



# AvalonN Add a Plate

Configure AvalonN and Apogee Prepress for a new plate size

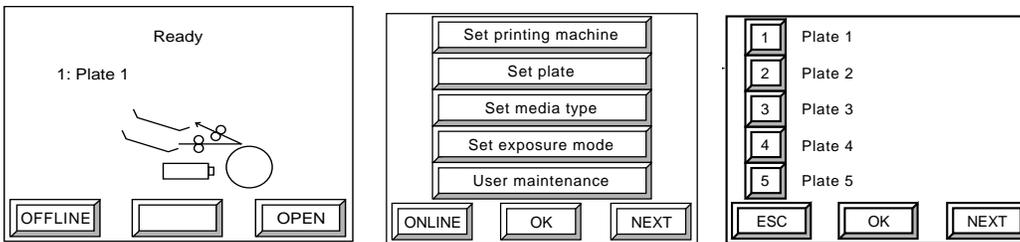
Follow these steps to add and configure a new plate size for use with the AvalonN platesetter and Apogee Prepress.

**Audience:** Customer, Technical

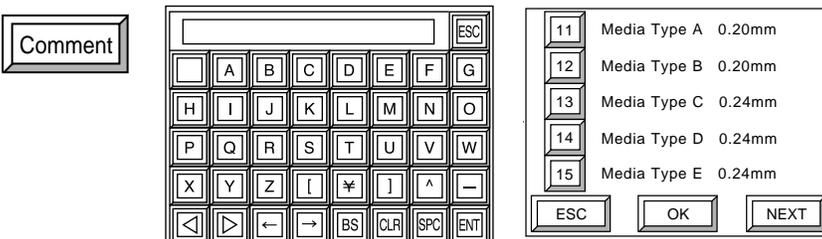
**Product:** Apogee Prepress, AvalonN

## Add the plate to the AvalonN engine

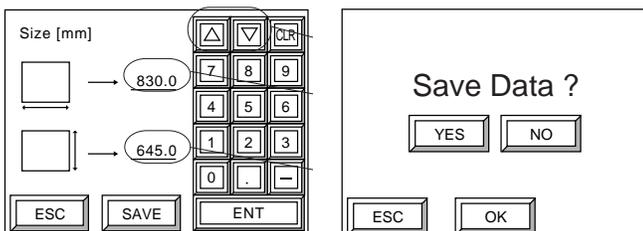
At the AvalonN engine press Offline, press Set plate and OK. Click on the next available plate and OK.



Click Comment. Enter the plate name using the touchpad Use the < > arrow keys to change screens of characters. Press ENT after each new entry. Press ENT after each new entry or the value will not be stored! Choose a Media Type from the list.



The Fine Screen window displays. Click OK to skip. In the Plate Size window, enter the correct plate size in millimeters. Save and click Yes to save new plate data.



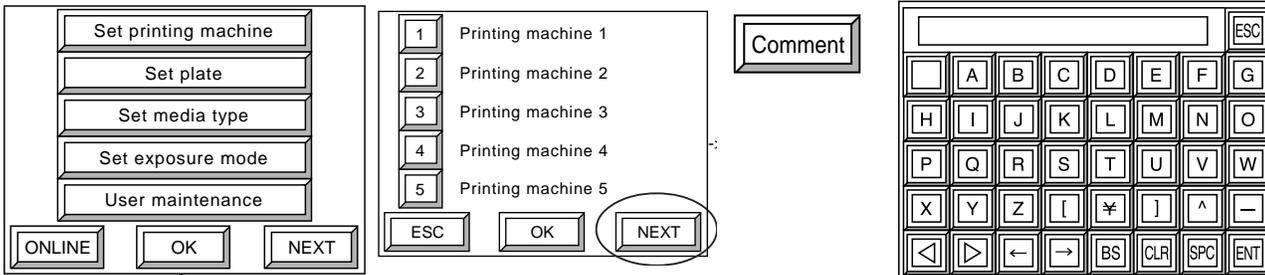
*Note: Media Type should have been defined by service during install. If the desired media thickness is not in the list, contact service. A new Media Type with correct laser and focus settings needs to be created.*

