



## Complete Text capabilities

(included in « Graphic» and « Graphic & Wrap » Package)

TYPE3 CAAV5 Based (also called CATIATYPE) is developed by GRAVOTECH MARKING S.A.S., the worldwide leader in Engraving solutions. The TEXT module of TYPE3CAAV5 Based is developed from the

TYPE3 expertise, fruit of over 26 years experience and over 60.000 users worldwide. Users can then benefit, directly inside CATIA V5 from this extensive and unique professional experience in creation of TEXT. It offers in 1 unique window all required functionalities users would need for their creation of TEXTS inside CATIA V5, and benefit from full associativity.

### 1. Is it possible to work with True Type and Single Line Fonts?

Type3 CAAV5 Based allows the use of all True Type and Single Line Fonts installed on the PC as well as all VN fonts (single/stroke line fonts).

### 2. Can we work with Asian and Arabic True Type fonts?

You can work with Asian, Russian or Arabic TTF as long as you install CATIA on any non US or European Windows Environments. All you need to do is retrieve the Foreign Windows Fonts and work with them directly from your keyboard.

### 3. How to retrieve CATIA's default Fonts in Type3 CAA V5?

By installing the Fonts under the OS Fonts Directory.

### 4. When we create Text and Logo with Type3 CAA V5, what kind of entities do we build in CATIA V5?

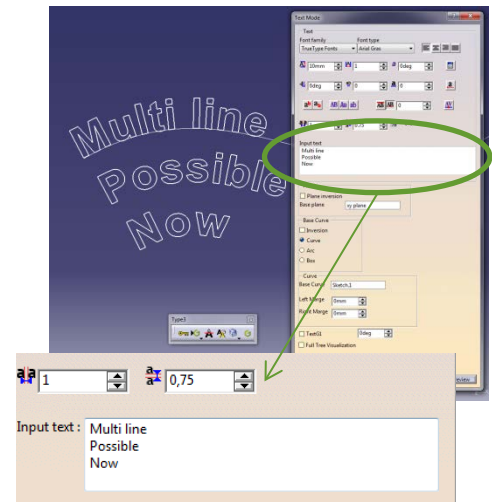
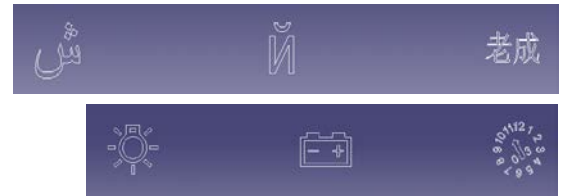
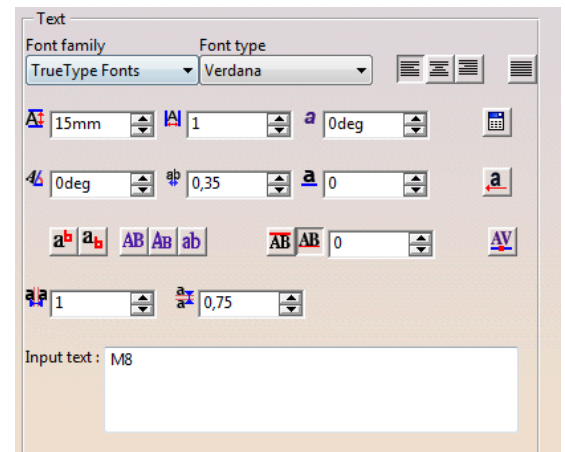
A feature text within CATIA's tree is created. It can be modified by accessing all parameters individually without having to edit the feature text.

### 5. Why using single/stroke line fonts (VNF for instance)?

Single line fonts are usually used to save time during the machining phase (following the profile) offering an alternative to pocketing.

### 6. Are all Fonts G1 type?

By default standard TTF fonts are not G1, but with Type3 CAAV5 Based it is possible to convert fonts into G1 type with a single click.



**7. What will be the benefit between using the associative text features from TYPE3CAAV5 Based, compared to DXF importations for example?**

The benefits are significant while dealing with text. Some examples are mentioned below:

- Any changes to the characteristic TEXT is directly shown in your CATPART,
- CATPART size can be downsized to 40% or more depending on text length.
- Text is fully parametric and associative with all other features of CATIA V5.
- Type3 CAA V5 features can be used inside CATIA macros.
- No loss of precision due to the quality of DXF import/exports.
- Saving archives with all design components is completely associative.
- Q-checker and Powercopy compatible

**8. Can I use DESIGN TABLES / FORMULAS?**

Yes, since all text's parameters are published the design formulas can be created. This is beneficial while working with models with multiple languages from excel files that need to be applied to one single CATPART.

**9. Can I use MACROS with Feature Text?**

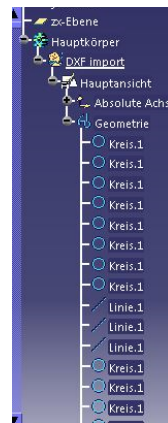
Yes. Type3 CAA V5 Based allows Users managing texts via the Macro interface of CATIA V5. Users can record / edit / modify a macro with the feature text. In the current editor (for example Microsoft Visual Basic) we can find all parameters of the text within the macro, then modify the macro according to the applications. This approach gives a real opportunity to Users targeting an automation process. The benefits can be applied to front panels, labels ...

