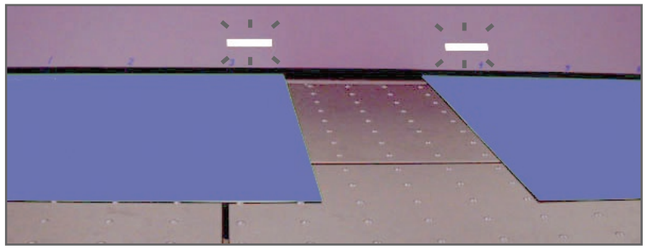
Flashing white



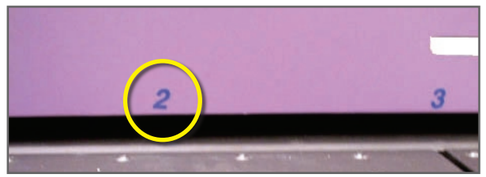
Single plate



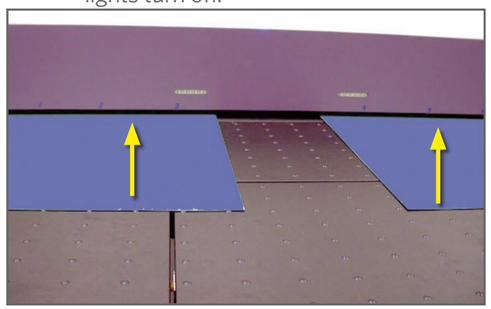
Double plates



5 Align the plates with the media alignment labels.



6 Gently push the plates in against the stops. Apply light pressure until the registration lights turn off.



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

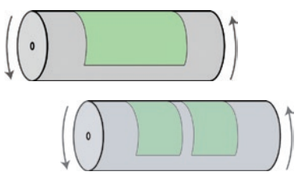
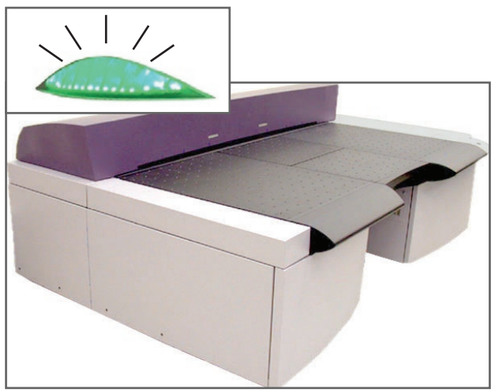