# AvalonN Add a Plate

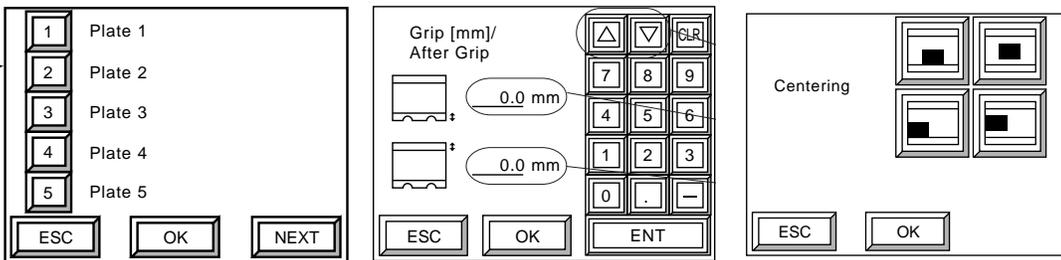
Configure Apogee Prepress for a new plate size

## Add the Printing Machine to the AvalonN engine

At the main menu, press Set Printing Machine and OK. Click on the next printing machine and OK.



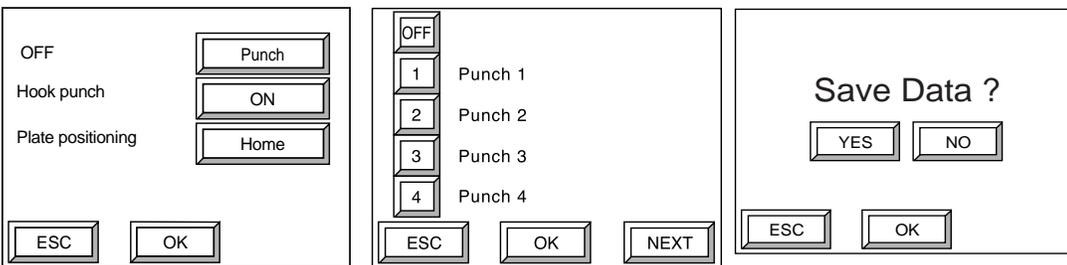
Click Comment. Enter the printing machine name using the touchpad. Use the < > arrow keys to change screens of characters. Press ENT after each new entry. Choose the Plate defined before. OK past Fine Screen.



Enter the Grip direction and OK, then enter the Grip and After Grip in mm and ok.

*Any Grip/After Grip must be subtracted from the Output Size in Apogee Prepress. Zero is recommended and gives you the most flexibility for placing borders from Apogee Prepress.*

Press ENT after each entry. Select the first centering option (center across media, push to bottom). OK past offsets to get to the Punch dialog.



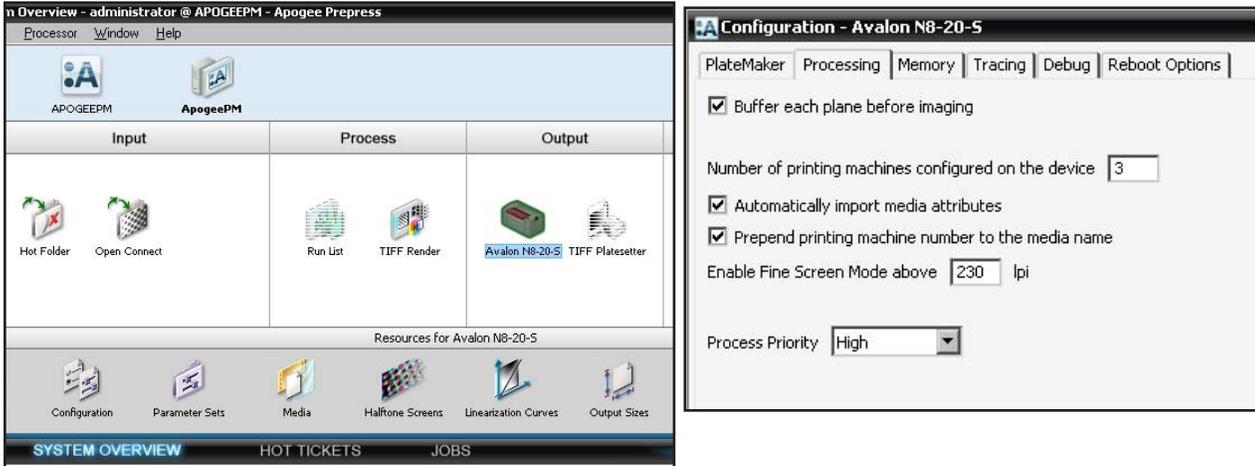
The Hook Punch registers the plate in the AvalonN and is usually turned On (unless setback is less than 12mm). An optional plate punch can be selected if installed and available. Skip past the fine adjustment screens and choose Yes to save the data. Put the AvalonN back online.

