

**Ribbon
Writer®**

A blue graphic element consisting of a wavy line that starts under the 'r' in 'Writer', dips down, and then rises to end under the 'e'.

*Diamond
Design*

**Design and Print
Instruction Manual**

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Installing the program - Insert the CD or download the .msi file to your desktop (we can email a link if you have no CD drive).

Then follow the instructions below:

IMAGE 1 - Introduction to software setup - Click 'Next'

IMAGE 2 - Select installation folder (C:\DiamondDesign\) - Click 'Next'

IMAGE 3 - Confirm installation - Click 'Next' (There may now be a Windows pop up box asking if you wish to make changes - Click 'Yes')

IMAGE 4 - Installation of software begins - once status bar is complete - Click 'Next'

IMAGE 5 - Confirmation of successful software installation - Click 'Close'

IMPORTANT - NOW LOOK OUT FOR THE DRIVER INSTALLATION POP UP SCREEN

Installation of the drivers for the '**ORIGINAL**' **ARGOX OS-214 Plus Series PPLA** printer are on the software disk so follow instructions on the pop up screen to install these drivers.

*PLEASE NOTE - The drivers for the 'EXCEL', Which is the **Argox OS-314 Series PPLA printer**, are NOT on the software disk. There is a separate CD with your printer called 'EXCEL DRIVERS', which must be used to install the drivers for the EXCEL.*

IMAGE 1

IMAGE 2

IMAGE 3

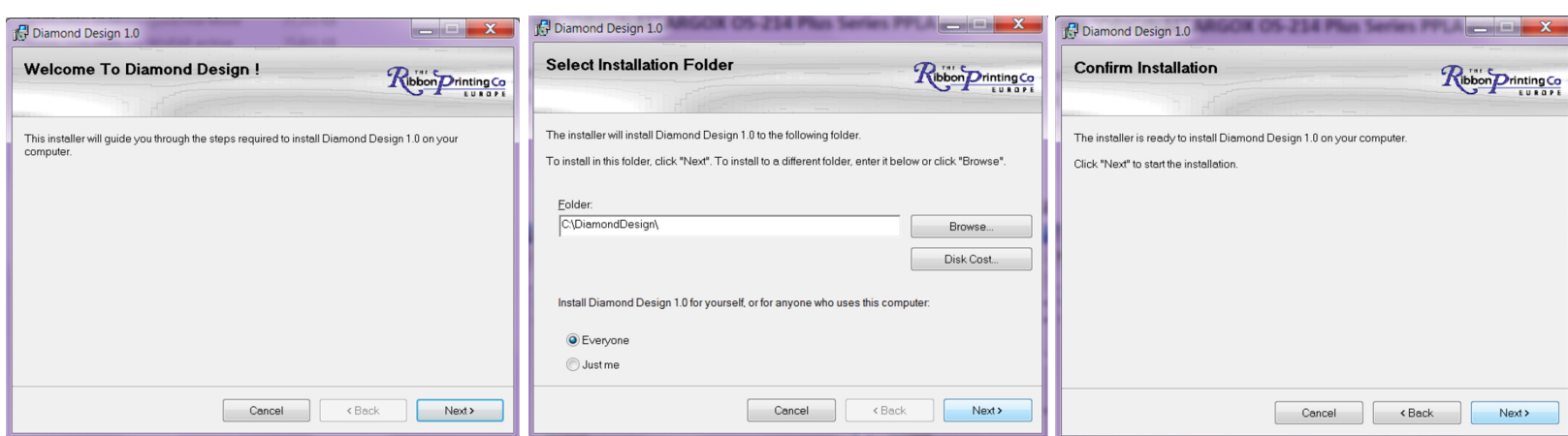
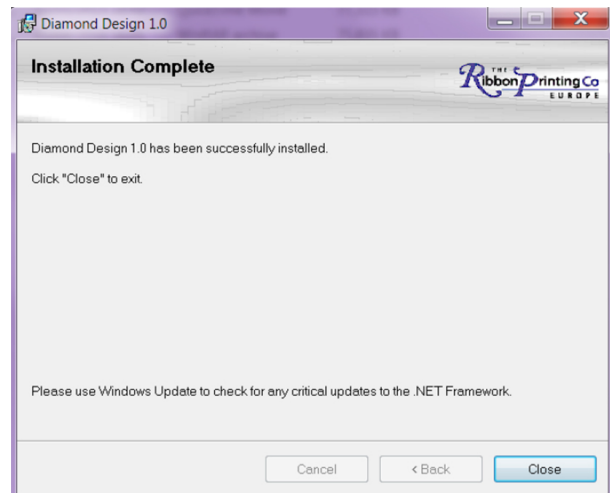
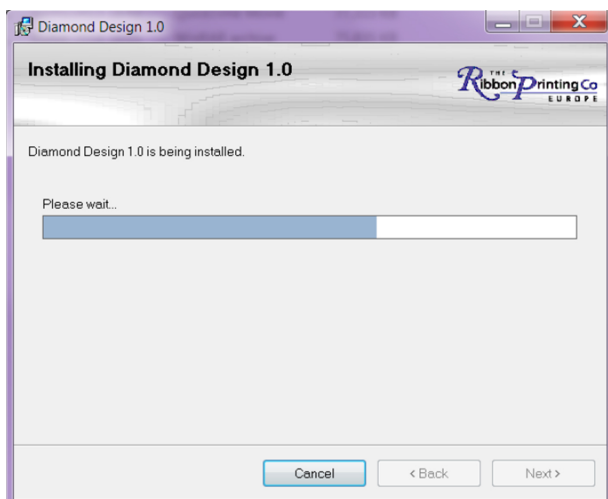


IMAGE 4

IMAGE 5



To install Drivers for the ORIGINAL - Argox OS-214 Plus PPLA

If you have the 'ORIGINAL' - Argox OS-214 Plus printer you need to follow the instructions which pop up on the software disk at the end of your software installation, as follows:

PLEASE NOTE - You need to load your ribbon and foil into you printer in preparation for testing after software and drivers have been installed. If you don't know how to do this there is a clear and concise video showing how to load the ribbon and foil on our website. www.ribbonwriter.com

IMAGE 6 - Click 'Yes' to install the **OS-214** driver for the **first** time.

IMPORTANT - If you already have an Argox printer installed on your PC you need to select NO at this stage as instead of installing new drivers you will need to update your existing drivers.

IMAGE 7 - Follow on screen instructions - once your printer is turned OFF - Click 'OK'

IMAGE 8 - Follow on screen instructions - once your printer is turned ON - Click 'OK'

IMAGE 6

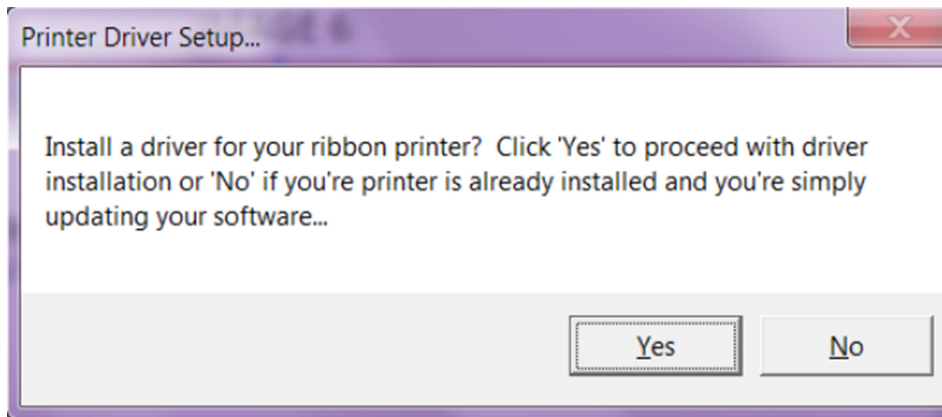


IMAGE 7

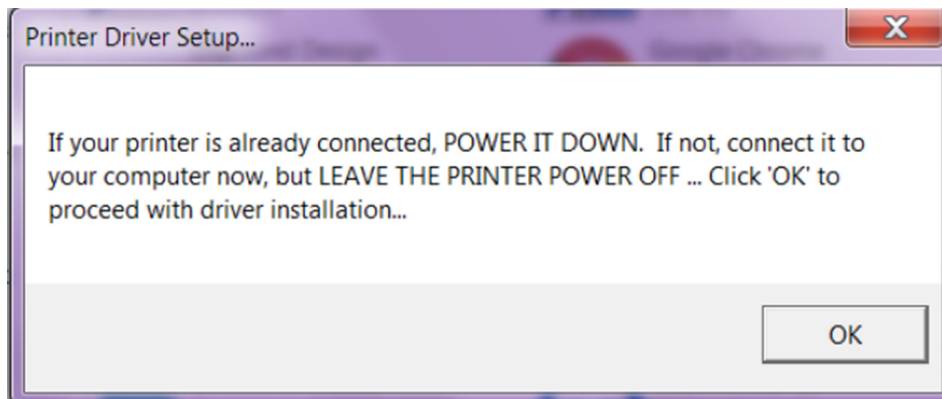


IMAGE 8

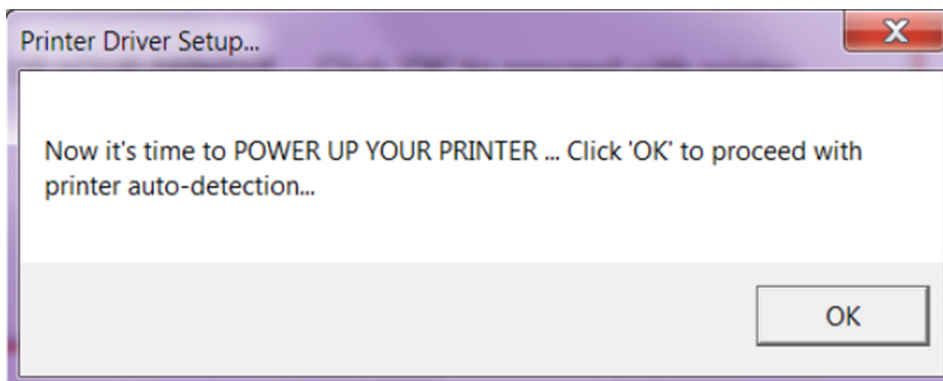


IMAGE 9 - Follow on screen instructions - Would you like to install this device software - Click 'Install'

IMAGE 10 - Your drivers will now begin to install - when the progress bar reaches the end - Click 'Finish'

IMAGE 11 - Now a pop up will remind you to disable the 'LABEL SENSOR' in 'Printing Preferences', please refer to the instructions provided with your printer (we can email if you can't find them) - Click 'OK'

IMAGE 12 - Installation completed successfully... - Click 'OK'

IMAGE 9

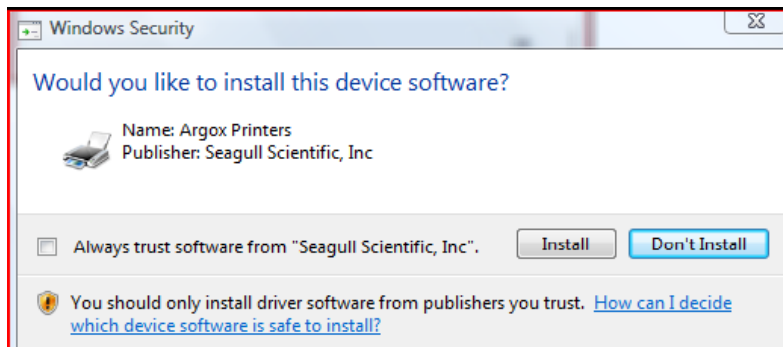


IMAGE 10

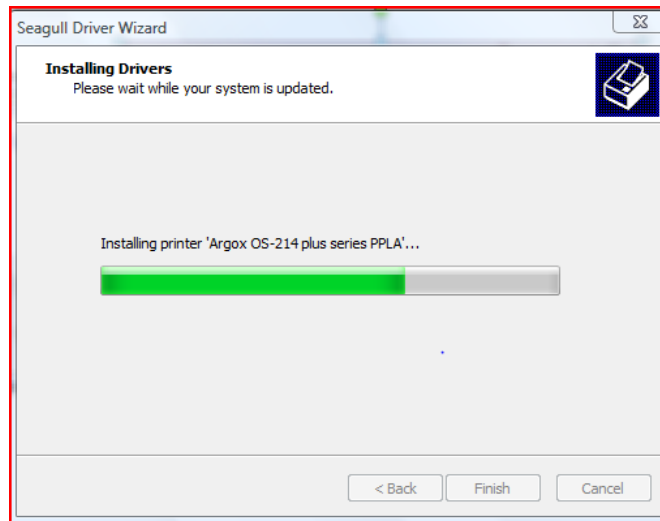


IMAGE 11

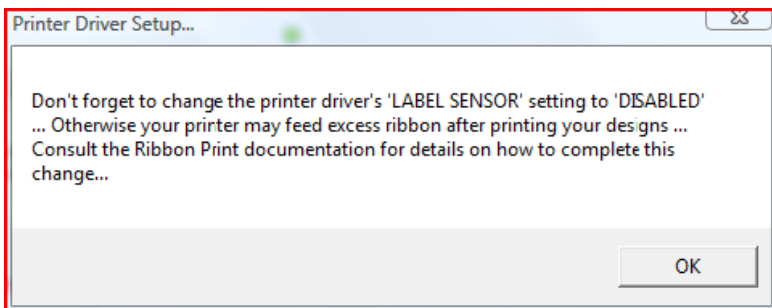
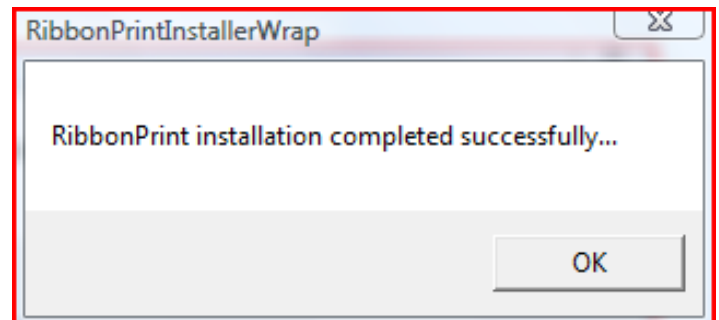


IMAGE 12



To install Drivers for the EXCEL - Argox OS-314 Plus PPLA

You will have received a disk called 'Excel Driver Disk' with your EXCEL printer.

