

3D eXchanger for Polytrans

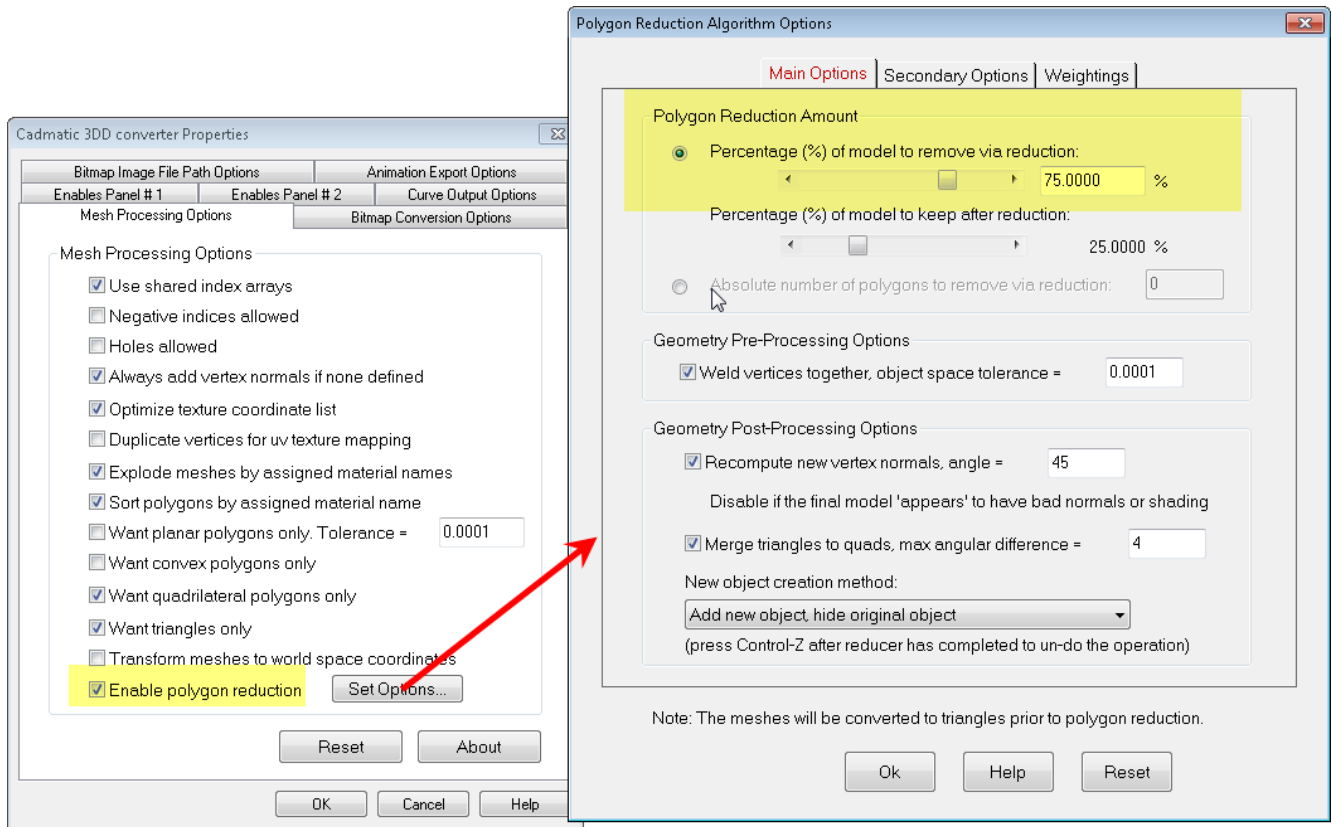
CADMATIC eXchanger for PolyTrans® increases compatibility with mechanical CAD software. It addresses the increasing need to utilize mechanical CAD models of equipment and modules.

3D eXchanger for PolyTrans® of Okino Computer Graphics

CADMATIC has introduced a new eXchanger for PolyTrans® as a result of increasing demand for compatibility with mechanical CAD software and the need to utilize mechanical CAD models of equipment and modules. It supports more than 100 various [Mechanical CAD](#) file formats.

eXchangers for AutoCAD® have traditionally played a key role in cases where models that were originally created in mechanical CAD needed to be imported and reused in CADMATIC. The same goes for exporting CADMATIC native models to the AutoCAD® format. Since AutoCAD imports and exports many mechanical CAD formats, eXchanger for AutoCAD was used as a bridge to CADMATIC. By introducing the CADMATIC eXchanger for PolyTrans we offer users more alternatives in using mechanical CAD models. Users can now also take advantage of Okino conversion modules covering all of the most popular formats designed to handle the largest assemblies. A common concern when importing models from mechanical CAD is the size of the model after importing it into CADMATIC. For the whole CADMATIC project it is paramount to have a complete project e.g. vessel or platform, but details such as bolts and nuts of a particular pump are not required.

By using the PolyTrans interface it is possible to effectively reduce the size of the imported model without compromising the visualization of the model exterior too much by generating a simplified polygon mesh. The CADMATIC eXchanger for PolyTrans also include the possibility to import and export whole models (not only components) and include attributes.



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