**10. Can I use SYMBOLS , pictograms, special characters?**

Yes. Any symbol you use from the included "Special Character" list can be manipulated like a font. It can also be extended using your own symbols (conversion service available within our Gravotech group)

**11. I have my own company font, how can I use it in TYPE3 CAAV5 Based ?**

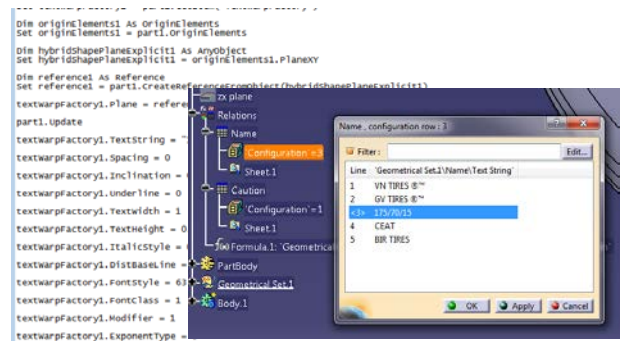
Specific services such as converting a special company font to a VNF Font can be provided to you. This can then be used in TYPE3 CAAV5 Based. Please contact [sales@type3.com](mailto:sales@type3.com)



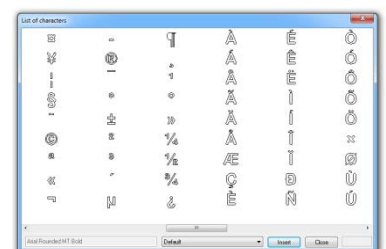
**For same artwork :**

**Left** DXF import, showing dozens of lines.

**Above** : creation with Type3 CAA V5 : just the 2 required curves !



Working with Macros



**12. How can I get more Single Line fonts ?**

As an option you have the possibility to purchase extra sets of fonts, such as Single Line fonts developed by our Gravotech group.

2 different packages are available amounting to 20 fonts.



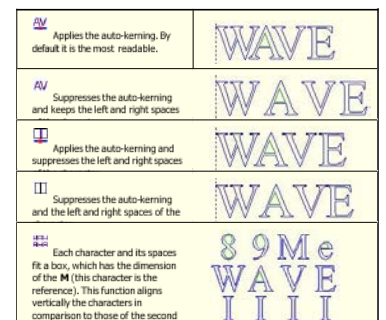
**13. Can we control the position of the text on the support curve?**

There are several possibilities for accurate positioning. Users can set text according to the Align left / Centre/ Right / Justify options. It is also possible to define an extra distance from the beginning or end of the curve.



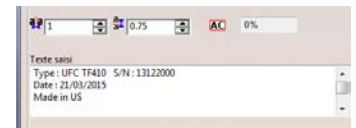
**14. Can we use edges from surfaces for text support?**

Absolutely, edges or vertices can be used as a text support.



**15. What about KERNING for character spacing ?**

Having the possibility to adjust KERNING is essential. This allow to meet graphic rules or to adjust designs to the shapes of the surface. TYPE3 CAAV5 Based offers all Kerning possibilities from a specific menu.



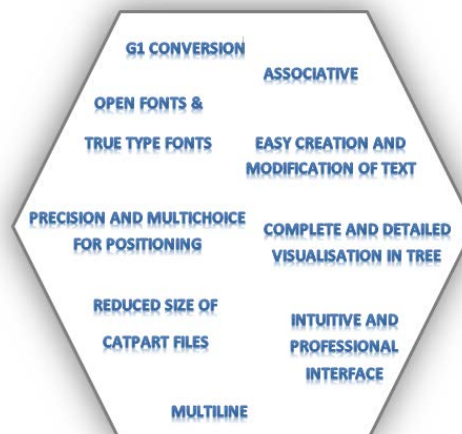
**16. Is it possible to write a multiline text ?**

As of version 5.5 this possibility exists. A single point can be used as a reference to type your text.



**17. Is it possible to use multi-support for separate text fields ?**

As of version 5.5 this functionality is available.





GRAVOTECH GROUP



TYPE3-CAA  
SOFTWARE SOLUTION

FAQ



## About Gravotech

The Gravotech Group is the worldwide leader in the design, manufacture and distribution of innovative solutions for engraving, marking and artistic modelling.

Its offer is built around four brands: Type 3, Propen, Technifor and Gravograph. These brands cover four key technologies (laser, mechanical engraving, scribing and micropercussion) supplemented by a wide range of consumables and software solutions.

Based in the Lyon region of France, Gravotech has over 900 employees in over 100 countries. The Group boasts a vast international network: 29 subsidiaries and 300 distributors work alongside its 60,000 international customers, assisting them with their local or global issues.

