



CAD-MECH

Autodesk®
Authorized ISV Partner

CAD-Mech is an industry standard, Autodesk® add-on that brings intelligent, 3-dimensional Mechanical Pipework Fittings into the Design/ Build Environment, programmed with True ARX Technology for AutoCAD and AutoCAD MEP 2007, 2008, 2009 (both 32-bit and 64-bit).

CAD-Mech is a detailer's tool that integrates directly with AutoCAD®, AutoCAD MEP® and CAD-MEP.

Through the *Design-Line* Tool, **CAD-Mech** can convert AutoCAD MEP *.DWG files to **CAD-Mech** Pipework Services meeting company standards which eliminates redrawing of Consulting Engineer's AutoCAD MEP files or in-house Design/ Build drawings. Change from 150# Threaded Carbon Steel to Wrot Copper x Victaulic in seconds. **EST-Mech** Estimating module can price both options directly in the drawing file. Or change pipe sizes or insulation thickness on the fly and re-price.

CAD-Mech offers seamless integration with **CAD-Duct**, our HVAC Detailing software, making use of the same network-able database.

CAD-Mech generates detailed reports for shipping, purchasing, and fabrication. With the Auto-spooling feature, Detailers can create fabrication drawings with automatic Bill of Material generation for each ISO drawing.

Being Autodesk® based, architectural drawings made using AutoCAD or AutoCAD MEP, can be directly opened and then 'overlaid' with **CAD-Mech**. All 3D, 'collisions' and 'conflicts' can automatically be identified.

CAD-Mech Features include:

- AutoCAD, AutoCAD MEP and NavisWorks compatible.
- Auto-route sloped pipe and rolling offsets.
- Collision checking including Electrical, Steel and **CAD-Duct** items.
- Advanced 'Annotate' capabilities to easily document items, size and elevation etc.
- Powerful report generator produces BOM, purchase orders, shipping list, and cutting lists.

Tel: +971 (0) 4-430-6029
Fax: +971 (0) 50 450-1663
www.TSI-Gulf.com
sales@TSI-Gulf.com