*If a new plate punch is purchased it needs to be installed and configured by Agfa Service.*

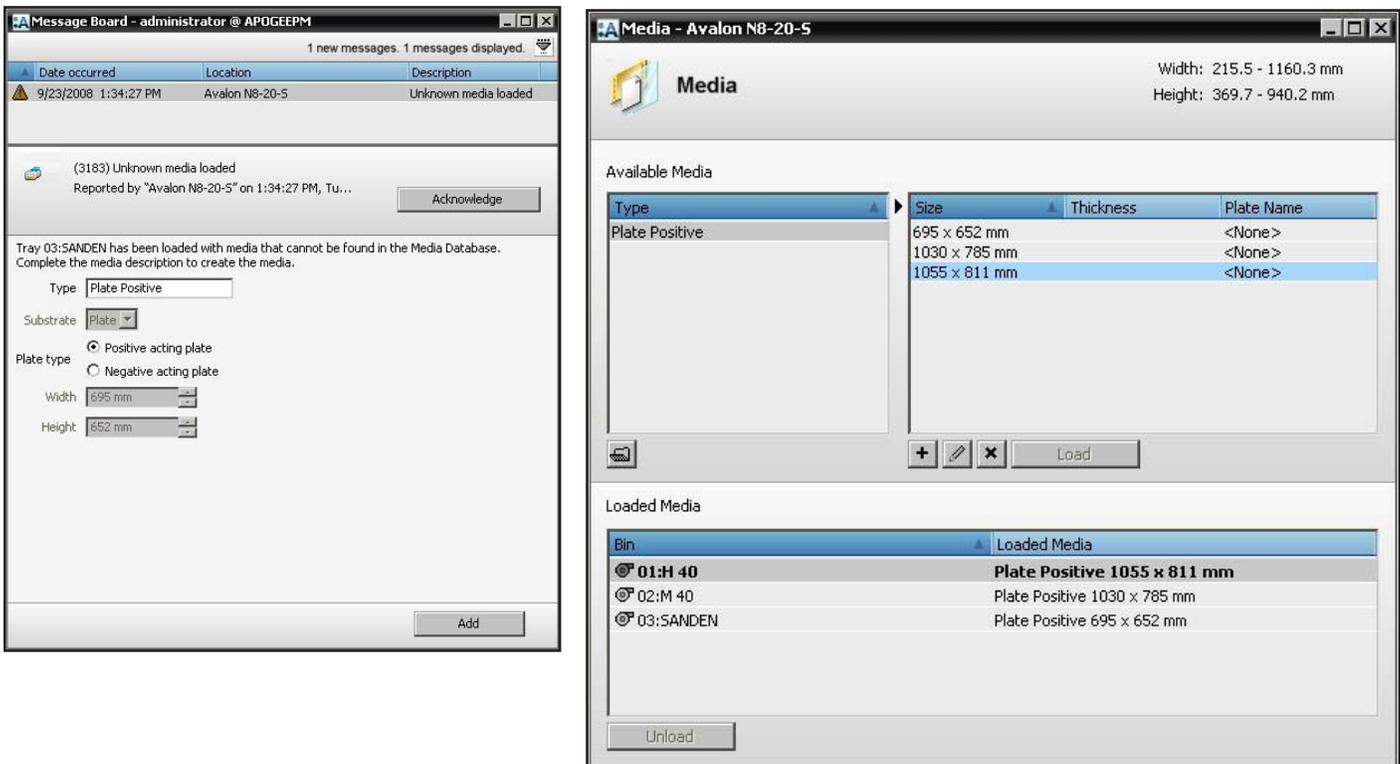
# AvalonN Add a Plate

Configure Apogee Prepress for a new plate size

## Update the Media in Apogee Prepress



At Apogee Prepress, go to System Overview and click on the AvalonN TP. Open the configuration window. Change the number of printing machines to reflect the one just added and click OK. Right click on the AvalonN and choose Restart to reboot the AvalonN device.