Insert the disk into your disk drive, then follow the illustrated instructions below:

IMAGE 1 - Once inserted the AutoPlay pop up should display on your screen - click 'Open folder to view files'

OR

IMAGE 2 - If the disk does not AutoPlay Click on your CD or DVD drive to run the disk, Usually Drive D: You will find this in your main file folder.

IMAGE 3 - From the display double click on 'Argox_7.4'

IMAGE 4 - Click the check box to accept the terms and conditions - Click 'Next'

IMAGE 5 - Leave the installation directory as it is C:\Seagull - Click 'Next'

IMAGE 6 - Click the check box to 'Run Driver Wizard after unpacking' - Click 'Finish'

YOUR DRIVERS ARE NOW INSTALLED

YOU MUST NOW ADJUST THE SETTINGS WITHIN 'PRINTING PREFERENCES' FOR YOUR PRINTER - PLEASE NOTE THAT THE **EXCEL** IS TO BE SET TO A FASTER SPEED THAN THE **ORIGINAL** BUT OTHER THAN THAT THE SETTING ADJUSTMENTS ARE THE SAME. GO TO PAGE 5 FOR INSTRUCTIONS.

IMAGE 1

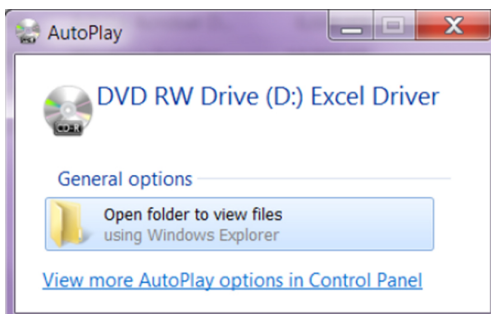


IMAGE 2



IMAGE 3

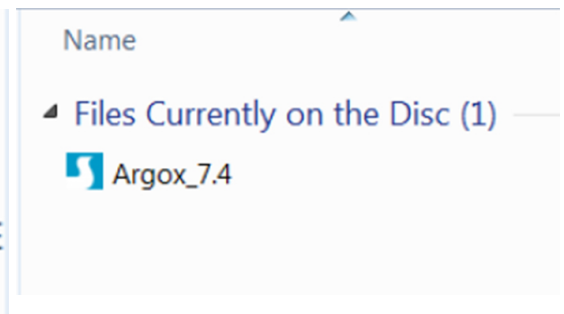


IMAGE 4

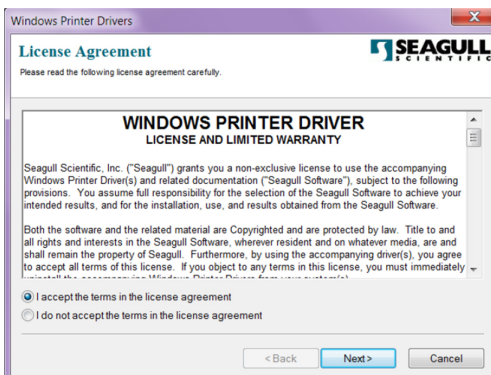


IMAGE 5

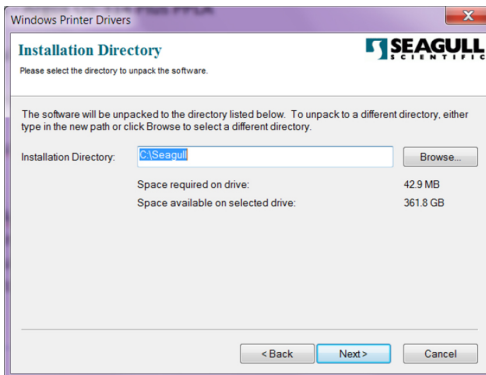
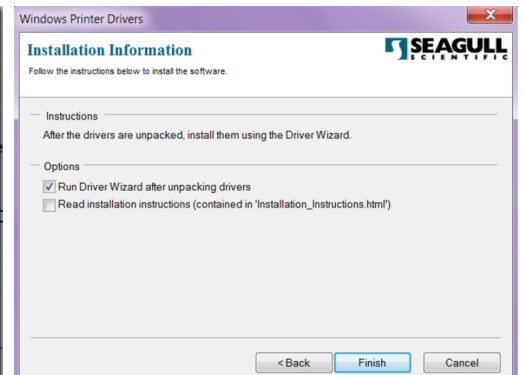


IMAGE 6



Now to adjust the settings within 'Printing Preferences'

If you do not do this your printer will not print to the correct quality of print and also after each print you send your printer will spool off over a metre of blank ribbon!

These instructions may vary depending upon the version of Windows you run so if you struggle please call us!

IMAGE 1 - Go to 'Devices and Printers' in your control panel OR select 'Devices and Printers' from your start menu.

IMAGE 2 - Hover your mouse over the relevant printer (ie the EXCEL is the OS-314 or the ORIGINAL is the OS-214 printer.) - Right click with your mouse.

IMAGE 3 - Click 'Printing Preferences' on the pop up menu

IMAGE 1

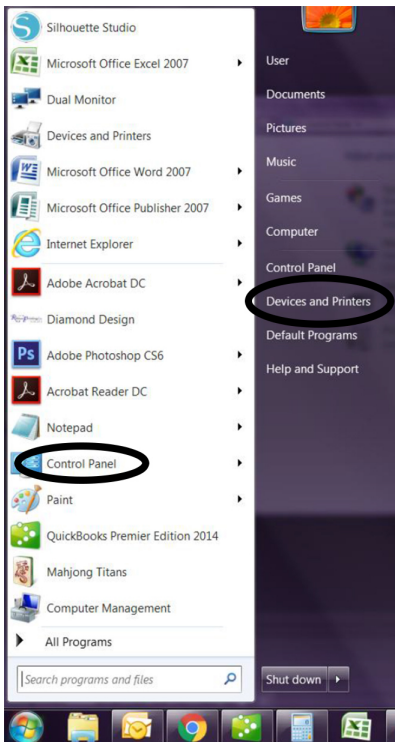


IMAGE 2

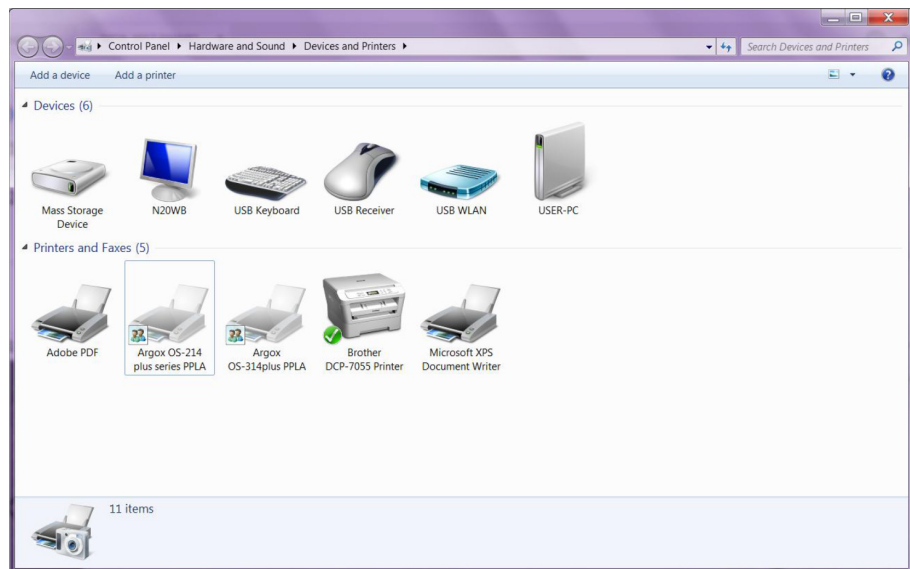
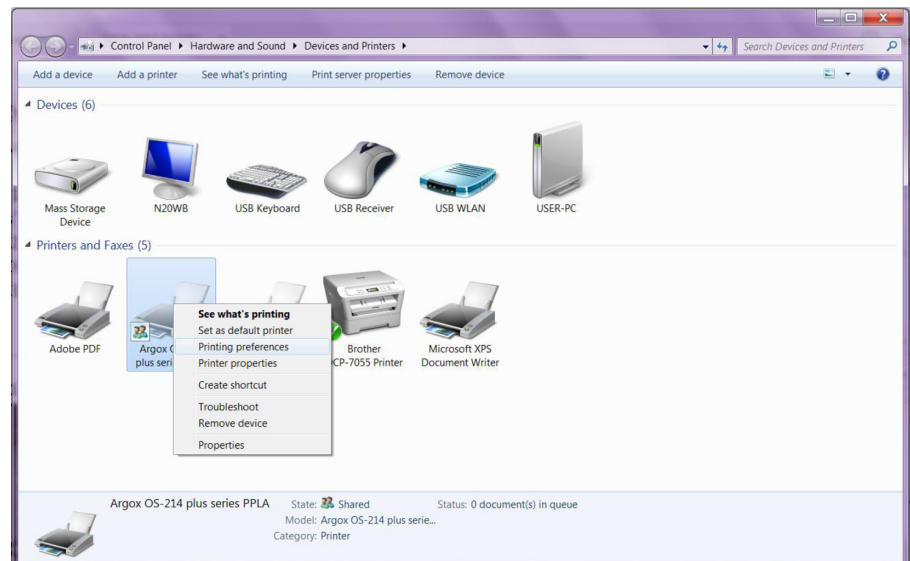


IMAGE 3



Adjust settings within 'Printing Preferences' continued....

IMAGE 4 - Click the GRAPHICS tab

IMAGE 5 - Click the 'Dithering setup' button (half way down on right side)

IMAGE 6 - Click the black downwards arrow in the box next to 'Halftone Pattern', then select 'Supercell Enhanced' from the drop down list - Click 'OK'