Plate imaging

7 When the status light flashes green, get ready to remove the plates.



8 When the status light flashes blue, remove the plates.



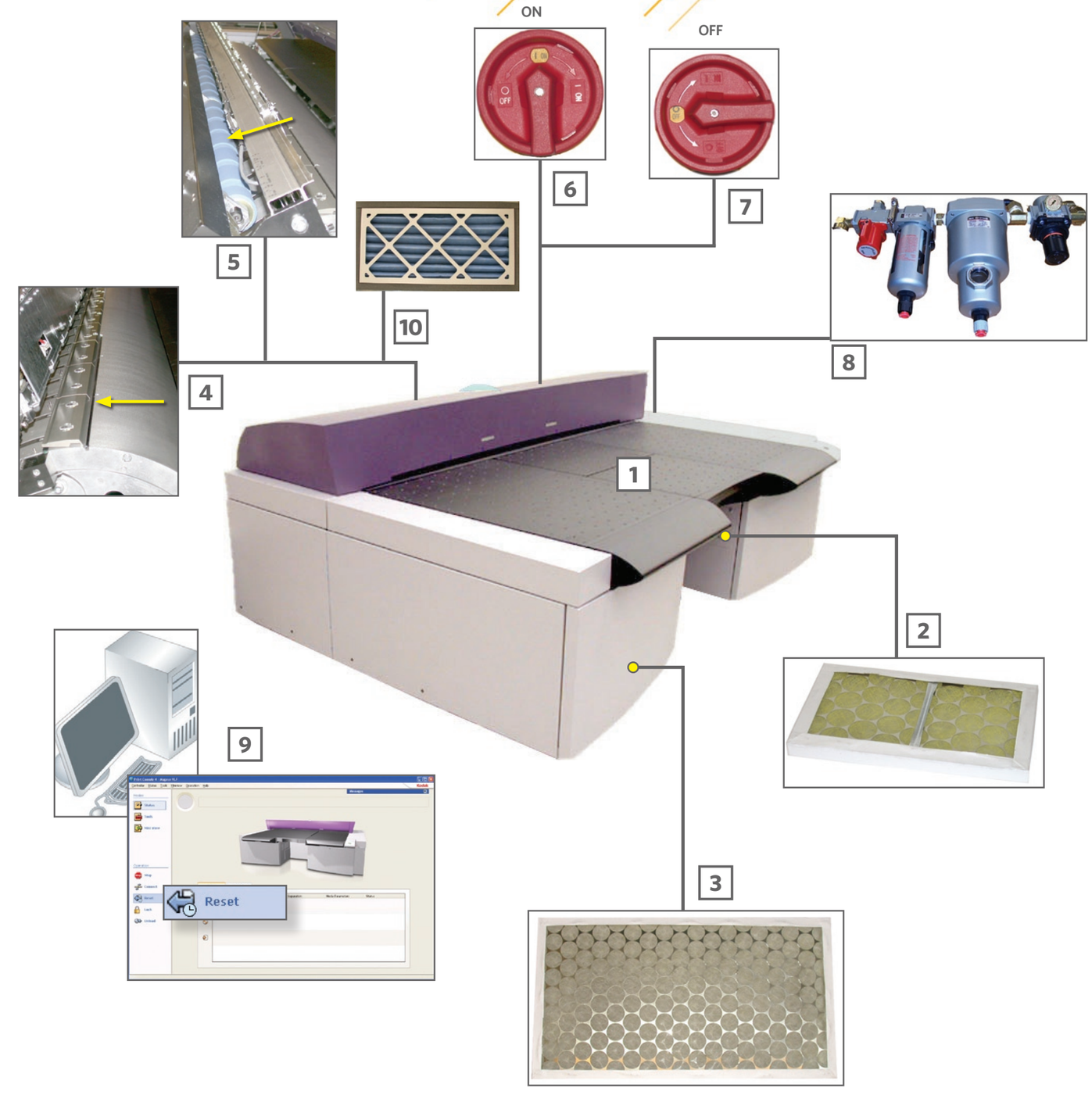
Operator Maintenance Schedule

Operations		
Turn on the output device [1]	6	These operations are required for some of the maintenance procedures below.
Turn off the output device[1]	7	
Reset the output device[1]	9	

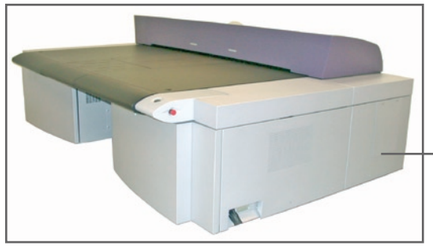
Maintenance Procedure		Work To Be Done	How Often	Date Work Completed
Exterior surfaces		Clean	Weekly	
Load table	1	Clean		
Edge detection strip [1]	4	Clean	Six months or as needed	
Heat exchanger intake air filter [1, 2]	3	Replace		
Power box intake air filter [1]	2	Replace		
Rear fan filters	10	Replace		
Compressed air supply particulate filter (only) [1]	8	Replace		
Plate roller [1]	5	Clean		

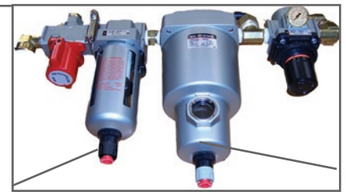
[1] This procedure is included in this visual reference guide.
[2] This procedure applies only to models with the heat exchanger option.

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



Replacing the Air Supply Particulate Filter





Coalescing filter

Particulate filter
(55-1279)

1 Open the air supply filter panel.





2 Turn off the compressed air.



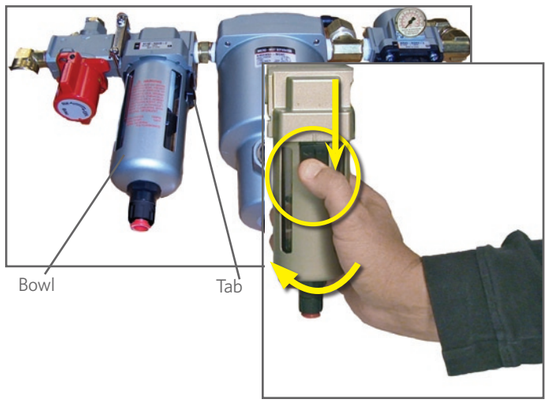




0 psi

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.

