

Quick Iso vs. Production Iso

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AutoCAD Plant 3D Users

AutoCAD Plant 3D - Quick Iso vs. Production Iso

Plant 3D supports two types of Isometric drawing: a Quick Iso and a Production Iso. Whereas both types of drawing share the same configuration and layout, they serve different purposes within a Plant project.



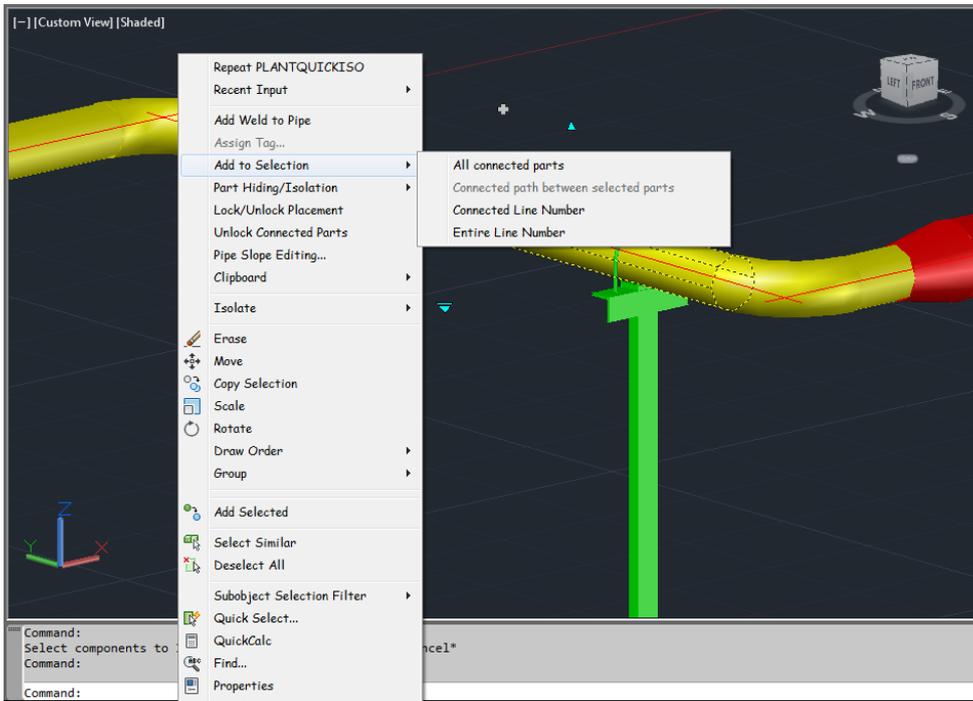
Quick Iso

A Quick Iso is used to address troubleshooting issues. Any drawings produced are not intended to be project deliverables and are not recorded in the project database. They are intended to be used to check a pipe line for errors before the line is issued for production.

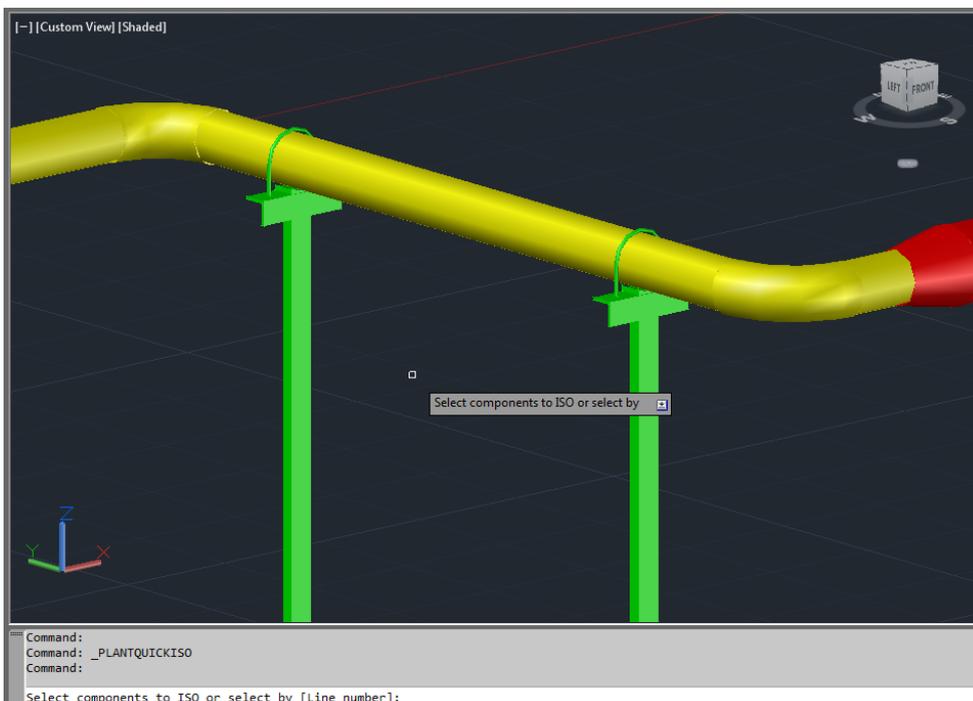
For example, Quick Isos may be used to check for issues in:

- modelling (components not connected or specified correctly)
- tagging (line numbering issues)
- configuration (of drawing layout or symbol settings).

When creating a quick Iso, any selection method may be used to select entire lines of components to include in the Iso, either from one or from multiple lines.

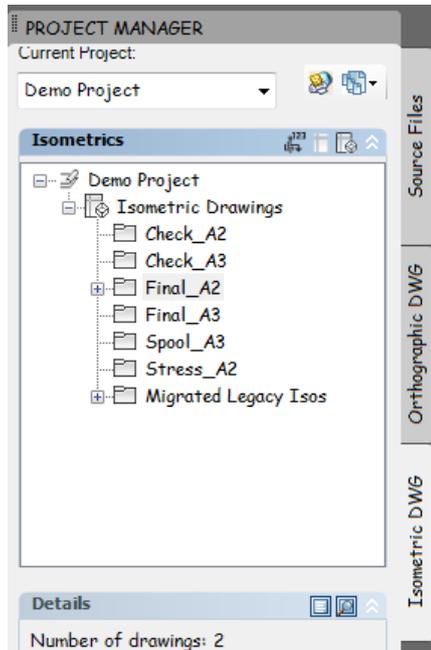


Alternatively, individual components may be selected or a crossing window may be used to select a set of components; a right to left window should be used to ensure that all required components are included in the selection, including all fasteners (welds, bolt sets, gaskets etc.), otherwise breaks will be shown.



Production Iso

A Production Iso, on the other hand, is a project deliverable. Production Isos are the final fabrication drawings that are issued for production and as such are recorded in the project database. They are also displayed on their own Isometric DWG tab in the Project Manager window.



Unlike a Quick Iso, a Production Iso may be produced for a complete process line only, by specifying its line number. However, multiple Production Isos may be generated at the same time, by selecting multiple lines.