IMAGE 4

IMAGE 5

IMAGE 6

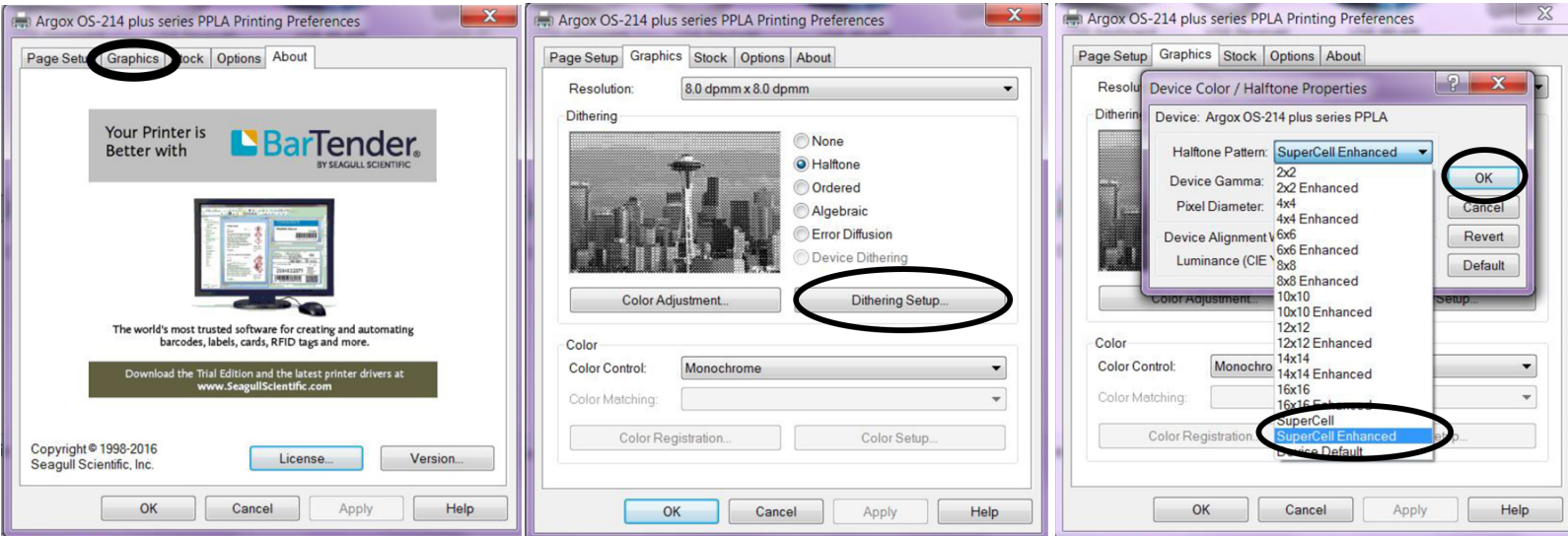


IMAGE 7 - Click the 'STOCK' tab

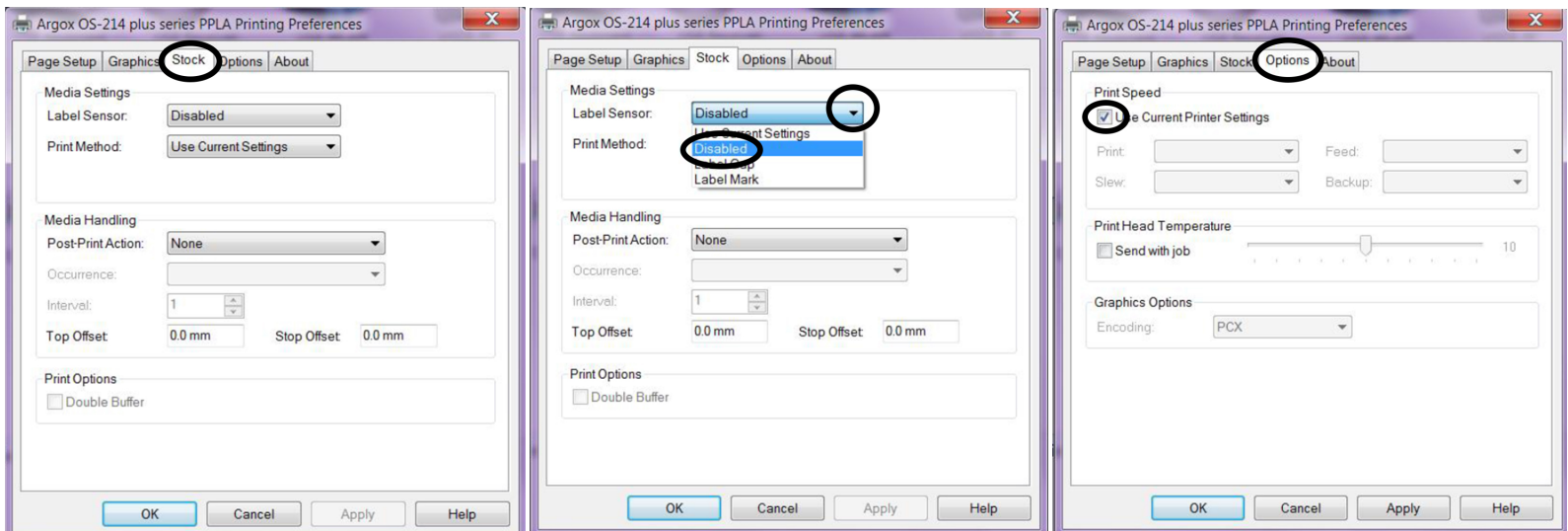
IMAGE 8 - Click the black downwards arrow in the box next to 'Label Sensor', then select 'Disabled' from the drop down list.

IMAGE 9 - Click the 'OPTIONS' tab, then click on the little tick to remove it from the small box next to 'Use Current Printer settings'

IMAGE 7

IMAGE 8

IMAGE 9



Adjust settings within 'Printing Preferences' continued....

IMAGE 10 - The drop down list for printer speed will now display, this is where you need to make sure that you select the correct speed for your printer model.

FOR THE 'ORIGINAL' - Argox OS-214 Plus:

IMAGE 11 - Select 50.8mm/sec (or the slowest speed if your computer is imperial not metric) FOR THE 'EXCEL' - Argox OS-314 Plus:

IMAGE 12 - Select 101.6mm/sec (or the fastest speed if your computer is metric not imperial)

IMAGE 10

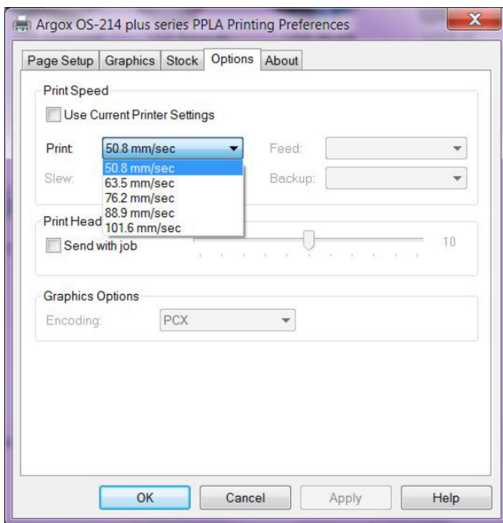


IMAGE 11
FOR 'ORIGINAL'
OS-214 ONLY

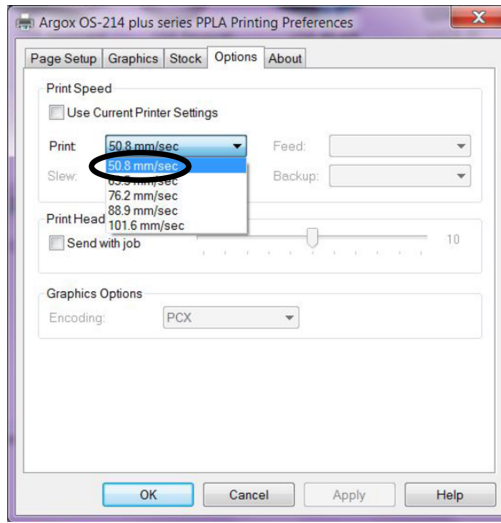


IMAGE 12
FOR 'EXCEL'
OS-314 ONLY

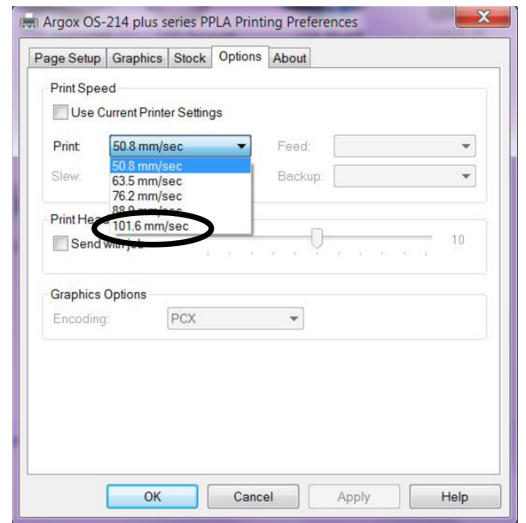


IMAGE 13 - The 'feed' will either stay greyed out or if it is displaying a speed you need it to read the same as the 'print', so either 50.8 or 101.6 depending upon which printer you have. IMAGE 14 - When you have set your speed - Click 'Apply' IMAGE 15 - To finish and save - Click 'OK'

IMAGE 13

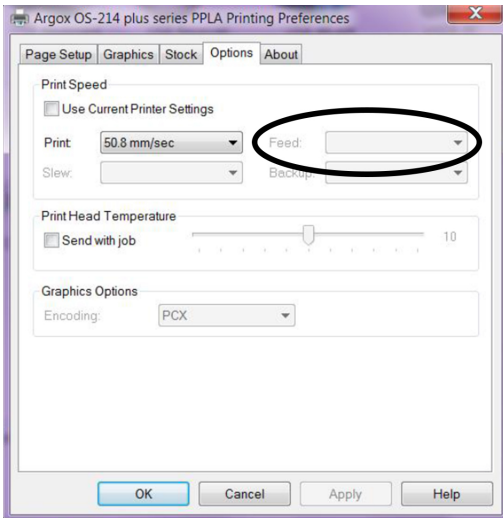


IMAGE 14

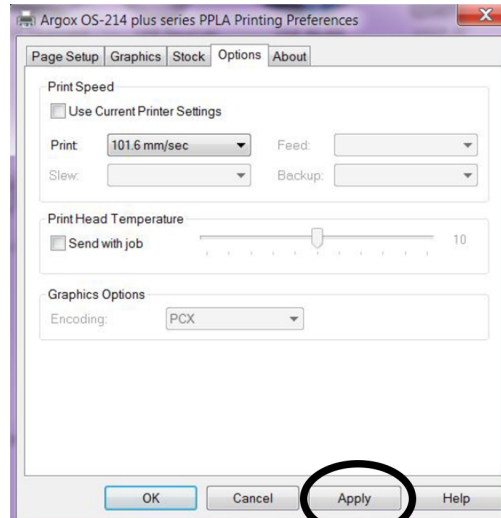
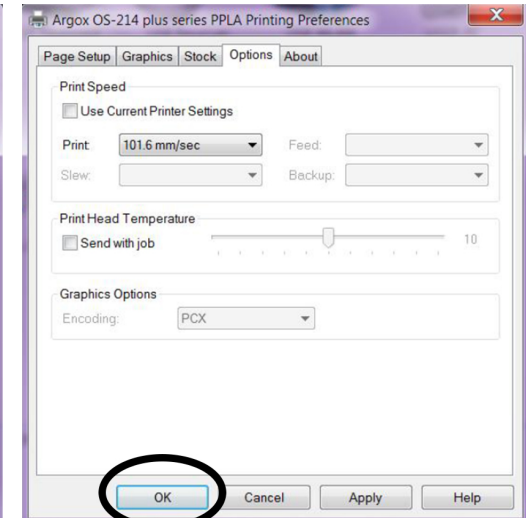


IMAGE 15



NOW TO ACTIVATE YOUR SOFTWARE

CLICK ON THE DIAMOND DESIGN IKON WHICH WILL NOW SHOW ON YOUR DESKTOP

Continue to follow the prompts as illustrated below

IMAGE 1 – Click the small box to the left of 'I accept and agree to license terms' - Click 'Next'

IMAGE 2 – Enter your activation code by copying it from the email you will have received from us then paste it into the 'Activation code' box. The email may have gone into your junk folder so check there if you can't see it in your inbox. If you still can't find the email please contact us as we can email it to you direct if necessary. Click 'Activate Now' then click 'Finish'

Successful Activation....Now you can begin to use your Ribbon Print program!

IMAGE 1

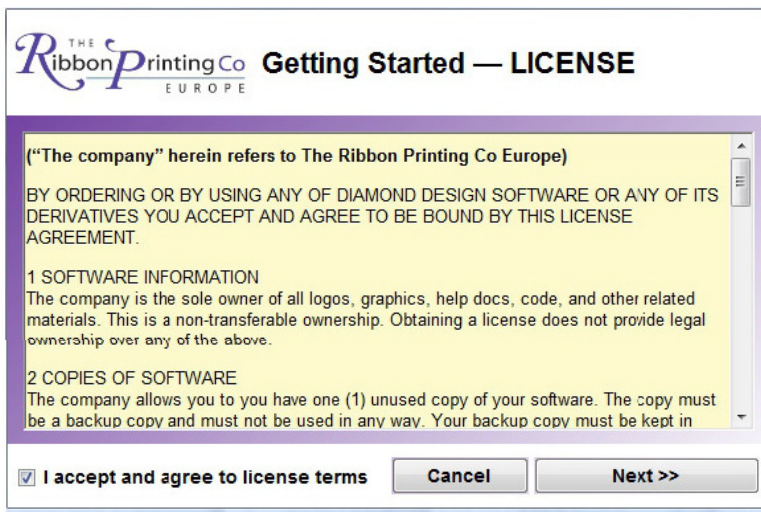
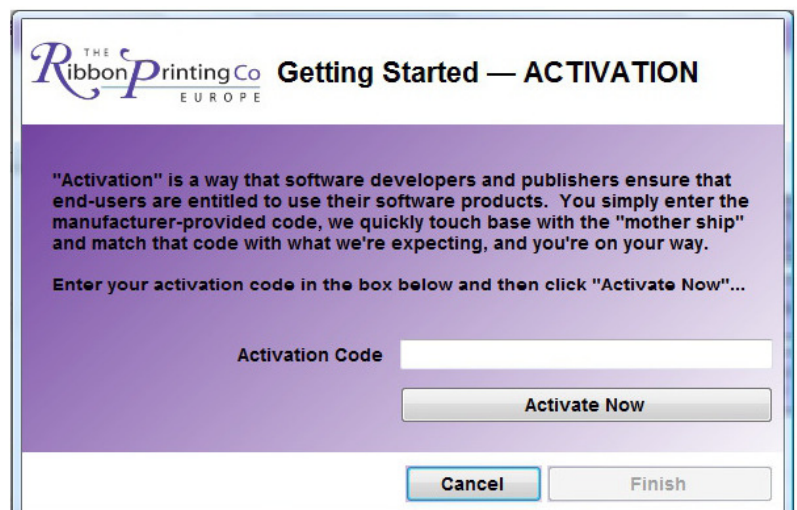


