

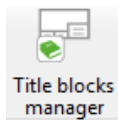
elecworks™ Tips & Tricks

Creation Of A New Title Block

When a title block is in the library, it consists of a graphical representation and characteristics stored in the database. A title block which is not inserted via the title block Manager will not be managed by elecworks.™

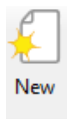
In this example, we are going to create an A3, 8 column title border. If your title border is in accordance with IEC61082 and you wish to have an IEC 8 column x 6 row title border, please contact customer.services@cadline.co.uk who will send a typical one out.

Select the *Library* ribbon tab



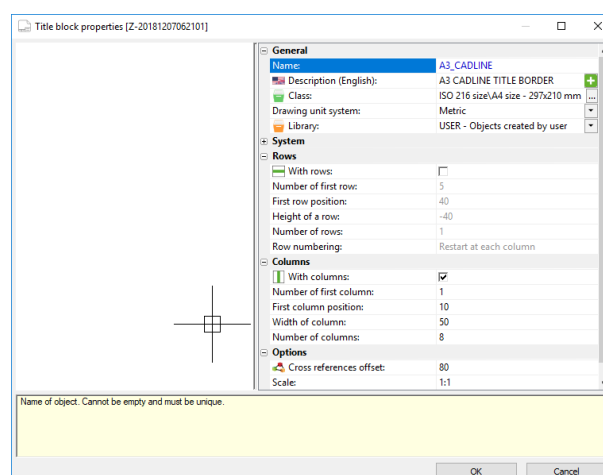
Select

Select the classification  A3 size - 420x297 mm



Select

The title block properties dialogue will open.



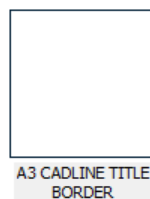
Define the following:

Name:	A3_ <<COMPANY NAME>>
Description (English)	A3 <<COMPANY NAME>> TITLE BORDER
Class:	ISO 216 size\A3 size – 420 x 297mm
Unit system:	Metric
Library:	USER – Objects created by user
With rows:	<input type="checkbox"/>
With columns:	<input checked="" type="checkbox"/>
Mark of first column	1
First column position	10
Width of column	50
Number of columns	8

 Select

N.B. The number of rows and columns and their widths have to be graphically drawn in accordance with the above settings.

A blank entry will now be shown in the ISO 216 > A3 section > A3 <<MY COMPANY NAME>> TITLE BORDER




Right click over the image and select  **Open**

We now need to create the graphics part of the title border.

If you need to create a new title block for which the characteristics are close to an existing symbol, use the *Copy* and *Paste* commands and then modify the copy.

Select *Drawing* tab

Select  **Rectangle** to draw a rectangle

Enter X,Y coordinates of 5,5

Select 

Enter X,Y coordinates of 415,292

Select 


Select  **Rectangle**

Enter X,Y coordinates of 10,10

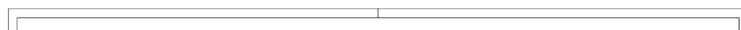
Select 

Enter X,Y coordinates of 410,287


Select 

Select  **Line** *Line*

Draw a line from the midpoint to the perpendicular as shown.



We are now going to draw the 8 columns, but we are going to draw the middle of the columns as well to align the column intelligent annotation correctly. The additional lines can then be subsequently deleted.


Select  *Offset*

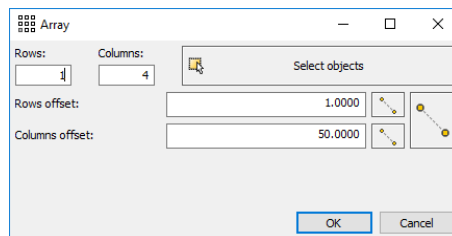
Distance 25

Select 

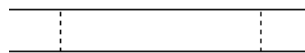
Select the vertical line

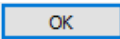
Left click to the right of the line

Select  *Array*



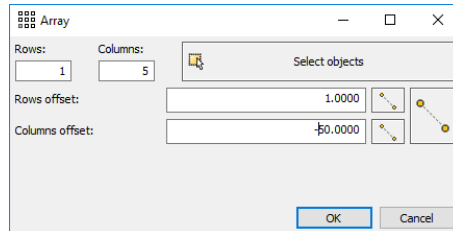
Select  *Select objects* and window the two vertical lines

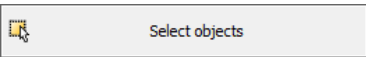


Right click and select 

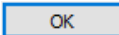
The columns will now be drawn.

