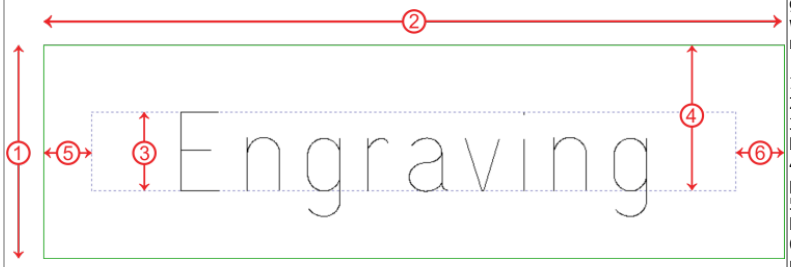
De Basics

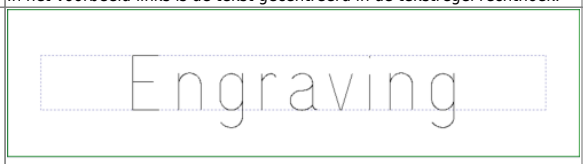
Symmetry werd ontwikkeld om snel eenvoudige of complexe layouts in te voeren die gegraveerd moeten worden op een van de Cyborg graveermachines.
Als je de basiskenmerken begrijpt, helpt je dat bij het gebruik van deze software. Lees de onderstaande uitleg aandachtig door.

De basisparameters die elke tekstregel definiëren, worden in de onderstaande afbeelding uitgelegd.

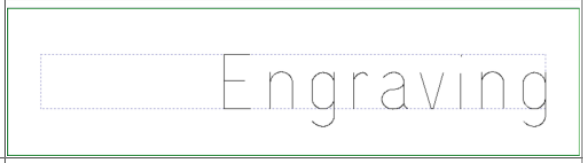
<table>
<tr>
<td>
</td>
<td>De groene rechthoek stelt de plaatrand voor.
De gestippelde rechthoek is een layoutregel, ook wel een tekstregel genoemd. Het is een denkbeeldige rechthoek die niet gegraveerd zal worden. De lengte van deze denkbeeldige rechthoek bepaalt de maximale ruimte die voor tekst is gereserveerd.

1. Dit is de plaathoogte.
2. Dit is de plaatbreedte.
3. Dit is de letterhoogte. Dit is in elk lettertype de hoogte van de hoofdletter “E”.
4. Dit is de basislijnafstand. Het is de afstand tussen de bovenrand van de plaat en de basis van de tekstregel rechthoek.
5. Linkermarge, dit is de afstand tussen de linker plaatrand en de linkerkant van de tekstregel rechthoek.
6. Rechtermarge, dit is de afstand tussen de rechter plaatrand en de rechterkant van de tekstregel rechthoek.

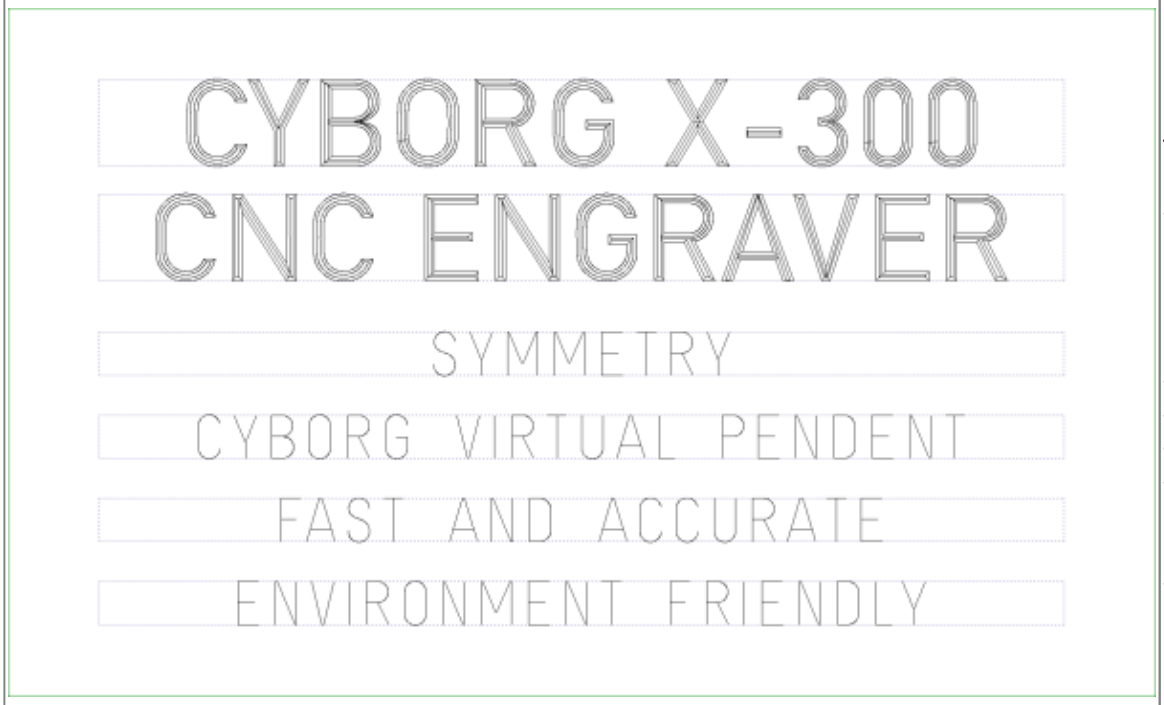
In het voorbeeld links is de tekst gecentreerd in de tekstregel rechthoek.</td>
</tr>
<tr>
<td>Nota’s:

