



# CAD-DUCT

**Autodesk®**  
Authorized ISV Partner

**CAD-Duct** is an industry standard, Autodesk® add-on that brings intelligent, 3-dimensional HVAC 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-Duct** offers seamless integration with our manufacturing software, **CAM-Duct**, and makes use of the same seam, connector and specification databases and fitting libraries to ensure smooth and easy manufacture of drawings.

Unlike some other competitive CAD packages on the market, **CAD-Duct** generates drawing files that can be directly opened within **CAM-Duct** manufacturing (nesting) modules rather than being 'converted'.

Being Autodesk® based, architectural drawings made with Autodesk® products can be directly loaded and then 'overlaid' with the HVAC fittings as required. Being 3-dimensional, 'collisions' and 'conflicts' can easily be flagged and identified.

**CAD-Duct** features include:

- AutoCAD / AutoCAD MEP and NavisWorks compatible
- Total integration with **CAD-Mech** (Pipework & Plumbing/ Hydraulics), **CAM-Duct** & **EST-Duct/ EST-Mech** (Estimating) via common a Database with shared Shop Standards and Fitting Libraries.
- Intuitive real world 'auto-routing' to speed the design between two known points.
- Extensive libraries for Rectangular, Round, Oval Duct, 'Bought-Out' items (fire dampers, diffusers, etc) and Structural Items.
- Collision checking as you draw.
- Internal liner and external wrap insulation.
- Advanced dynamic annotate of sizes, elevations, part numbers and transition offsets controlled in paper and model space independently.
- Quick and simple sectioning for adding detailed information in both 2-D and 3-D.
- Powerful report generator for purchasing.