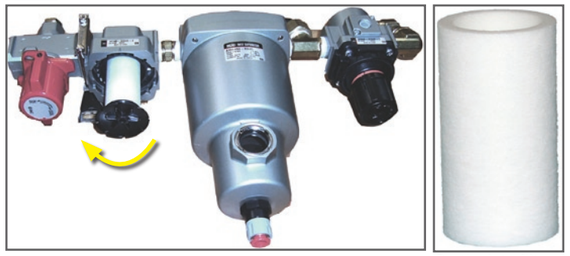
3 Unscrew the bowl. Pull the tab down and turn the bowl 45° to the left.



Bowl

Tab

4 Install the new filter.



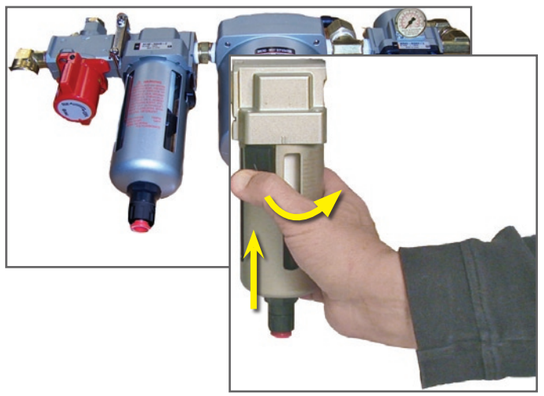
Particulate filter

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.





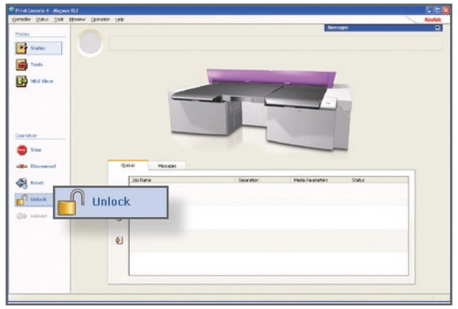
Cleaning Inside the Device

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.

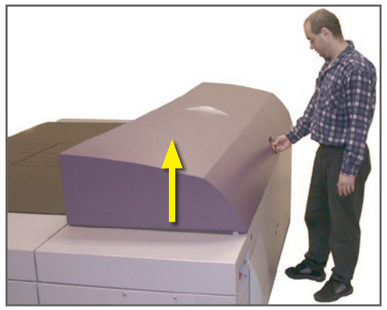
2 Open the rear hood:

a In Print Console, unlock the panels.



b Turn the handle counterclockwise and lift the hood upward.



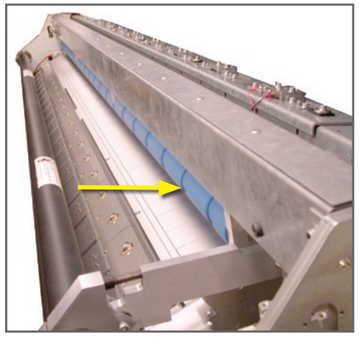




The interior of the device is exposed for cleaning.

Cleaning the Plate Roller

3 Locate the blue plate roller.



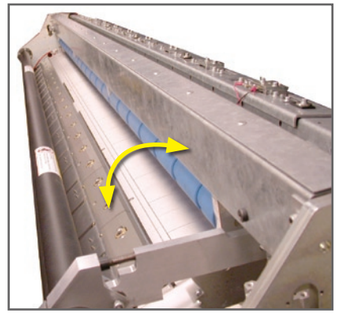
4 Dampen a lint-free cloth with water, and slide the cloth over the plate roller.

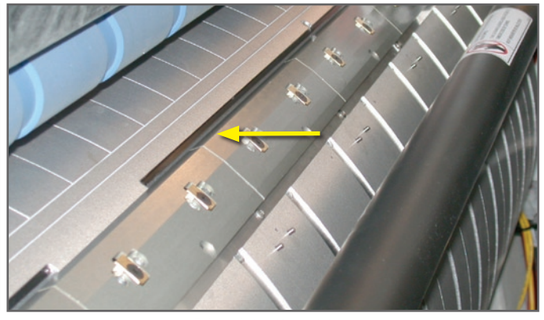


NOTICE: Do not clean the plate roller with detergent or alcohol.