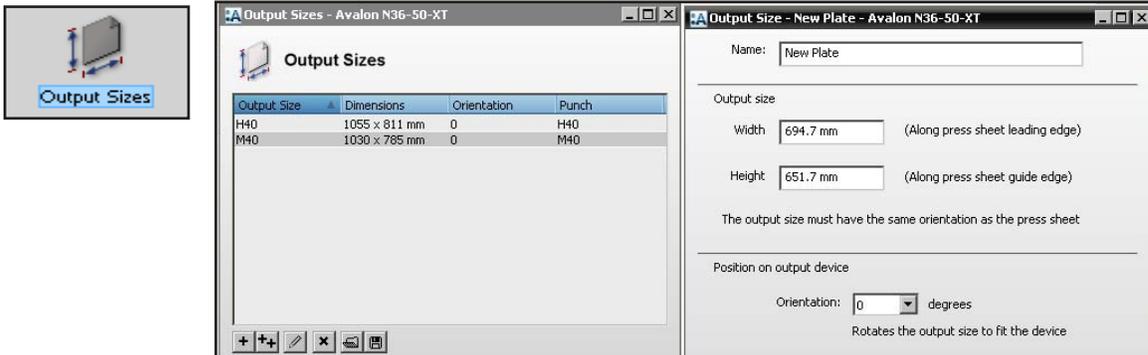
In the Message window, verify the correct plate type (positive or negative) is checked, then click Add to add the media size. Open the Media resource and verify the plate type matches the others and is loaded into the new Printing Machine.

## AvalonN Add a Plate

Configure Apogee Prepress for a new plate size

### Create the Output Size for the new media

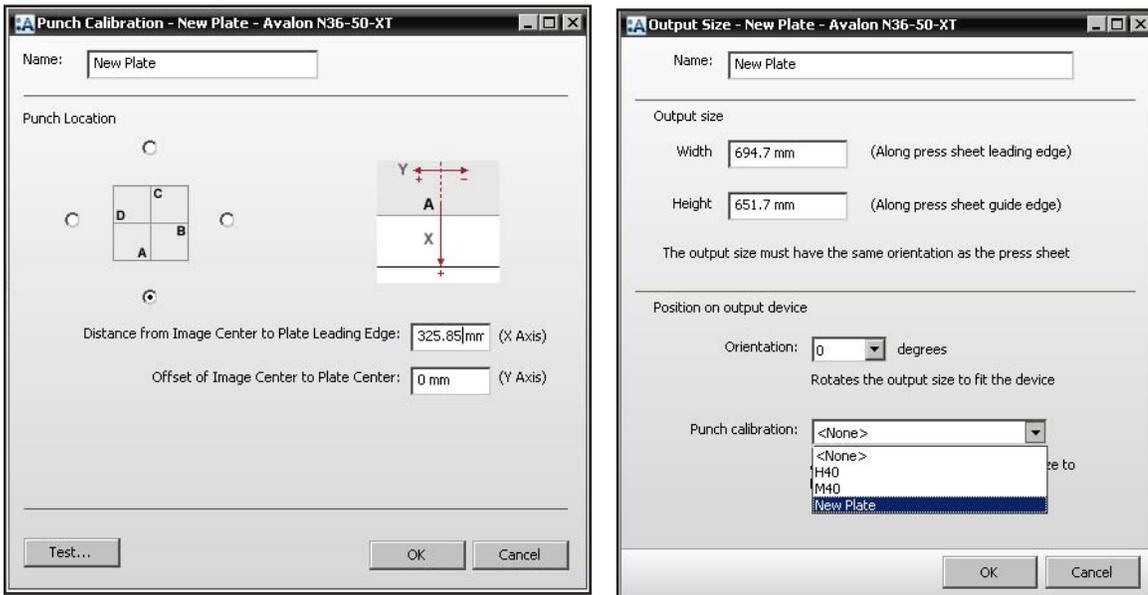
Click on the Output Size TP for AvalonN. Click on the + icon to add a new size.



