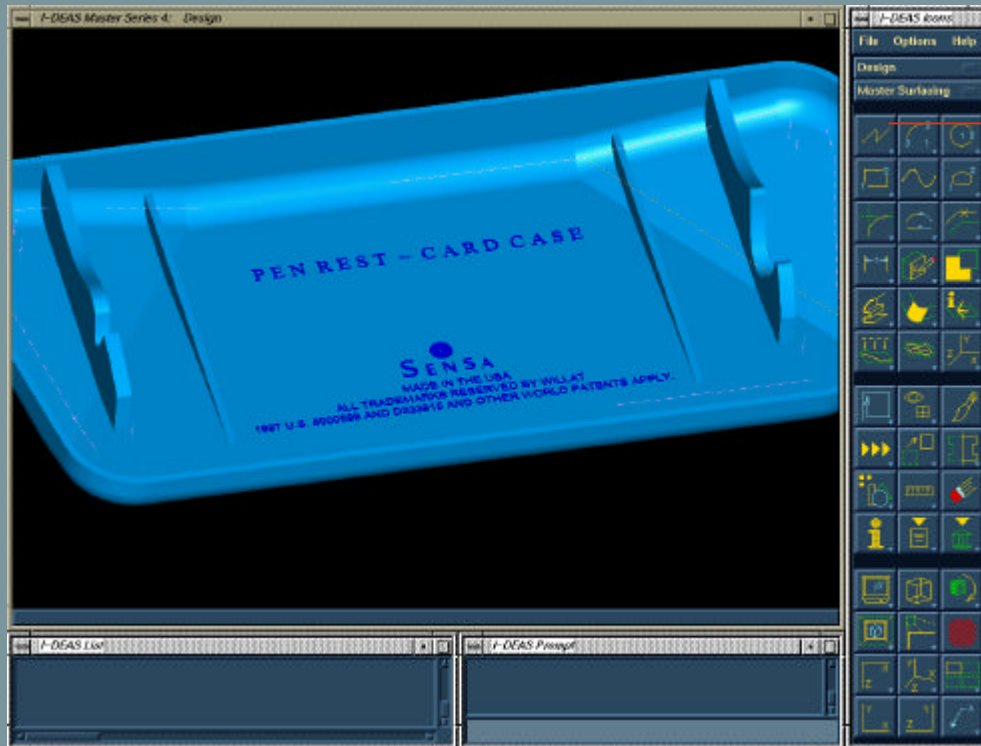


# Adding text to your parts is easier than ever before...

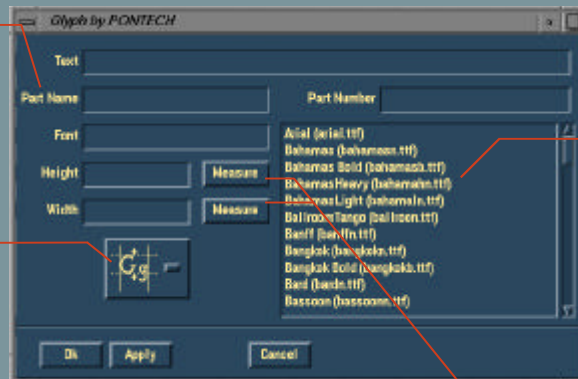
GLYPH reduces the time it takes to add text to a model file from minutes to seconds.



GLYPH launches easily from the I-DEAS polyline icon stack.

Name your part directly from the GLYPH dialog box.

Scale your text selection based on height or width of desired string.



Choose from assorted True Type Fonts (the same as used by MS Windows). Third party fonts are easily added in minutes.

Specify font parameters using values measured from your existing part.

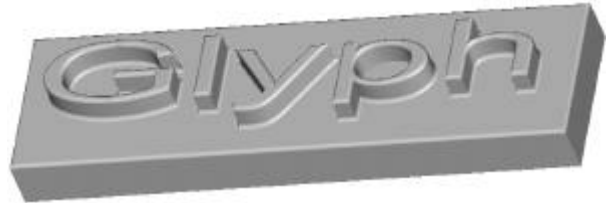
# PONTECH

presents

# GLYPH for I-DEAS

# Glyph™ for I-DEAS

Glyph, allows you to create an I-DEAS wireframe part in the form of a True Type Font outline. Once the part has been created, it can be moved or projected onto another part's surface and then extruded. The text can be used for adding a model number, model name, logo name or other embellishments to the physical part.



At present, to place text onto a part in I-DEAS requires a DXF file containing two-dimensional font geometry created in another application (most likely on a PC). The file must be read into Drafting as a two-dimensional wireframe then transferred to Master Modeler for creating a section. This is a daunting task for an experienced I-DEAS user with system administration knowledge requiring at least forty-five minutes to complete. Glyph can reduce the time to mere seconds by placing a section in the shape of a font outline directly onto the Master Modeler/Surfacing workplane.

Glyph is an open architecture program launched from within I-DEAS that allows a user to create a section in the shape of a True Type Font outline. Once running, the user can enter a line of text, part name, part number, and select a True Type Font. There are options for scaling width and height that can maintain text aspect ratio if desired. A user can define the width and height using the built in I-DEAS measure command. The outline can then be moved or projected onto a part surface so that it may be extruded.

## Newell Manufacturing Success Story

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Contact: Mike Berry

Newell Manufacturing utilizes I-DEAS Master Series running on Silicon Graphics Indigo2 XZ workstations to generate tool-paths for plastic injection molds and low volume machined parts. Often there is need for a part name or other information to be engraved. In a recent project to design a new Sensa brand writing pen and case for Willat, Newell used Glyph. Their distinguishing brand logo, patent number and other information located on an inner surface of the part. With Glyph, Newell Manufacturing is now able to complete designs requiring text engraving without ever leaving I-DEAS.

Pictured in the I-DEAS graphics window on the opposite side of this brochure is a sample portion of the model that was created in I-DEAS for Willat. Using Glyph, text was easily added to the part. Then a finished cut aluminum mold (magnified and shown below left) was cut using a CNC milling machine. The text in this image is 0.060 inches high and was cut with tool-paths generated by I-DEAS. The finished part for Willat is pictured below on the right.



If you want to hear more about the exciting things that Newell Manufacturing is doing with Silicon Graphics workstations, I-DEAS Master Series, Glyph and CNC technology then contact Mike Berry.

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**System Requirements:**  
SGI running IRIX 5.3 or greater  
I-DEAS Master Series 4 or 5

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