IMAGE 2

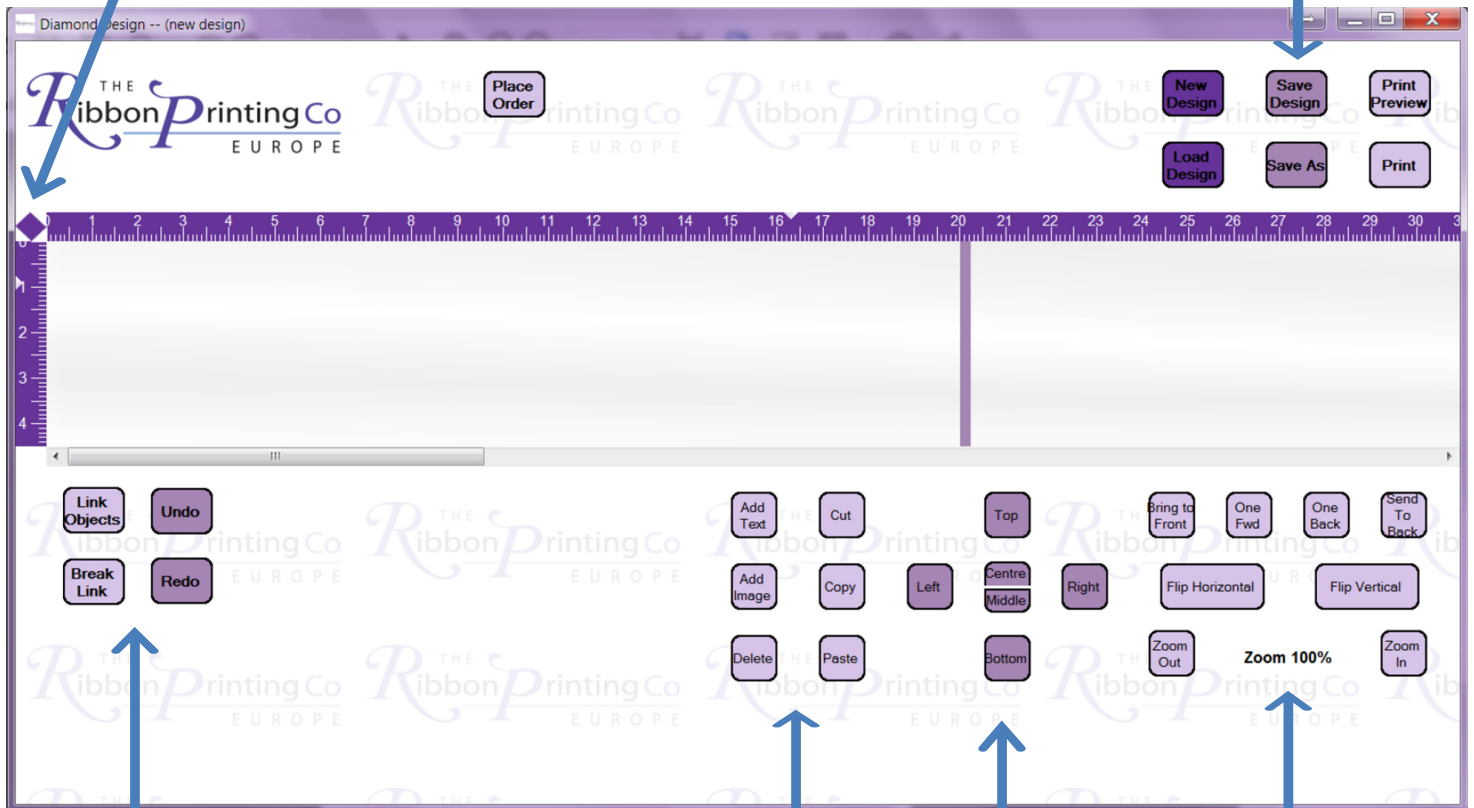


The Design Window

This is the main window where you will be designing. It is grouped into different “Function Sets” that perform similar actions. Each of the Function Sets will be discussed in detail on the following pages.

**Ribbon Width
Edit Button**

**Action
Function
Set**



**Link and Undo
Function Set**

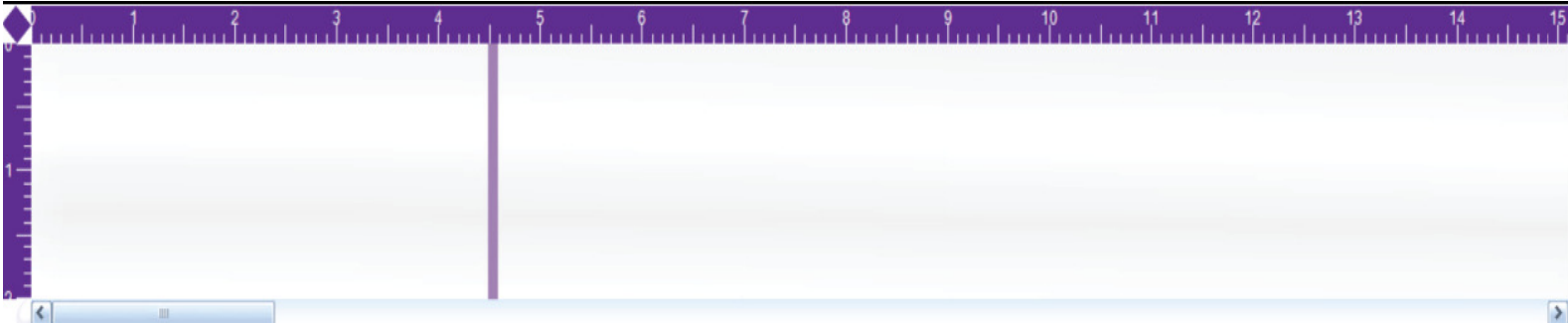
**Insertion
Function Set**

**Placement
Function Set**

**Movement
Function Set**

Design Board

All of your designing comes alive in this area. Images and graphics will be placed on this board for you to adjust until you've made the perfect design.



Action Function Set

The Action Set houses all the tasks you do that affect the overall design.



New Design – Create a design from scratch

Load Design – Load an existing design

Save Design – Save the design for future use

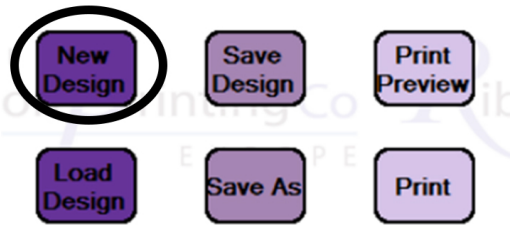
Save As – Rename a design as a different version of the original

Print Preview – See your design before it prints

Print – Print your ribbon!

NEW DESIGN

New Design - To create a new design first click on the 'New Design' button:



The 'New Design Options' pop up will display:

(This box can also be accessed from within an existing design by clicking on the 'Ribbon Width Edit Button' - see page 12)



Measurement Units - Choose between Imperial (inches) or Metric

Design Width - The width of the ribbon you will be printing on. i.e. 15mm, 25mm, 100mm etc. **Design Length** - This is the length of your design, you can set this here then keep your text within the parameters or move the bar manually from within the 'Design board'.

'Ribbon Colour' and 'Foil Colour' buttons – These buttons are to advise only, they are intended to be used to check the colour compatibility of your chosen ribbon with your chosen foil.

An error message will appear if your selections will produce a questionable print quality based on our testing.

When you are happy with your width and length settings and are sure you have selected a compatible colour or foil and of ribbon - Click 'Create'

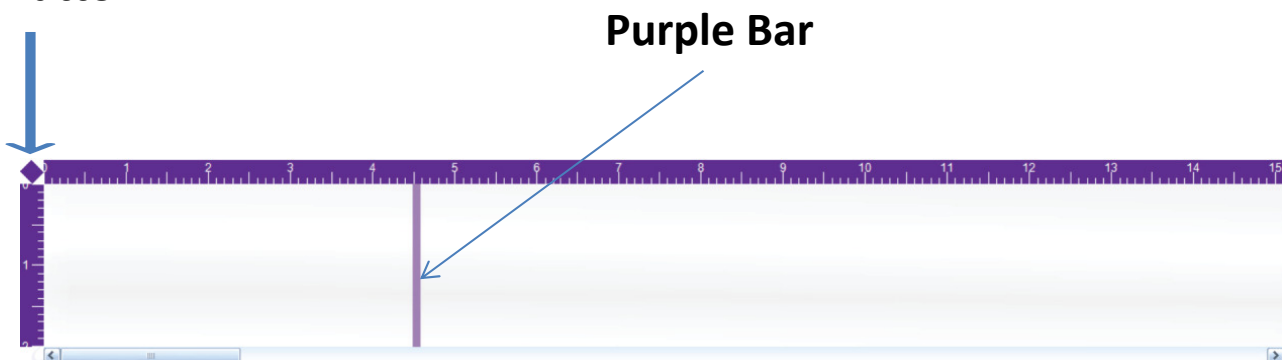
When you have clicked 'Create' your dimensions will appear in the **Design Board**.

Ribbon Style Edit Button – At any time during design creation and/or editing, you can click this button to revise the overall dimensions of the design (width and length).

Purple Bar – This bar designates the end of your design. Make sure that this bar is to the right of your design as the printer will stop printing exactly at this point.

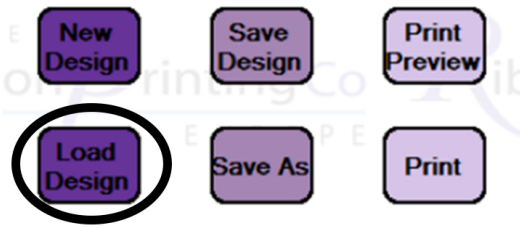
Hint.....to avoid unnecessarily wasting foil try to make sure that your text/design is butted up to the left hand side of the Design Board, with the purple bar dragged (click, hold and drag) right up to the end of your text/design. You can pull blank ribbon through the printer manually with your hand, as long as you have released the printhead carriage so that the ribbon is loose, if you want blank ribbon before or after your print.

Ribbon Width Edit Button



LOAD DESIGN

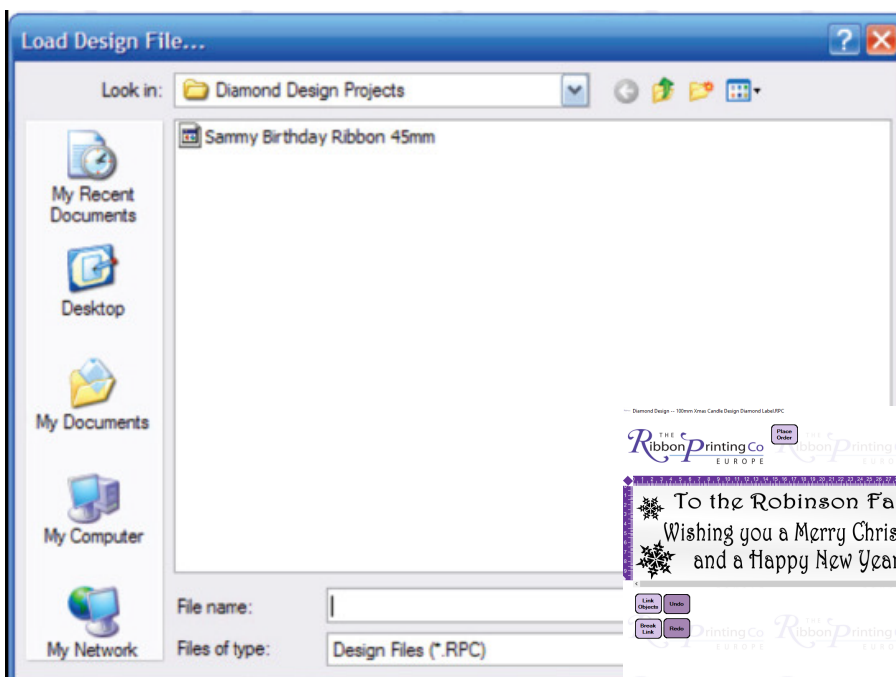
Load Design - To load an existing design first click on the 'Load Design' button:



'Load Design' allows you to open designs you have made and saved within Diamond Design - or designs you have downloaded from our website and saved to your 'Diamond Design Projects' folder.

The 'Diamond Design Projects' folder is automatically created in your 'documents' folder on your PC when you install the Diamond Design software and this is where all of your saved designs are saved to.

Once you have clicked 'Load Design' your 'Diamond Design Projects' folder will pop up on screen, so that you can select and open the design you want.

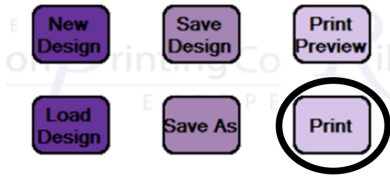


Select the design you want, click open and your design will open in Diamond Design ready to be edited or printed, as shown below:

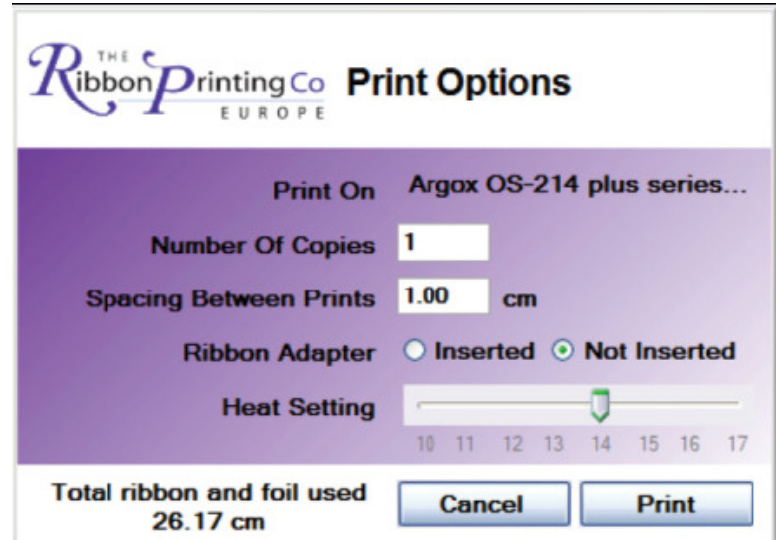



PRINT

To print your design click the print button:



When you click the print button the 'Print Options' box will display:



Print On - Click the small downwards arrow and select your printer from the drop down list, Argox OS-214 is the ORIGINAL - Argox OS-314 is the EXCEL.

Number Of Copies – Enter how many repeats of your design you would like to print out.

Spacing Between Prints – Enter how wide you would like the space to be between each repeat.

Ribbon Adaptor – 'Inserted' must be selected when using the *SINGLE WIDTH RIBBON ADAPTOR* only (Necessary for printing onto single ribbons less than 25mm wide). **NOT** the *MULTI WIDTH RIBBON ADAPTORS* (Which are the adaptors for printing onto multiple narrow ribbons at once).