Cleaning the Edge Detection Strip

3 Rotate the drum to expose the edge detection strip.





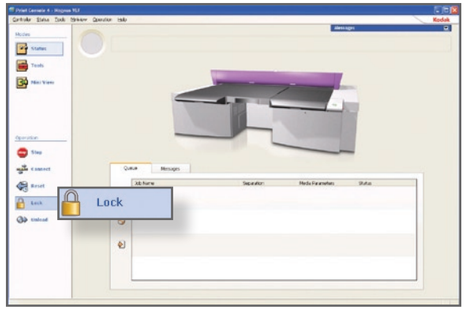
Edge detection strips

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

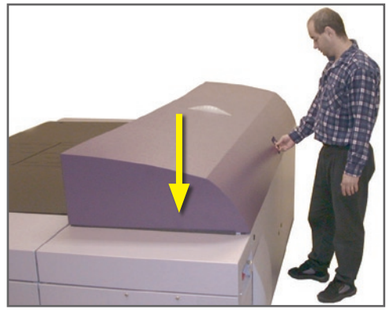


5 Close the rear hood:

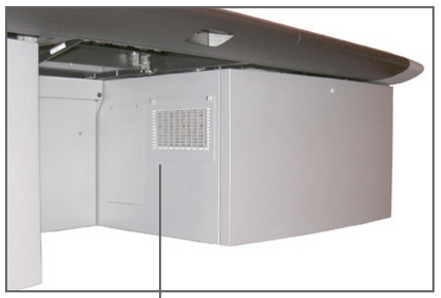
a In Print Console, lock the panels.



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.



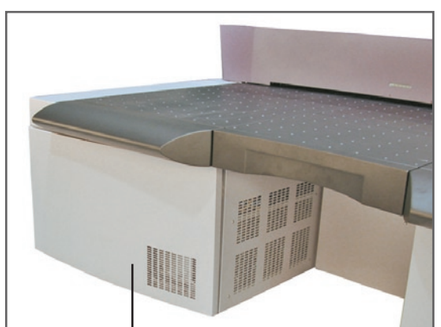
Power box intake air filter (55-1292A)

4 Replace the panel and 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.



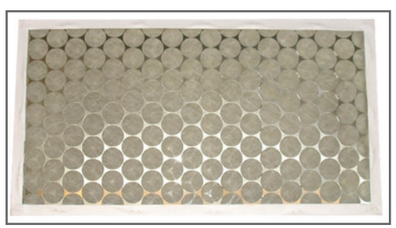
b Lift and remove the panel.



2 Remove the old intake air filter.



3 Install the new intake air filter.



Heat exchanger intake air filter (328-00026)

4 Replace the panel and push it in.



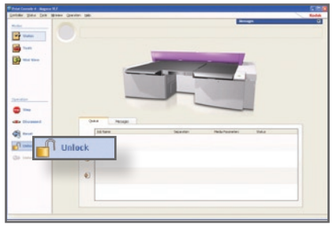


Replacing the Rear Fan Filters

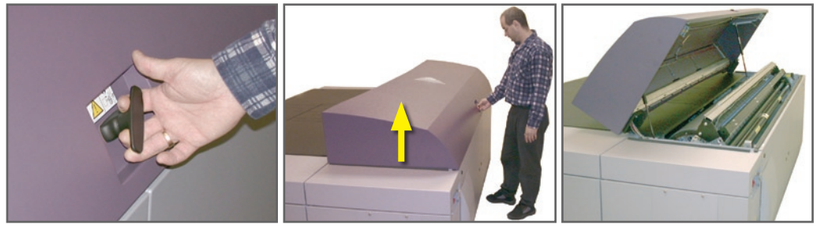
The Magnus VLF platesetter has two fans at the rear of the device.
Replace the filters for these fans every six months.

1 Open the hood:

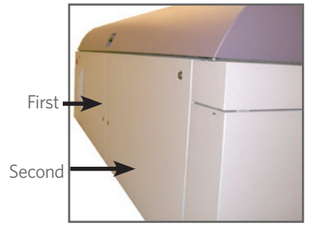
a In Print Console, unlock the panels.