* All sizes are normally expressed in millimeters. The software however can be set up to work in inches.
* Every font contains characters which partially descend below the baseline, in the above example the lower case “g”.
* Every font also contains characters which are higher than the character height.
* Inside a layout line the text can be centered, or left aligned, or right aligned. (see the examples on the right)
* In the above example and the ones on the right the textlength is shorter than the length of the imaginary layout line box.</td>
<td>



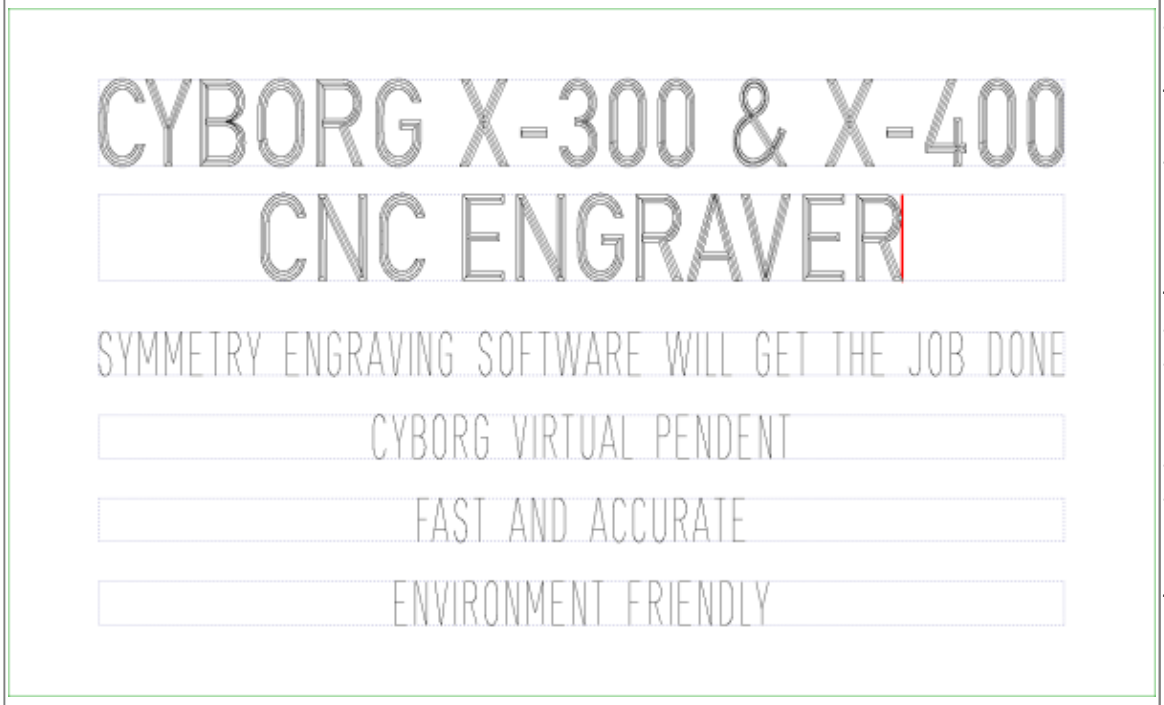

</td>
</tr>
<tr>
<td>
</td>
<td>* When the text gets longer, it will eventually reach the limits of the imaginary layout line rectangle.
* From that point the text will be condensed, but only in its width. The height remains unchanged.
* A non condensed textline is displayed at 100 %, condensed texts have a smaller than 100 % condensation percentage.
* Both the characters and the inter-character spacing will be condensed equally.
* When the condensation gets too big, the text becomes illegible.</td>
</tr>
</table>

Three different condensation modes.



The plate on the left contains 6 text lines.
The first two lines have the same character height.
The last 4 text lines also have the same character height.

None of the texts is so long that it touches the edges of the text line box.
Because of that all text lines will be engraved at 100 % width
The first 2 lines have been set up in the “Din1451 4-line” font.
The last 4 lines have been set up in the “Din1451 1-line” font.