Heat Setting – Most foil colours work best at the preset 12 heat setting. If your print is too pale try increasing the temperature, if your foil is sticking and tearing try a lower temperature. Please download the 'Foil Temperature Chart' from www.ribbonwriter.com as a guide.

Tip - 'Total ribbon and foil used' advises the total length of your print, adding up the length of all design repeats and spaces between each repeat, to give your total design length.

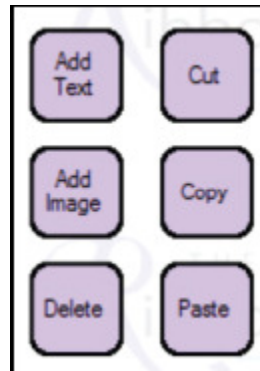
For more information about width adaptors and how to use them please watch the videos on our website on printing onto narrow and multiple ribbons at once.

TROUBLESHOOTING TOP TIPS

1. Make sure your machine is turned on and both lights in the front are solid green.
2. Is your print head carriage fully engaged? - You need to click down the white buttons on BOTH sides otherwise only one half of your print head will touch the ribbon and print.
3. Make sure there are no unprinted jobs in your print que. To do that go to the Start Button – Control Panel – Devices and Printers – Right click on the Argox Printer ikon, then click 'see what's printing'. If there are jobs listed cancel them.
5. Try turning off both your computer and printer and restarting everything again. It's also helpful to pull out and re-attach all connections. Sometimes a cable gets loose during regular day to day activities around the equipment.
5. If your printer stops printing in the middle of a design check to make sure the Purple Bar is at the end of the design.
6. Did you load a second Argox driver into your computer? If you had a prior ribbon printing software version and reloaded the driver again when installing this version, delete both drivers and the program and reinstall.
7. Is your printer spooling lots of blank ribbon after printing your design (or the first repeat if you asked to print multiple repeats)? If so your PC has either lost the settings you adjusted within 'Printing Preferences' or you did not carry out these adjustments when you installed your printer. Please refer to 'Printing Preferences' instructions on page 5-7.

Insertion Function Set

Here is where you insert either text or graphics into the Design Board.



Add Text – Insert text

Add Image – Insert a graphic image from the stored images in the program or from your computer

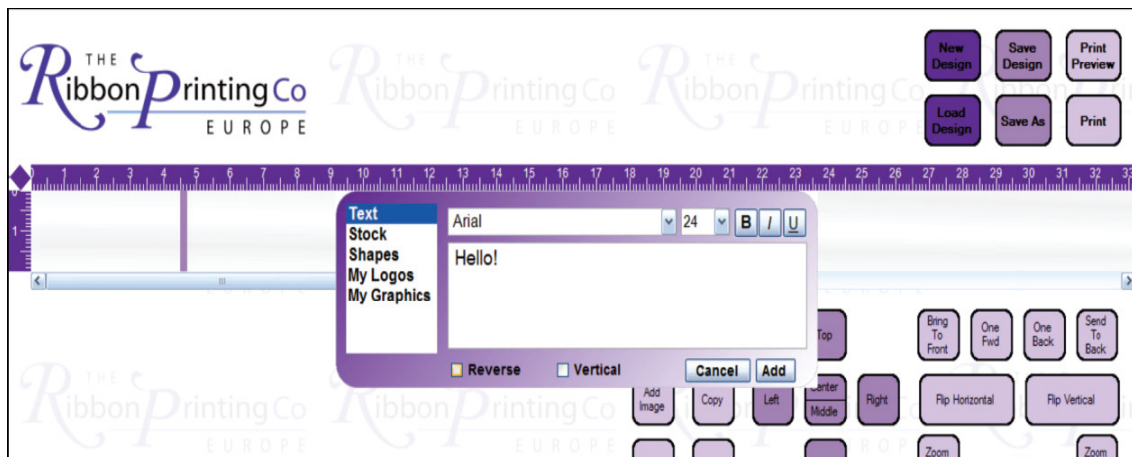
Delete – Erase a text or image box

Cut – Move your text or image from one place to another

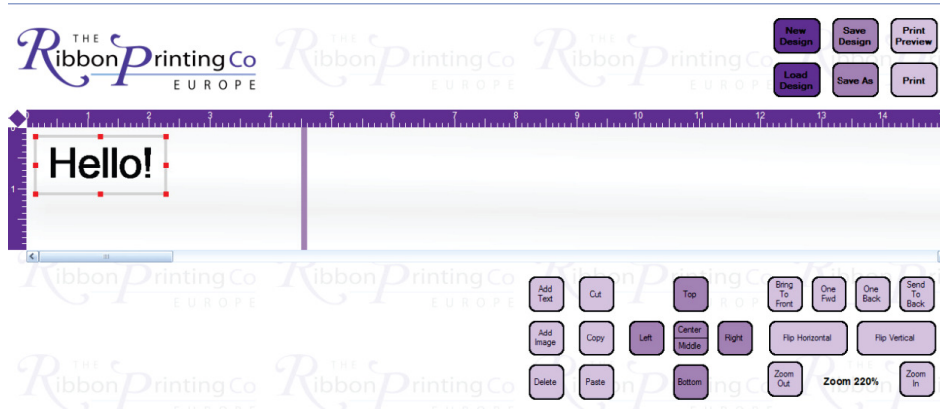
Copy – Duplicate your text or image

Paste – Move your text or image from one place to another

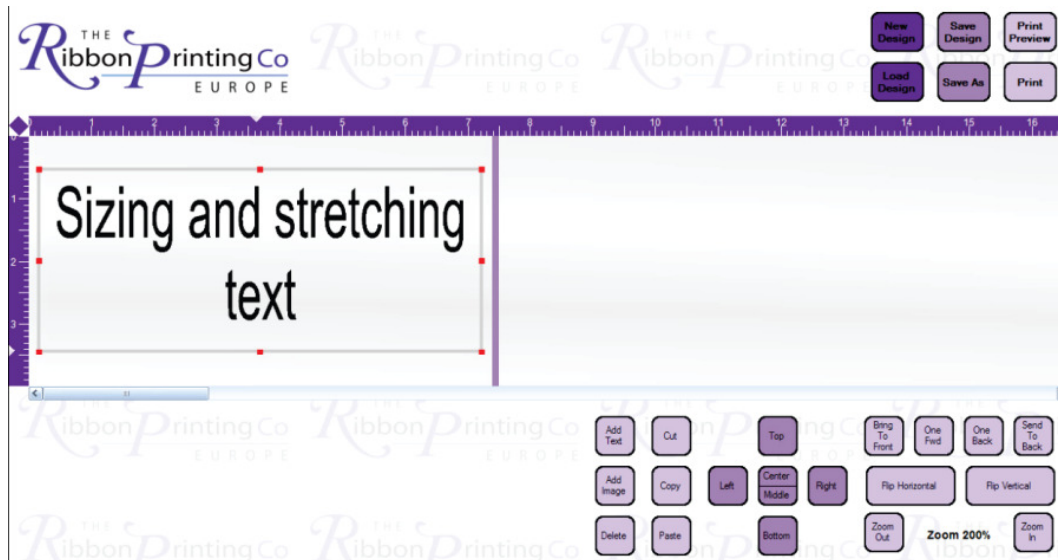
Add Text – To add text click on the Add Text Button and a new window will appear. Here you can type in the text you'd like to use and also assign it a new font style (which are picked up from your Windows fonts folder) and a font size - click the drop down arrow to the left of the font or size in order to display the lists for you to choose from. If you don't know what size you want, no problem, you can stretch and resize it right on the Design Board.



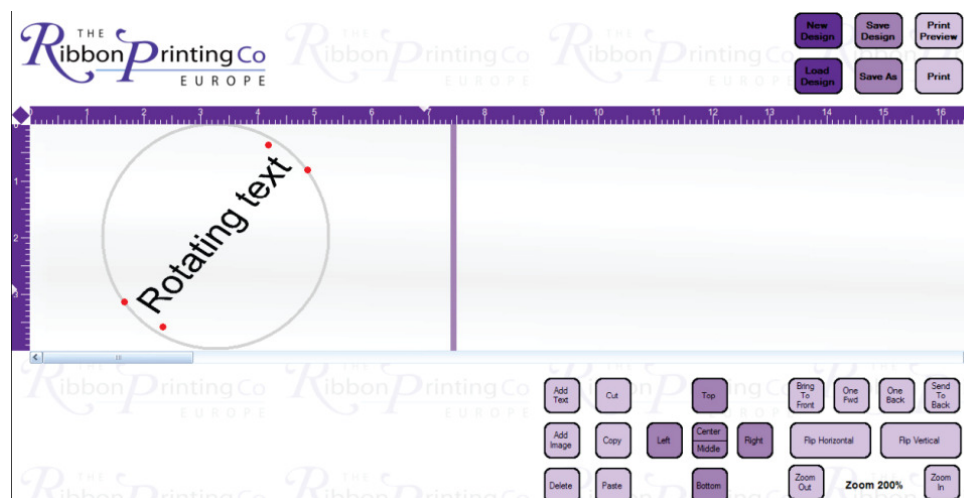
Click 'Add' and your text will appear on the Design Board.



Sizing Text – To size text click on your text once, this will then show the text box with the red squares on the corners and half way along each straight side. Click, hold and drag the red squares on the top or bottom middle to make it taller or shorter and the right and left middle to make it wider or narrower. To stretch proportionately, click, hold and drag the red squares in the corners of the selected text box.

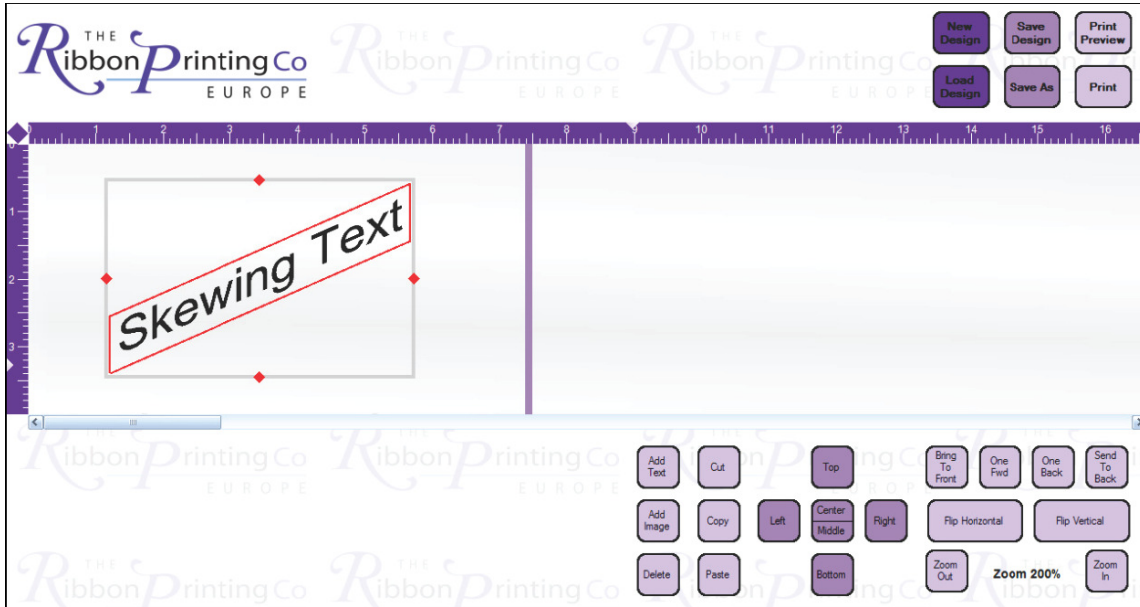


Rotating Text – To rotate text, click on the text twice until the circle outline appears around your text. Click and hold down one of the small red dots, then you can rotate your text to any desired degree by dragging the circle around with your cursor.



Note - Right click on selected text and you have the option to rotate text in 90 degree increments.

Skewing Text – To skew text, click on the text outline box 3 times until the box with the red diamonds appears. Now you can click, hold and drag these diamonds to skew text as you desire.

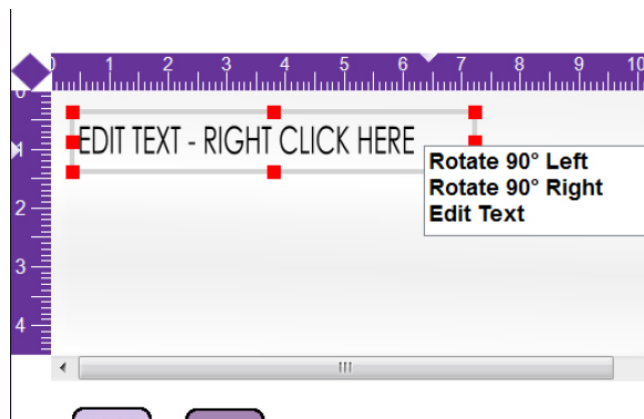


Continue clicking and you will see that the editing options cycle through from stretching to rotating to skewing.