Type in the plate size, with width as the larger dimension (except for small narrow plates) and an orientation of 0. Make the plate size smaller than the media by .3 mm. This allows for rounding. Do not select a Punch Calibration yet. Click OK.

### Create the Punch Calibration for the new media

Create a new Punch Calibration from within the Output Sizes window. Click on the + and name it based on the plate name. Edit the information.



Enter half the height of the output size in the field: Distance from Image Center to Plate Leading Edge (X axis). Click OK.

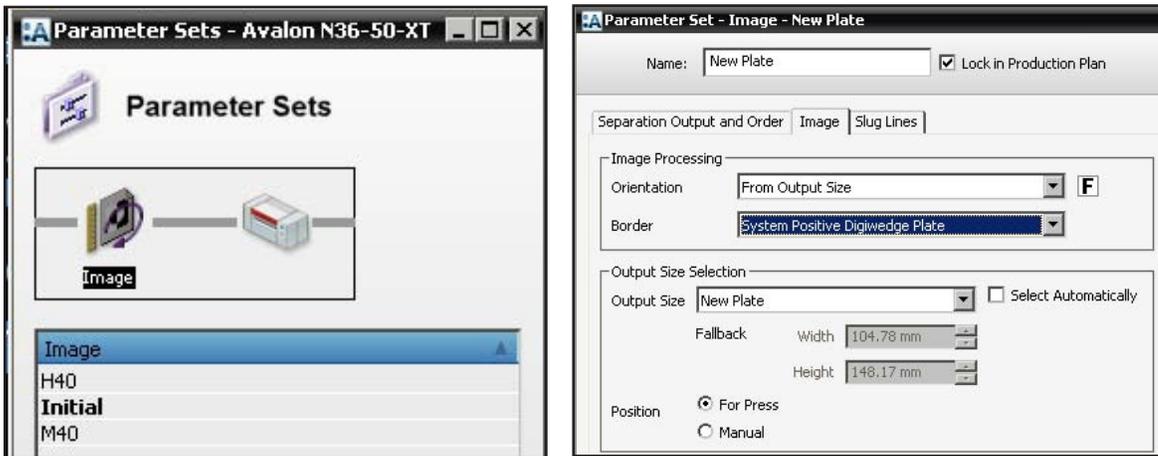
Select the Output Size created earlier and open it. Choose the Punch Calibration created and make sure it shows up inside the OutputSize dialog.

## AvalonN Add a Plate

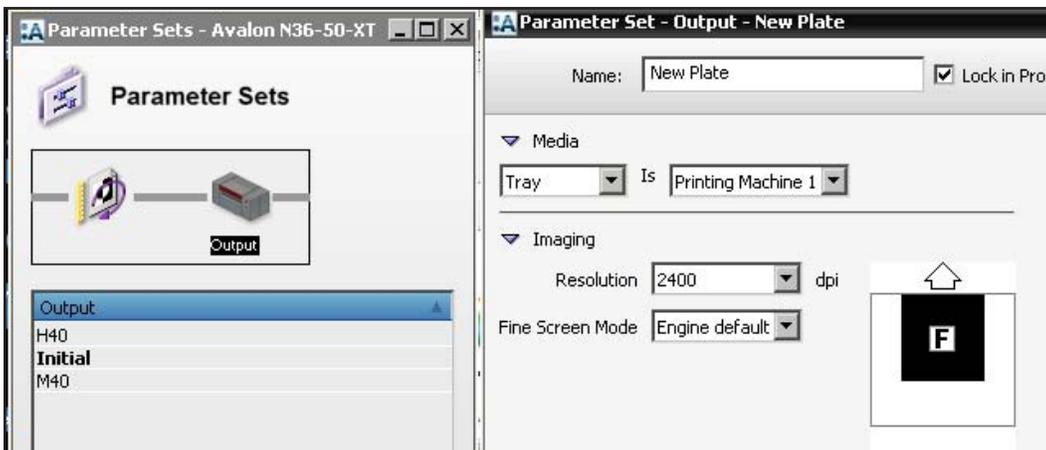
Configure Apogee Prepress for a new plate size