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.

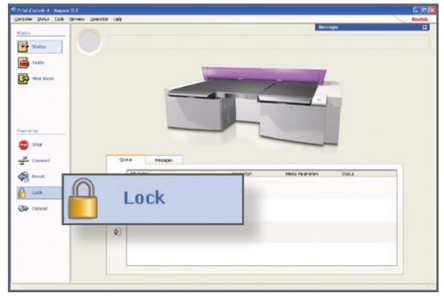


Use the air flow arrow as a guideline for correct installation. The arrow should point toward the fan so that the side with the wire mesh faces the interior of the device.

4 Replace the rear panels and close the rear hood.

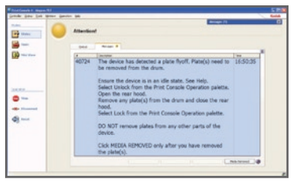


5 In Print Console, lock the panels.



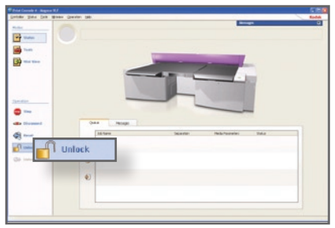
Removing a Plate Flyoff

An error message about the flyoff appears.



1 Open the hood:

a In Print Console, unlock the panels.

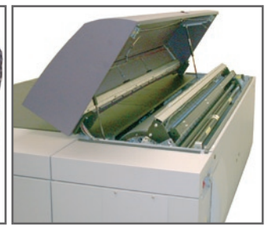


b Push the black button and lift the rear hood.

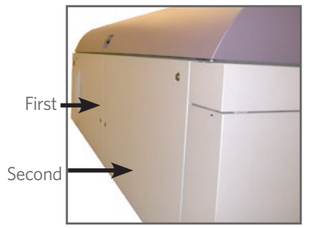




The interior of the device is exposed for cleaning.



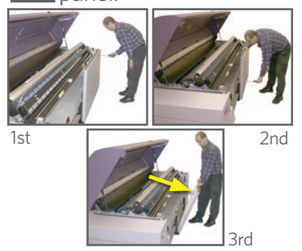
2 Remove the rear panels in their correct order.



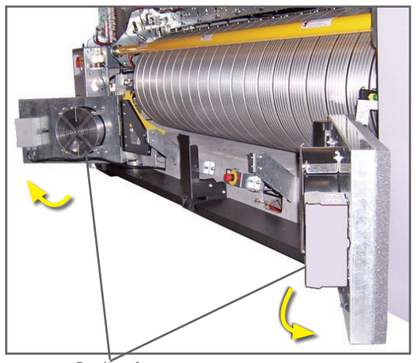
a Remove the left-rear panel.



b Remove the right-rear panel.

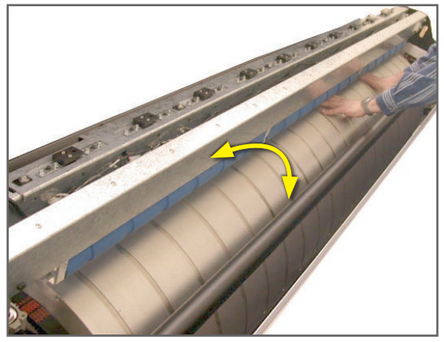


3 Pull the cooling fans away from the drum.

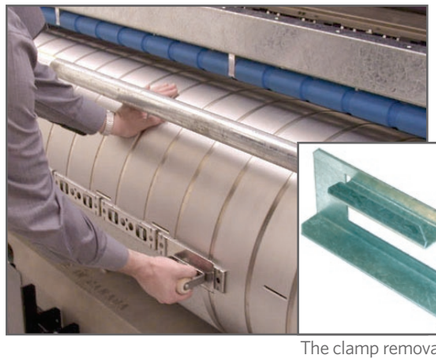


Cooling fans

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



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.



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

8 Reposition the trailing-edge clamps.

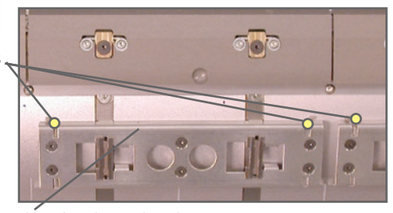


Registration pins

NOTICE: The trailing-edge clamps must be aligned correctly or you could damage your device or cause downtime.