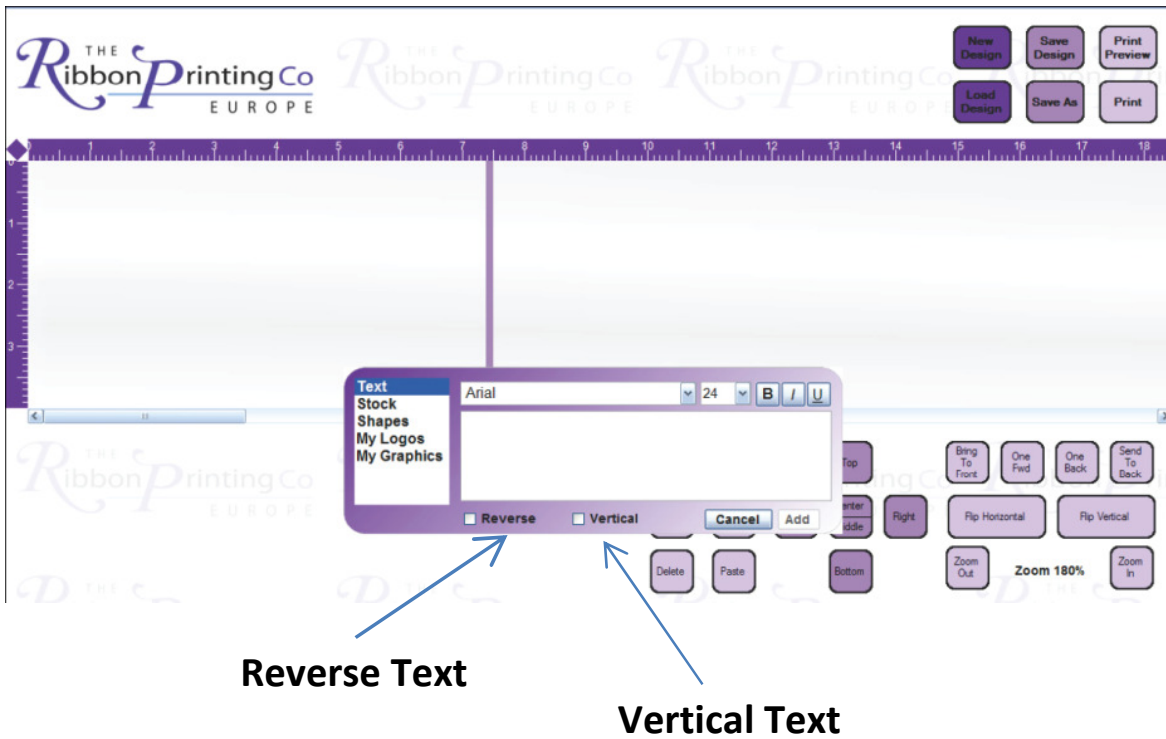


Editing Text – To edit text, right click on your text and on the pop up pane click 'Edit Text'. Then you can make changes to your text.

Rotating Text - This is where you can also rotate your text in 90 degree increments.

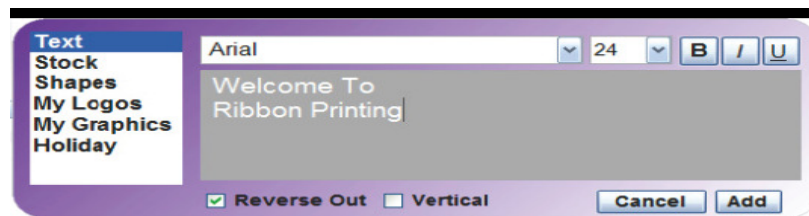


Reverse and Vertical Text – Selections for these functions can be found in the Add Text dialog box.



Reverse Text – When you reverse text, it becomes transparent, if you then add this text on top of a shape you have already inserted the shape will be what is printed and the text will not be printed, so the text will be the ribbon colour.

When the Reverse option is selected, a gray box appears around the text since it will show white and be invisible otherwise.

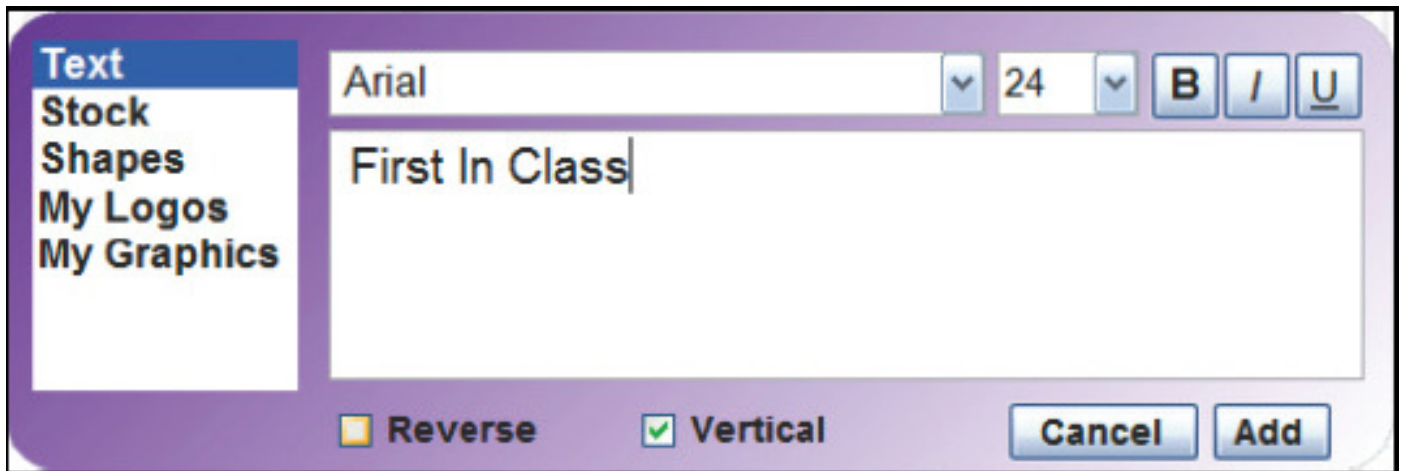


Dark shape is the bottom layer

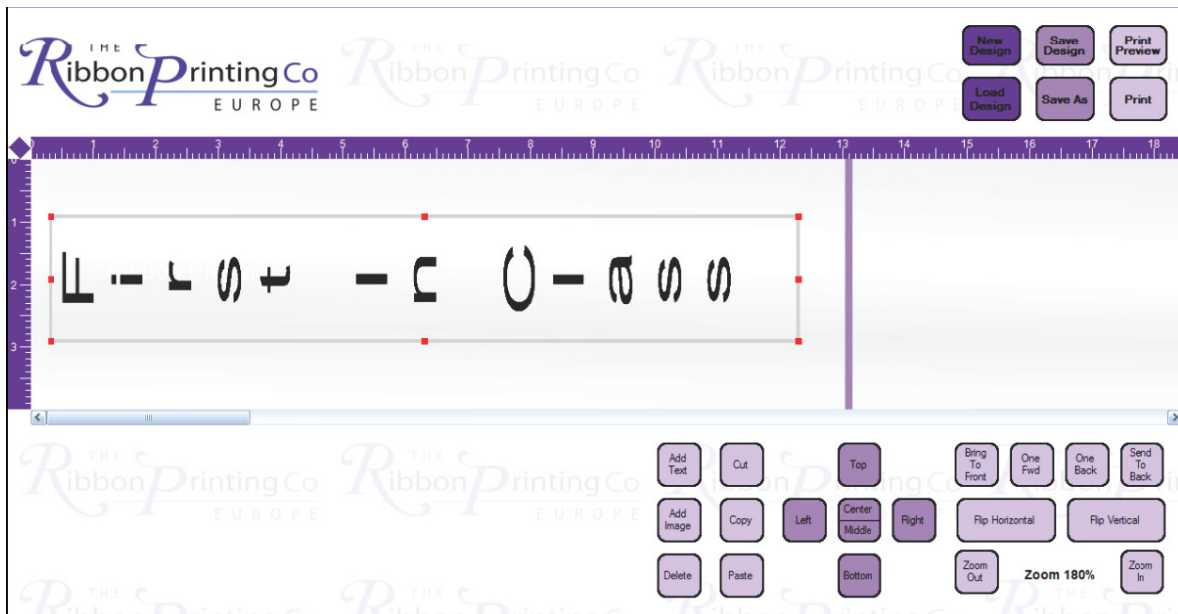
Reversed out text is the top layer



Vertical Text – This allows you to insert text vertically. It is used (for example) on award ribbons and sashes.



When you click 'Vertical', your text appears in the Design Board as with Horizontal text but it is now vertical. From here you can stretch to your desired proportions.



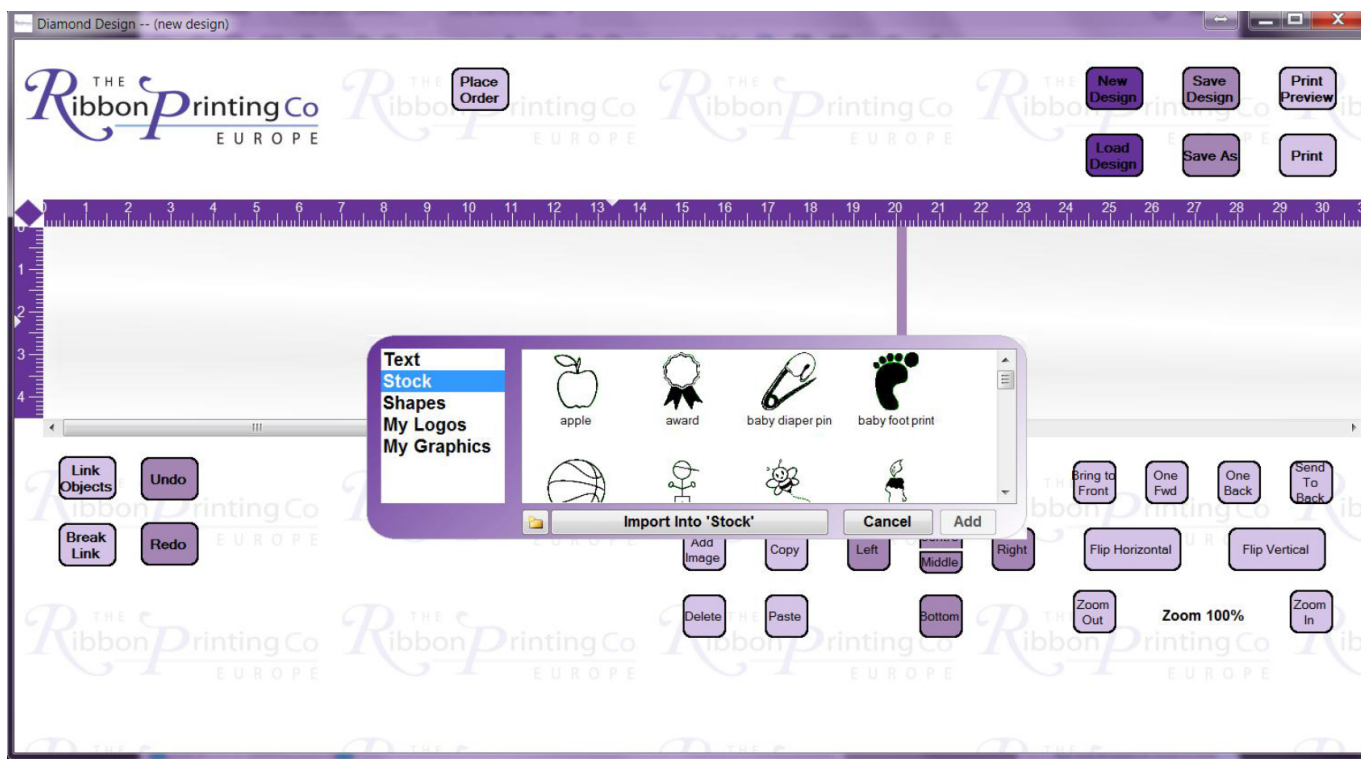
Adding Images – To add images click on the Add Image button and a new window will appear. The graphic files accepted are jpeg, gif, png, tiff, bmp and exif.

Other design suites such as Corel Draw or Illustrator can be used, when the file is saved in vector format import it as an image and re-size as required.

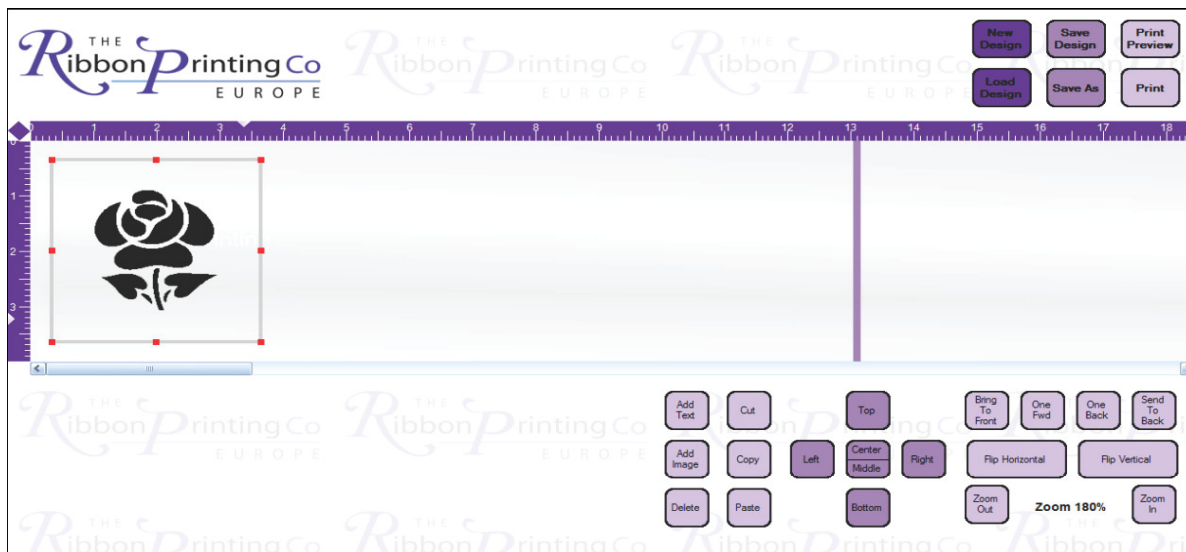
You can import clipart, logos, and other images as long as they are in these file formats.