### Create Parameter Sets for AvalonN Image and Output

In System Overview, click on the AvalonN TP. Open the Parameter Set resource.



In the Image Parameter Set, Select the new Output Size and select a plate border. Verify Orientation is “from Output Size” and Position is “for Press.” Save the new Parameter Set.



In the Output Parameter Set, select the tray (Media) that corresponds to the media loaded on AvalonN. Choose the correct resolution and any other engine settings required.

### Add the plate bend to the Press Configuration

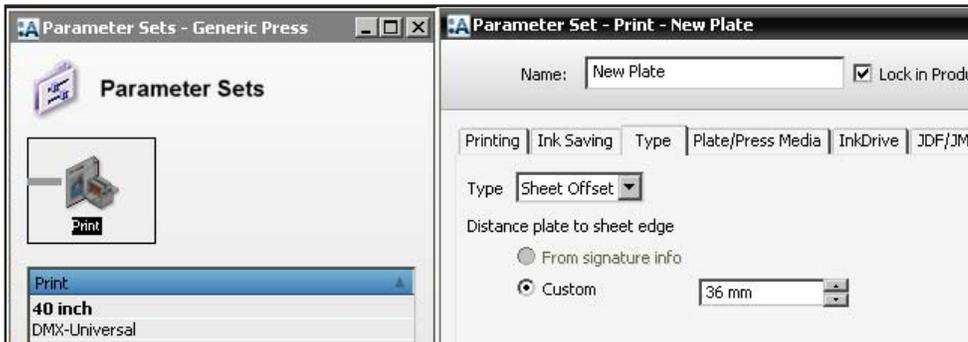
Add the plate bend information to the Generic Press TP. Select Generic Press then click on Parameter Sets.



## AvalonN Add a Plate

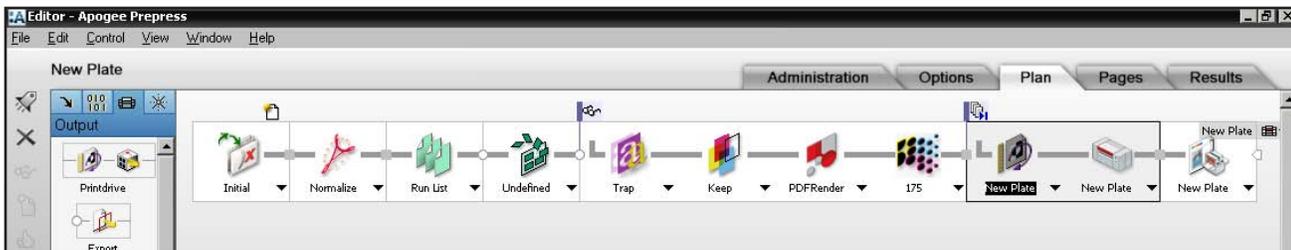
Configure Apogee Prepress for a new plate size

Create a new Parameter Set for the new Plate size. Enter the Setback value (distance plate to sheet edge) in the Type tab and save it.



### Test the new size

Build a workflow using the new AvalonN Parameter Sets and the correct Generic Press Parameter. Image a plate and measure it to verify positioning.



*Note: This document summarizes steps for configuring multiple machines. For more information consult the documentation for AvalonN and Apogee Prepress.*