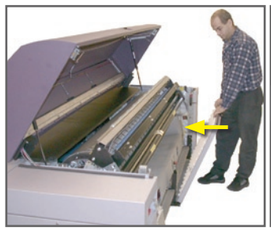
a Using the clamp removal tool, lift the trailing-edge clamps and reposition them. You will have to twist and pull to remove the clamp removal tool.

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



Edge of trailing-edge clamp

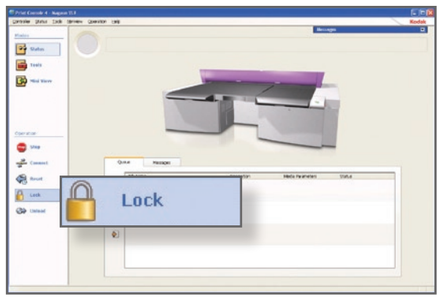
9 Replace the rear panels and close the rear hood.







10 In Print Console, lock the panels.



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

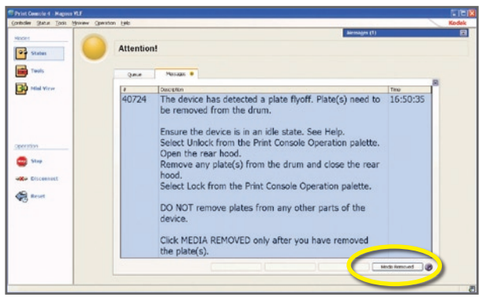
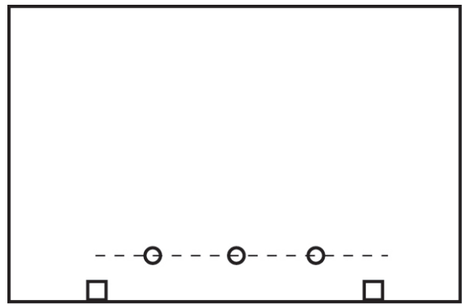


Plate Registration

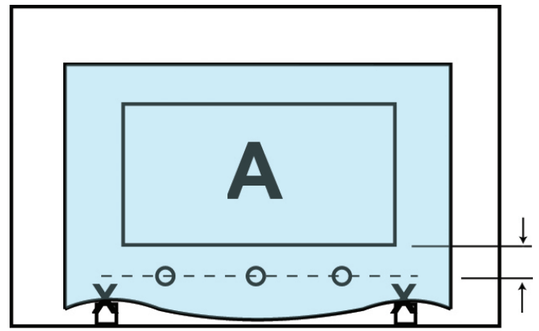
CTP Registration



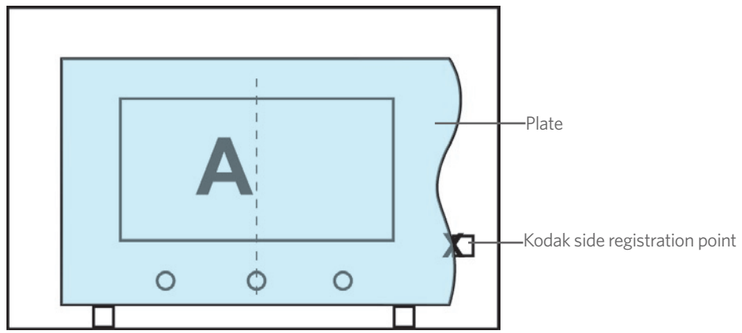
Punch table

Correct

Plate positioned on the punch table using Kodak registration



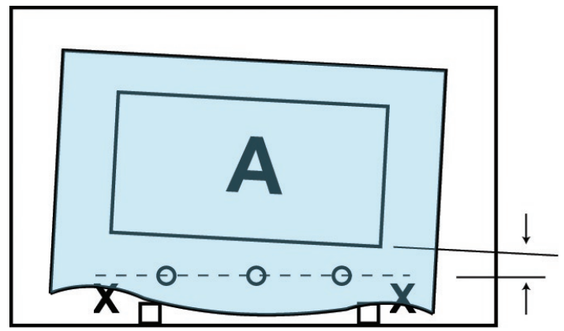
The image is correctly aligned (parallel) with the punched holes or bend. (An X represents the CTP registration pins, and the square shapes represent the punch registration pins.)