Click 'Add' and they will show up on your Design Board just as the text does.

Note: You can also double click on the image and it will appear on your Design Board.



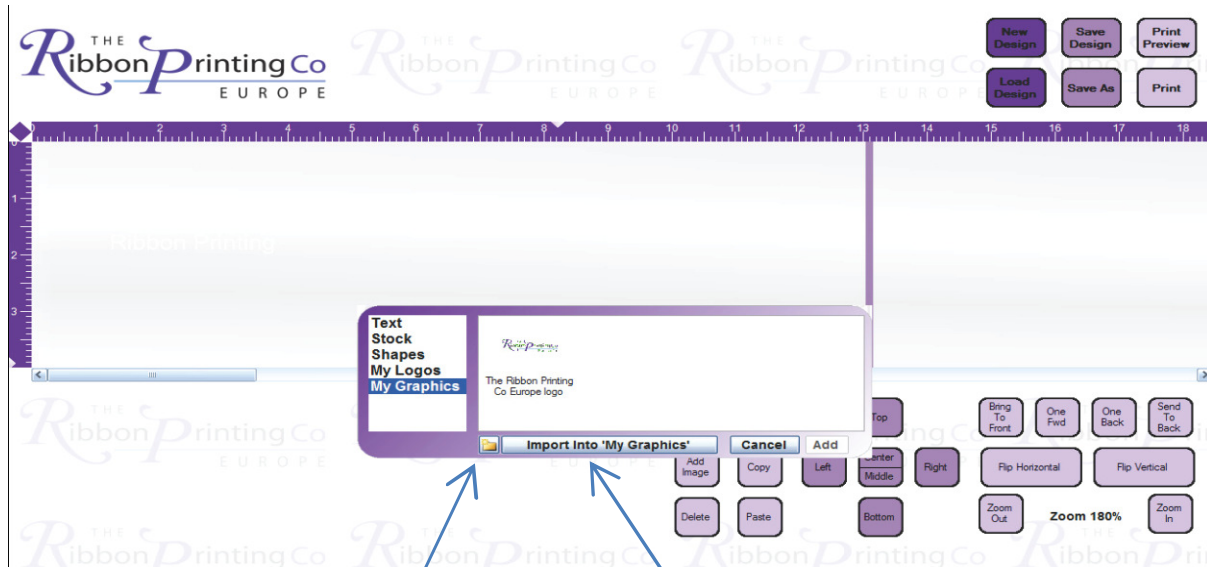
From here you can stretch, rotate, and skew images just as you can with text boxes as described earlier.



The Graphics Folders – When you click on Add Image, a dialogue Box appears containing several graphics folders.

They include Stock (preloaded graphics), Shapes (preloaded shapes), My Logos, and My Graphics.

You can create your own folders and add images to all existing folders except the Stock folder.

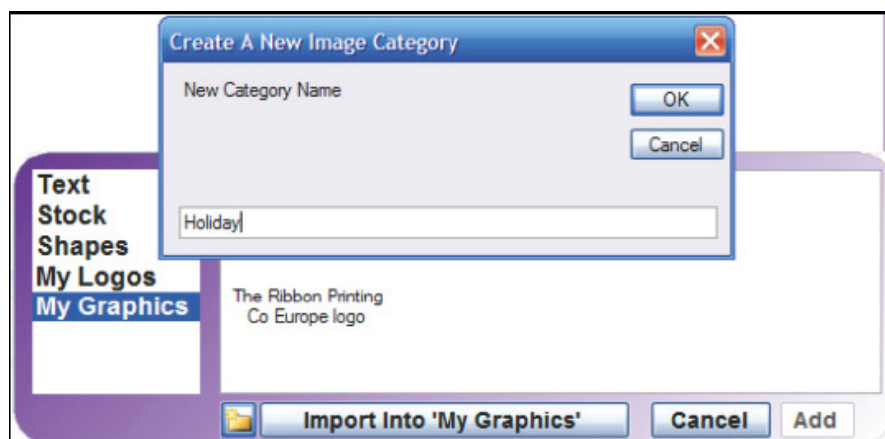


Create New Folders

Add Graphics to existing Folders

Create a New Graphics Folder – If you want to create a new graphics folder, click on the file folder icon.

A new dialogue window allows you to type in the new category. Press 'OK' and it now appears in the list of folders in the Add Image selection screen



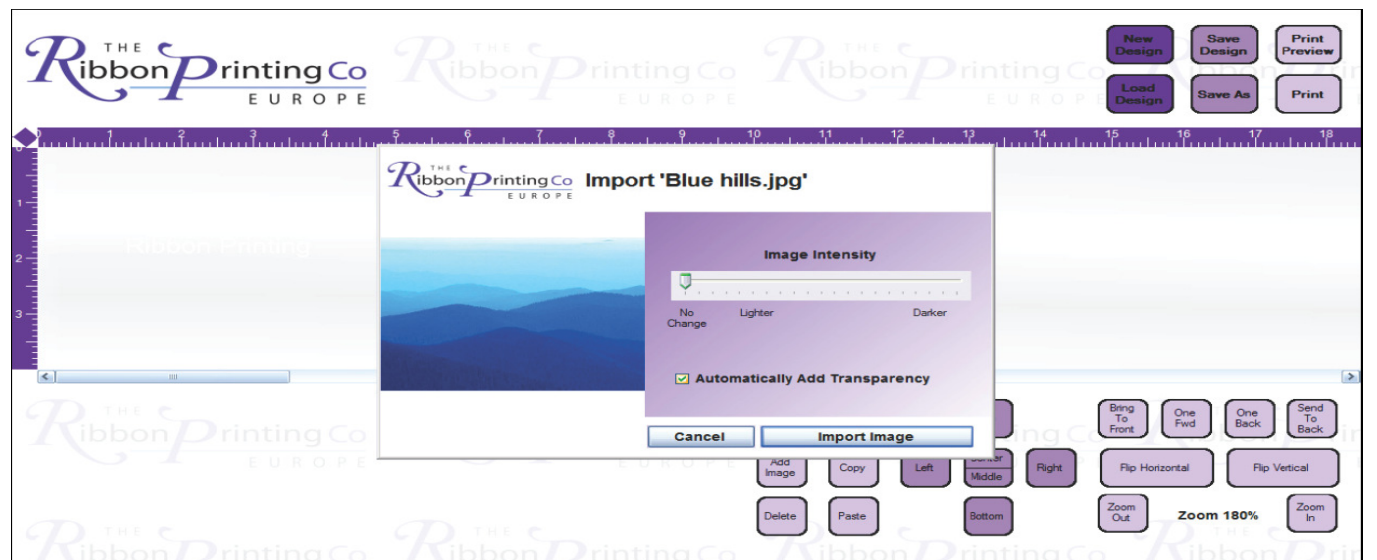
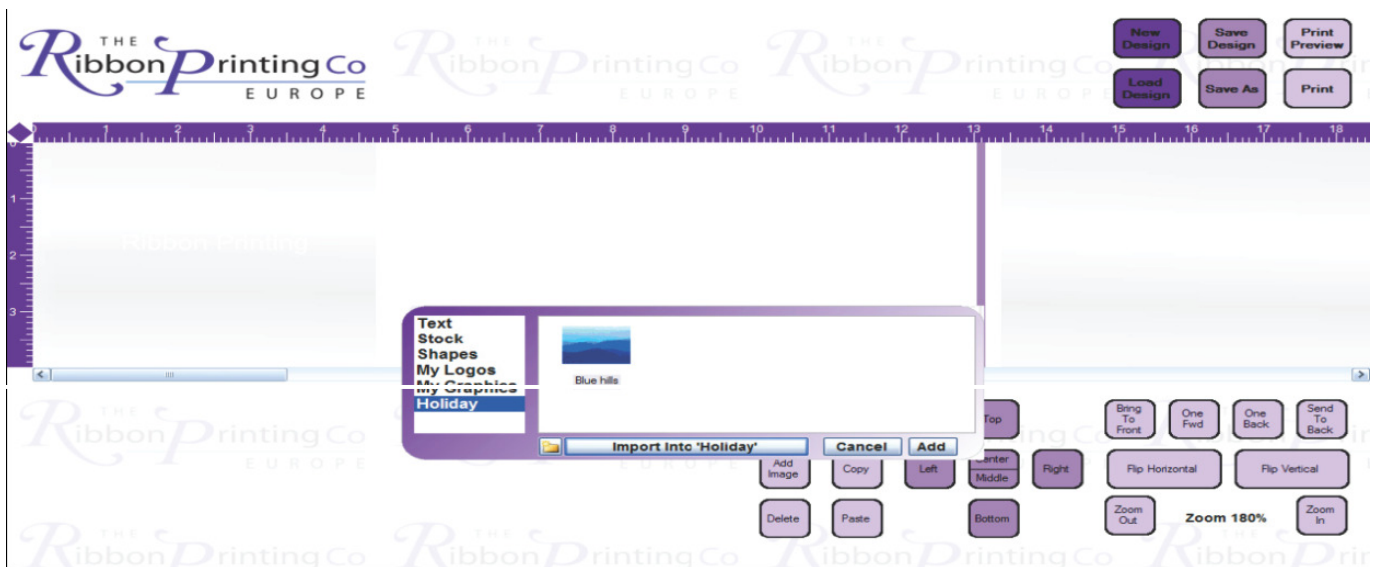
Note – To delete a Graphics Folder or images simply right click on the image and press delete.

Importing Your Own Graphics – To add your own images, click on the Category folder where you would like the image to be saved. Then press “Import into (Category Name)”. You can then browse your folders for the relevant file, click on the file or multiple files (using shift or ctrl to select multiples) then click 'OK'.

A visual of the image will now pop up allowing you to use the slider to adjust the black print density for a sharper print. *This will happen for each image individually if multiple images have been selected.*

When you are happy with your adjustment, click 'OK' and the image will now be saved in the Category folder, ready for you to select and add to your Design Board.

Note - Some image files will not allow you to adjust the density of the colour. It is not a problem with the software but just the nature of the image you are trying to import. In this case import it in and see if you are happy with the printed result. If not, select a different image.



Linking Objects

You can link multiple text or images together to make one design on the design board.

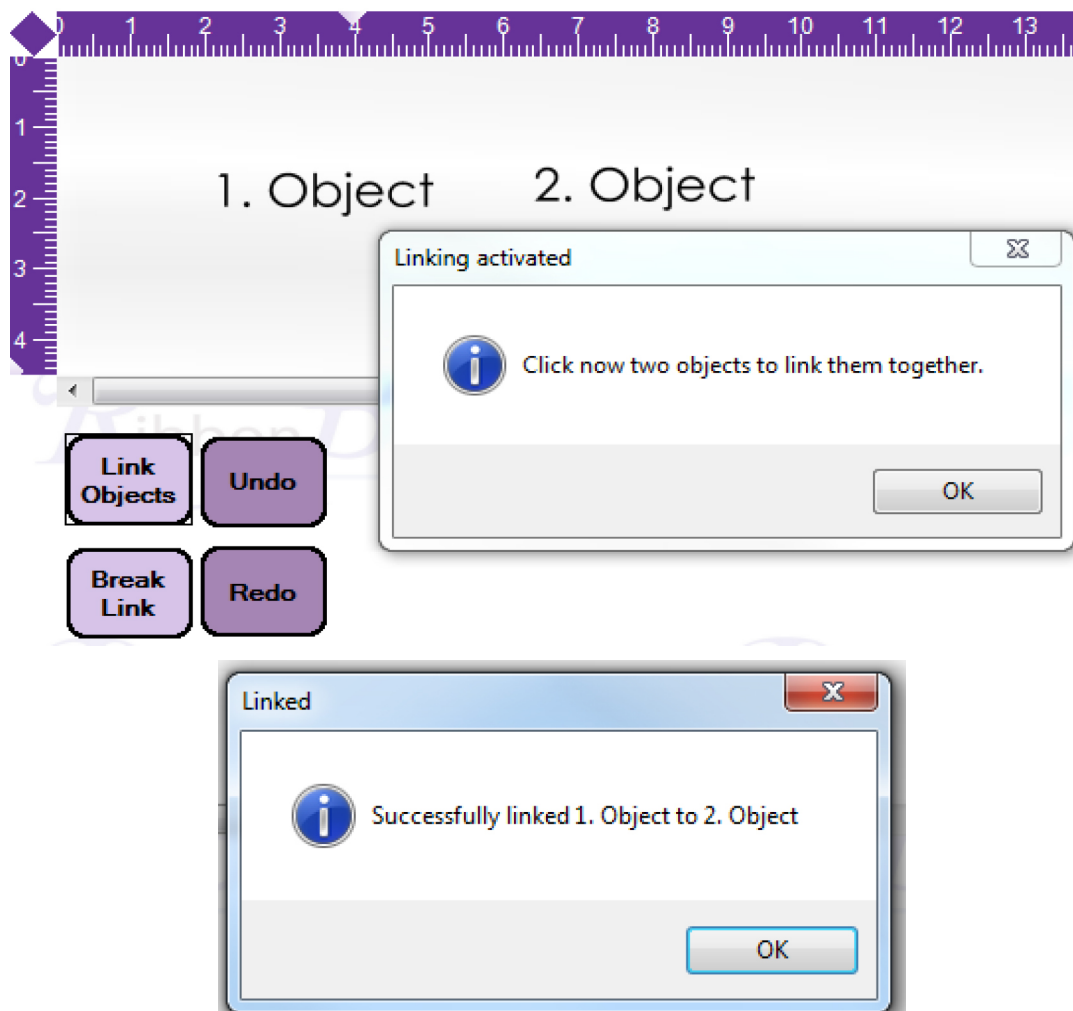
First of all you need to add your images and / or text to the design board as usual.

