

PDMS: Air and Flue Gas Ducts

Special ducting application for design of air and flue gas ducts for e.g. power plants designed using AVEVA PDMS (www.aveva.com).

This gives an exact design as well as correct weight calculations. Furthermore, draft applications will enable automated draft generation of detailed drawings.

DESIGN

The design part of the macro consist of the following items:

- Straights
- Reducers
- Elbo (with guide vanes)
- Elbo (with sharp corner on outside diameter and guide vanes)
- Hatches (made as panel fittings (steel beams has to be adjusted manually))
- Temperature measurements (panel fittings)
- Drains (panel fittings)
- Pressure measurements (panel fittings)
- Lugs for support (as steel fittings)

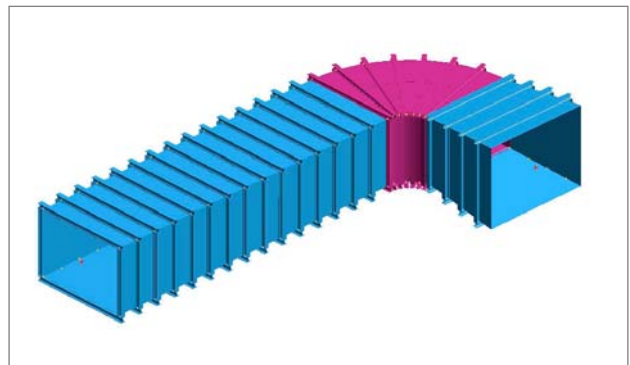
Ducting made of panels and sections so all duct weights are correct. Modifications are quite easily done.

DRAFT

There is automatically made a drawing of each duct section (on FRMW level) with three side views and one isometric view. All main measurements is applied. These drawings is as basic drawing level - further detailing as done either in PDMS Drafting or by ducting manufacturer.

Standard Drawings

We can also supply with a number of standard drawings for ducting with manufacturing details for guide vanes, hatches etc.



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