Condensation mode: Equal Height Lines
All text lines with the same character height also get the same width percentage.
The first line was too long to fit into the text box and was condensed to 75.38 %.
The second text line has the same height, and although the text was not too long, it also gets 75.38 % width.
The 3rd text line has been condensed to 54.31 % to fit inside its text line box.
The 4th, 5th and 6th lines have the same height as line 3, and hence get the same condensation percentage of 54.31 %.



Condensation mode: All lines equally
All text lines, whatever their character heights, get the same width percentage.
The third line was the longest of the 6 and had to be condensed to 54.31 % to fit into its text box.
All other text lines, whatever their height, also get 54.31 % width.

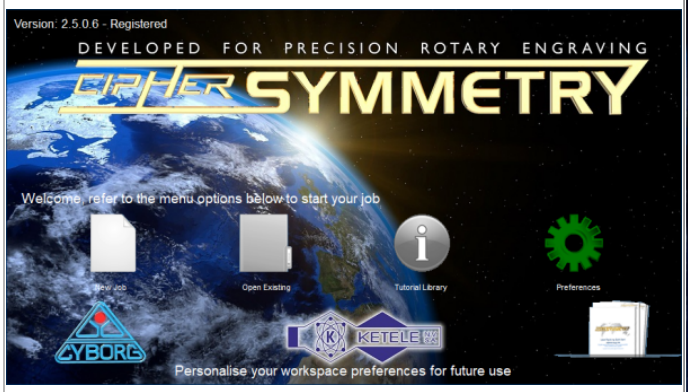


Condensation mode: Lines individually
Of all the textlines on a plate only those which are too long are being condensed.
The first line was too long to fit into its text box and was condensed to 75.38 %.
The second text line has the same height, the text is not too long, so it keeps the 100 % width.
The 3rd text line has been condensed to 54.31 %.
The 4th, 5th and 6th lines have the same height as line 3, but were not too long and keep a width of 100 %.

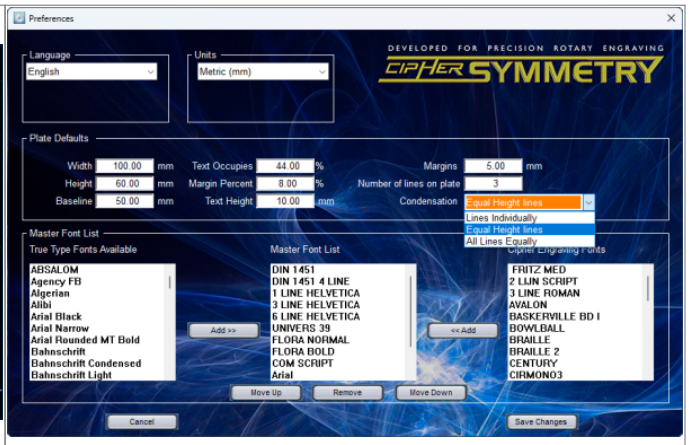
How to set a specific condensation mode

Basically there are two possibilities, either you can set a specific option as default, or you can change the condensation option for any specific job.

1. Set as default	

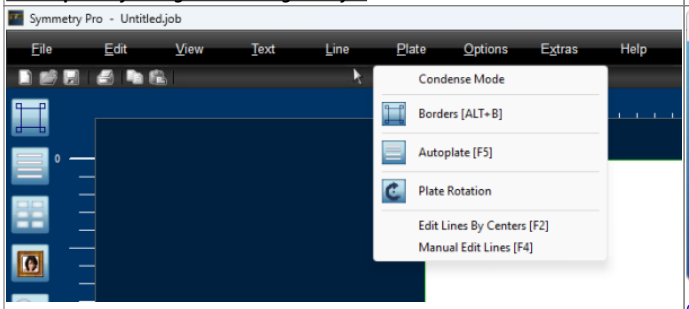


When starting the Symmetry software this window will be displayed on your pc.
In this window you click on the gearwheel which gets a green colour when you hover over it.

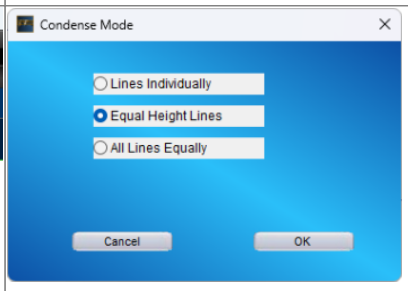


When you click on this gearwheel the above window opens.
In the right part there is an option “Condensation”.
Clicking in this option field you can choose any of 3 options, and save that option as default.

2. Temporarily change the setting for a job



In the Symmetry menu system select the option “Plate”.



Clicking on the “Condens Mode” menu option the above window will open.
Select one of the 3 options and click on the “OK” button.

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