

bitmap_trees_70.gsm

These ArchiCAD Library Parts consists of a selection of different trees, that are only thought to be used in the photorealistic rendering in ArchiCAD.

The model, that you can see in the shaded representation, consists of flat „pasteboard disks“, which follow the contour of the tree in a rough way. In the shaded representation you only control the position and the dimensions settings of the trees.

In the photorealistic representation however you see photos of trees, that are mapped as textures on these flat disks. For that you can see through these trees, the photos where saved as TIF files with a transparent alphachannel.

Therefore it is recommended, that in the photorealistic settings of ArchiCAD under “options” to activate the field “consider transparency in shadow calculation”. If this field is not activated, the trees will not be transparent and will not look realistic.

The great advantage of these trees compared to those who come with the library of ArchiCAD is that our trees cast realistic shadows.



As well the trees automatically move their face to the camera, which always let the wide side of the trees to be seen in front.

For that the shadow casting of the trees will not be disadvantageous referred to the sun and only become a small line, which is very unrealistic, you can activate a second tree disk, that is turned 90° to the first one. In this case the first shadow will be turned off, so that there will not be two different shadows.



You eventually must experiment with the sun and the second disk, but you are able to turn the whole tree around 90°.

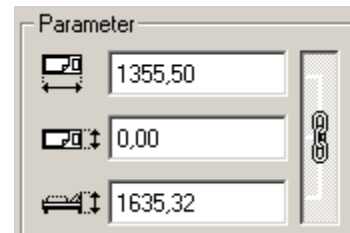
You should be aware of that you do not see in the photorealistic representation that there are 2 crossing tree disks.

With trees that are in the main view relatively perpendicular shined by the sun, you normally do not need to activate the second tree disk.



Parameters:

- you can deactivate the face to camera automatism, if needed
- you can label the trees in plan view, so that you can distinguish
- by default every tree has fixed dimensions, that are shown as unchangeable parameters of length and height. If you want to choose a custom dimension, you first have to activate the field "free dim." in the User Interface. After this you are able to put in custom values; you are even able to stretch and squeeze the tree in a single axis direction.
- Because the object is 2-linguaged you can choose between „English“ and „Deutsch“ in the User Interface.



As the photos were made in Germany, all trees were determined; the names of the trees were translated into English using a tree guide with international naming (Alan Mitchell: Die Wald- und Parkbäume Europas).

System Requirements

Make sure you are using the right version of ArchiCAD. This version of the object only works on ArchiCAD 8.1, ArchiCAD 8.0, ArchiCAD 7.0 and ArchiCAD 6.5.

Requests and feedback

Feedback is greatly encouraged, because the GDL developer wants to know how people use the parts, what they think about them, the errors and limitations they find, and the suggestions for improvements they have. Email us a message at gdl@b-prisma.de with your suggestions; you will get the improved object very soon.

Disclaimer and authorizations

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