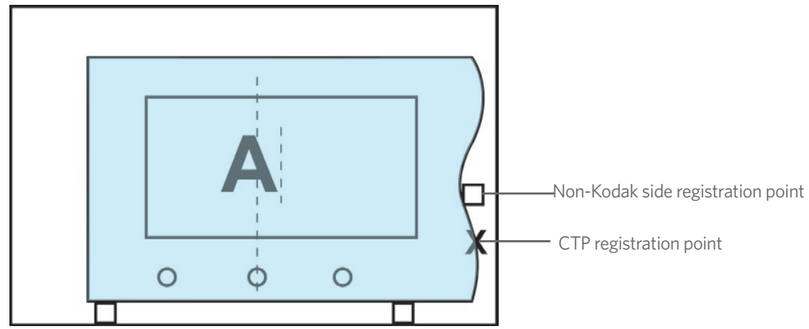
The image and punched holes are aligned without side shift.

Incorrect

Plate positioned on the punch table using non-Kodak registration

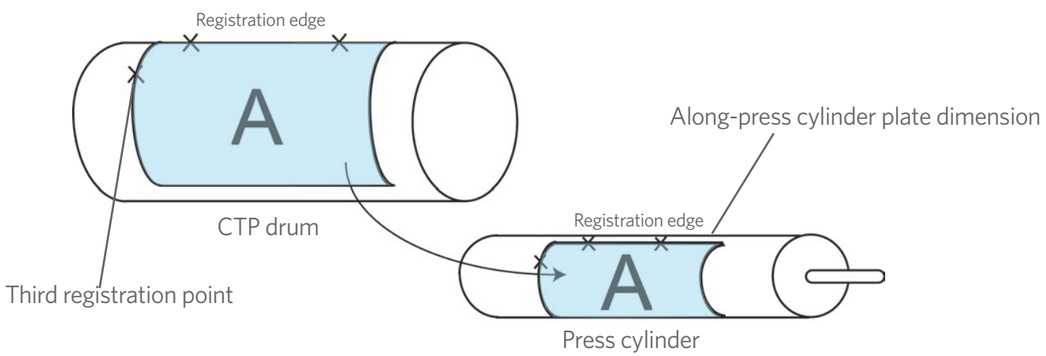


The image is incorrectly aligned (rotated) with the punched holes or bend. (An X represents the CTP registration pins, and the square shapes represent the punch registration pins.)

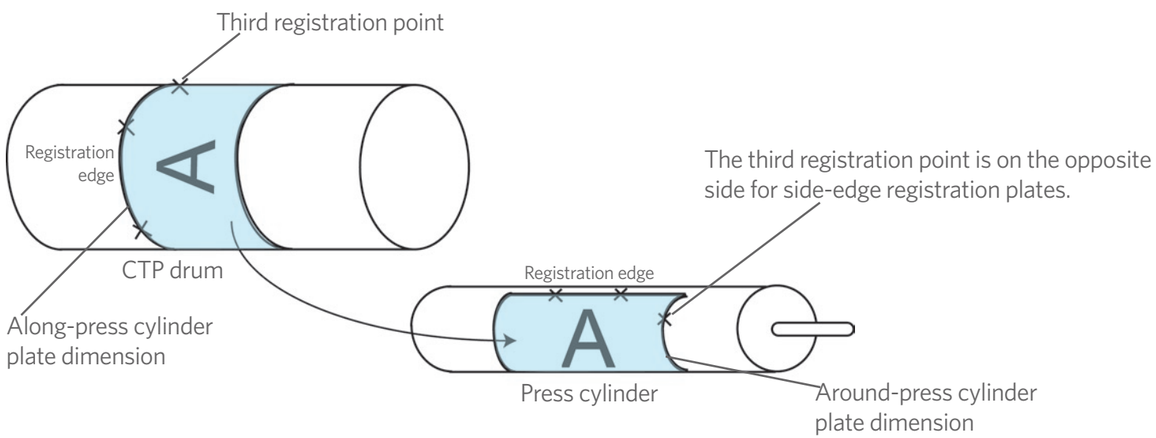


The image and punched holes are not aligned and shifted sideways.

Leading-Edge Registration



Side-Edge Registration



Eastman Kodak Company
343 State Street
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