Select  Array *Array*

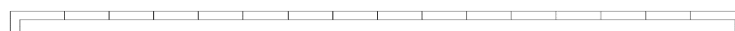


Select  and window the two vertical lines



Right click and select 

The columns will now be drawn



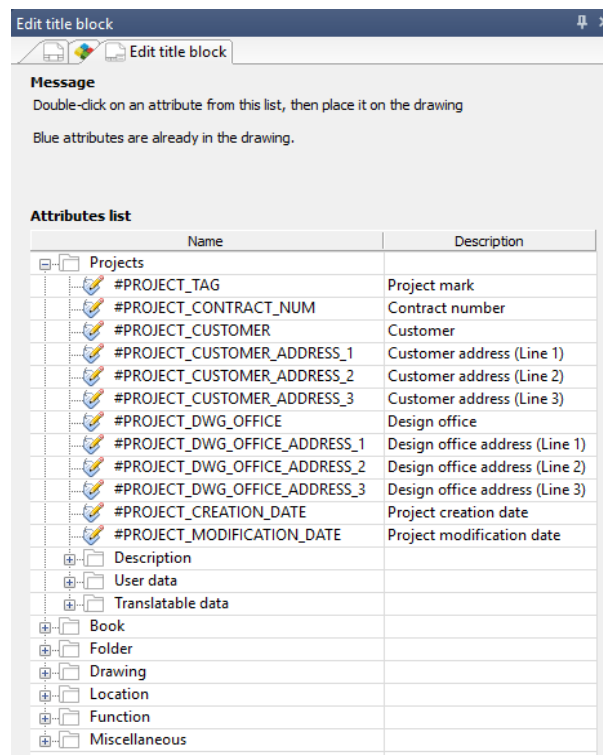
More lines can be drawn at the bottom to depict the correct graphics if you wish.



Attributes management


The title block attributes are used to propagate information defined in the record cards and display it in the title block.

A list of available attributes is available in the *side panel*. The list of attributes will also automatically show customised user fields that have been added into the project record card.

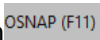


When the attribute is inserted the text in the dialogue turns to **blue**.

Double-click on the attribute you wish to insert. The attribute is hung on the cursor. *Click* on a point to place it.

Each  will reveal attribute intelligence that when placed in the title border will annotate the information that has been defined in the project and drawing record cards.


Select  to turn on OSNAP

Right click on  and select Middle

Select *Miscellaneous* > double *left click* on *#COL Column*




Position in the middle of the first vertical line as shown above.

Right click on the *#COL* attribute >  *Properties...*

Define the following:

Justification	Middle centre
Height	2.5

Select  *Array* *Array*

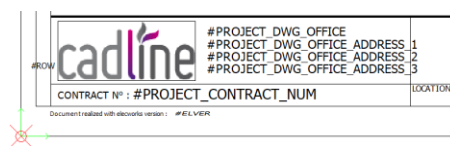
Define the following:

Rows	1
Columns	8
Column offset	50

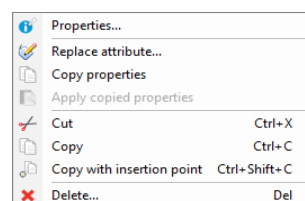
Select 


Delete each line that is drawn underneath the *#COL* attributes.

Position the required number of attributes around your title block in the position you want them.



Right-clicking on an attribute inserted in the drawing displays a contextual menu allowing the available functionalities to be displayed.



Select  to save the title border