Then re-size and if necessary before linking them together as you can't re-size them separately once they are linked.

Initially you will need to link object 1 to object 2, once linked you can add object 3 to the already linked objects 1 & 2 - and so on.

Click 'link objects', a pop up will say 'Click now two objects to link them together', click 'OK', then click once on each of the objects (image or text). A box will now pop up saying 'Successfully linked 1. Object to 2. Object', click 'OK'.

Your objects will now be linked together so to move them as one you can click either of them and drag into position, both will move together.



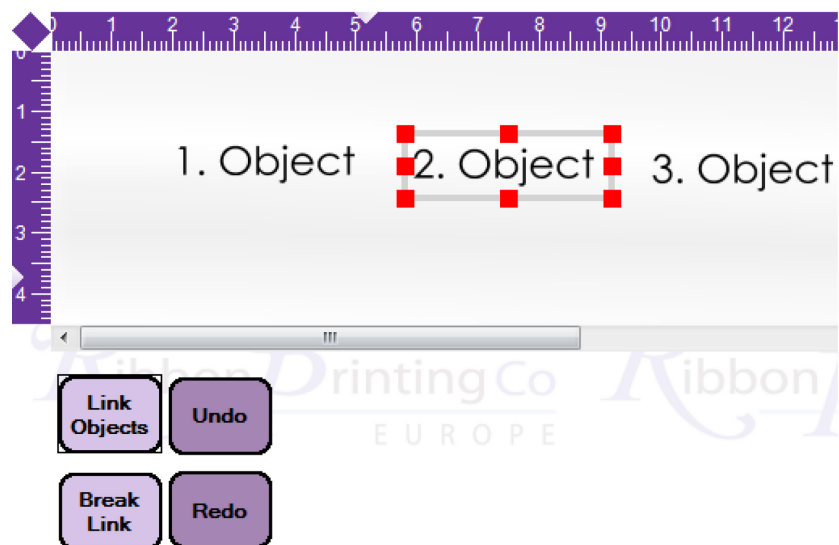
Link additional objects to two already linked objects.

Once you have linked 2 objects together you can add more objects to the group.

To add a 3rd object to the already linked 2 objects you need to link the 3rd object to BOTH object 1 AND object 2.

To add a 4th object to the already linked 3 objects you need to individually link object 4 to objects 1, 2 and then 3.

Then you can click and drag onto any of the 4 objects to reposition them as a linked group.

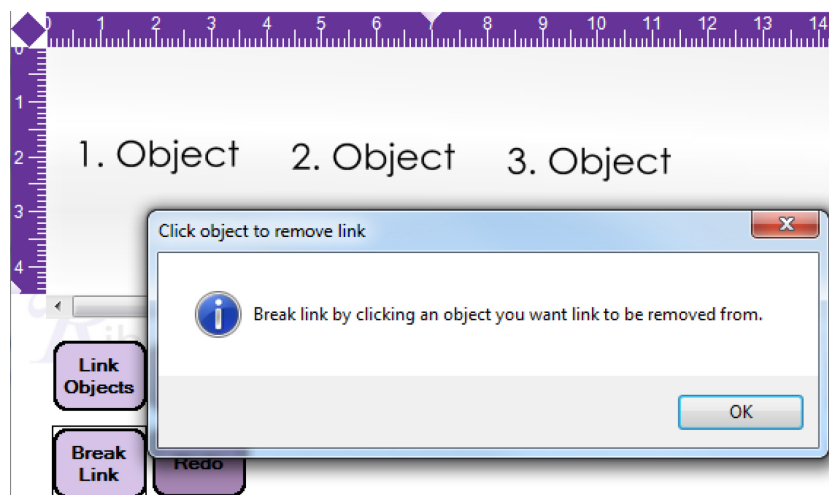


Breaking links between objects:

To remove the link between objects you need to break each of the links made.

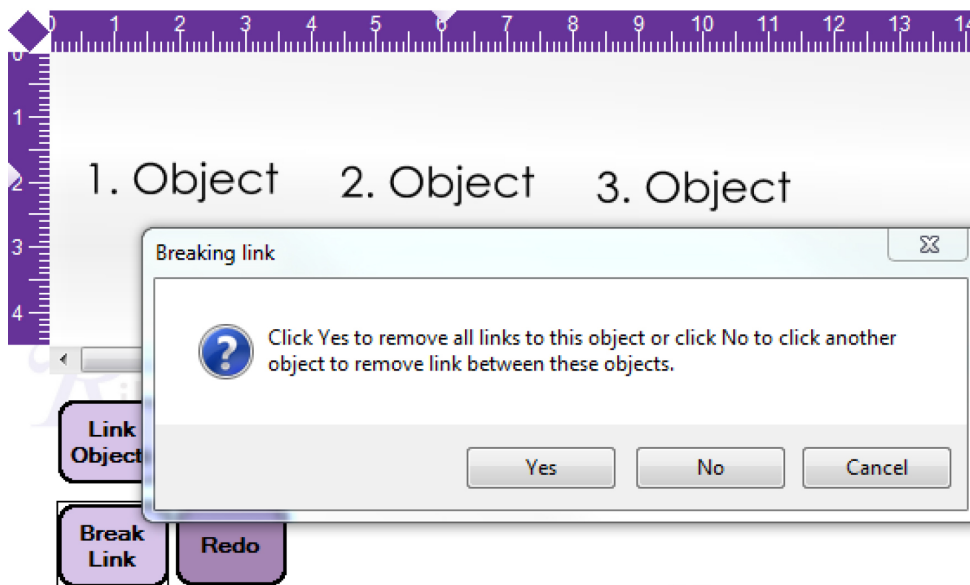
Click 'Break Link' button and a pop up saying 'Break link by clicking an object you want link to be removed from'

Click 'OK',



Click object 1 then a pop up will appear saying:

'Click yes to remove all links to this object or click No to click another object to remove link between these objects'.

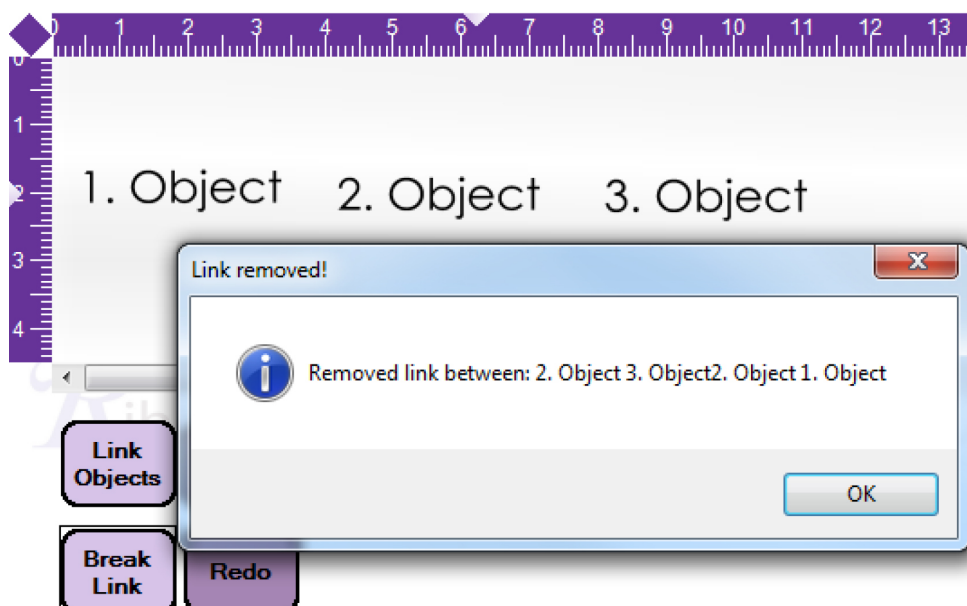


To break the link between object 1 and each of the other objects click yes.

This will now remove the individual links you made to object 1, so object 2, 3 & 4 will no longer be linked to object 1.

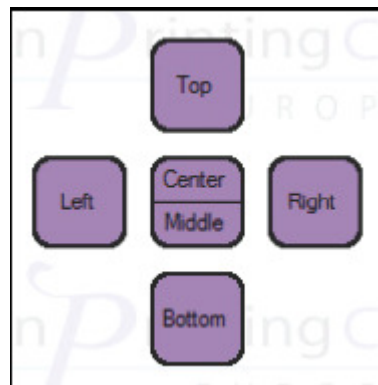
Objects 2, 3 & 4 will still be linked to each other but not to object 1.

You need to repeat this process with each object until the links have all been broken.



Movement Function Set

Easily move text and graphics on your Design Board with these buttons.



Left – Moves selection completely to the left

Top – Moves selection to the top

Center – Moves selection to the center of the length of the ribbon

Middle - Moves selection to the center of the width of the ribbon

Bottom – Moves selection to the bottom

Right – Moves selection completely to the right

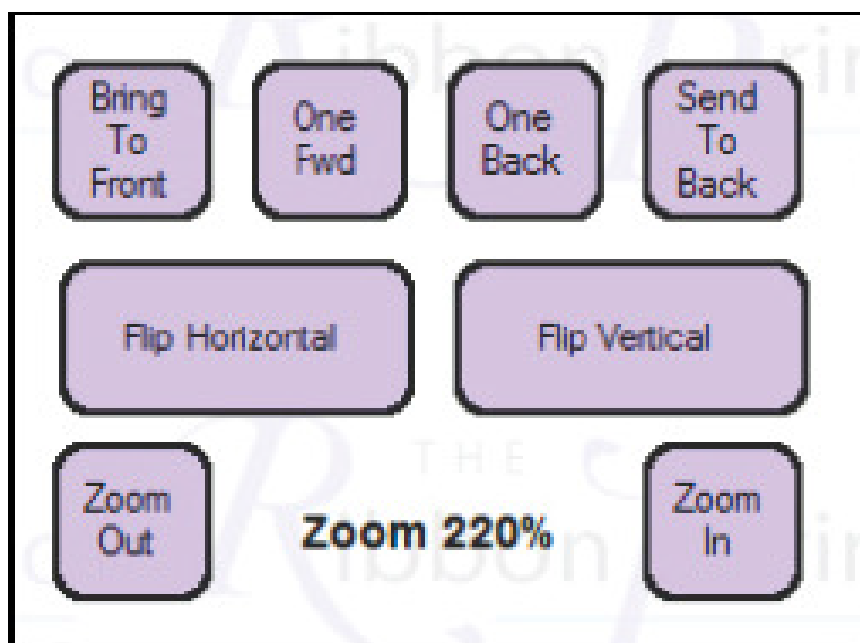
Nudging – For perfect placement of text and graphics you can also “nudge” your selections if clicking and dragging isn’t giving you the desired result.

You can nudge in any direction using the arrow keys on your keyboard.

Press the up, down, left or right arrow key for a Big Nudge, press shift and the relevant arrow key for a small nudge or Ctrl and the relevant arrow key for a tiny nudge.

Placement Function Set

These buttons allow you to place text and images closely together, layer them or flip them.



Layering is placing images or text on top of each other, so the top image you will see in its entirety and images below will be partially seen.

Bring to Front – Places your image or text as the top layer, so you can see the entire object.

One Fwd – Brings the text or graphic one layer up

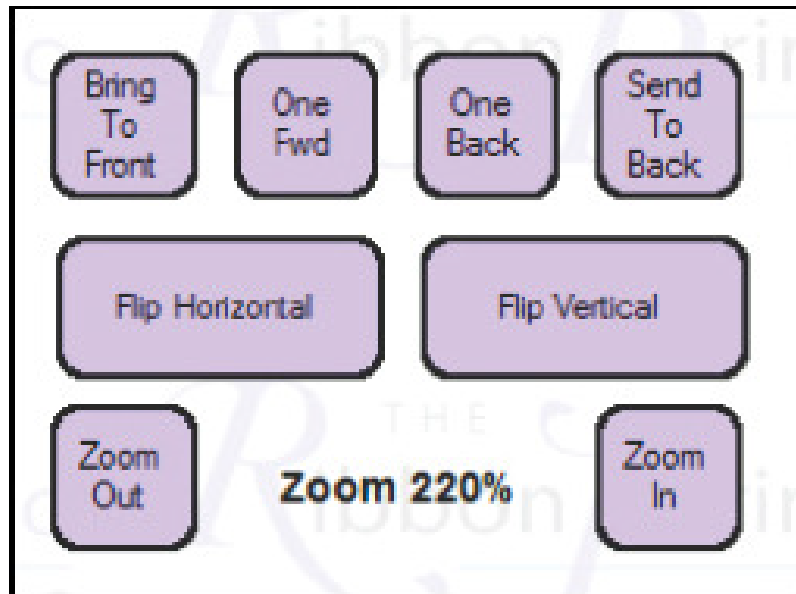
One Back– Brings the text or graphic one layer down

Send to Back – Places your image or text as the bottom layer.

The flip buttons are mostly used for graphics so you can add a mirror image in various fashions.

Flip Horizontal – Mirror image horizontally

Flip Vertical – Mirror image vertically



The zoom buttons are designed to allow you to view a long Design in its entirety (sashes for example) or it allows you to zoom right in to get a closer and more accurate display of intricate designs.

Zoom Out – Use this to see more of the design

Zoom In – Use this to get closer to a section for detailed design work