

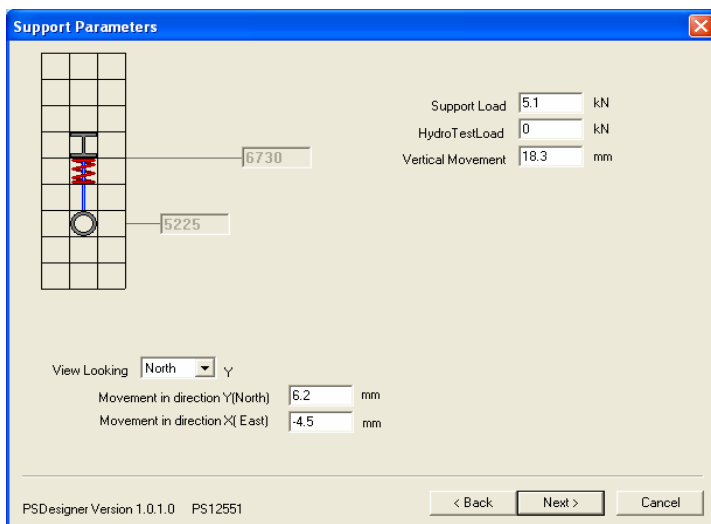
PSDesigner Interface with Aveva Software

A link between PSDesigner and Vantage PDMS (Plant Design Management System) is now available. PSDesigner is Pipe Supports Group's software for rapidly creating pipe support assembly drawings; this can now interface with Aveva's MDS program. MDS (Multi-Discipline Supports) is a member of the Vantage Plant Design (VPD) family and fully integrates with Vantage PDMS.



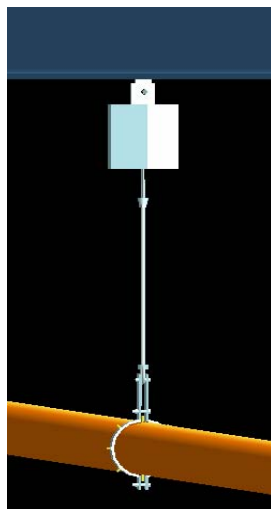
MDS Toolbar

By using PSDesigner, complete support assemblies can be designed and created within the PDMS model. The location for the support is chosen and details of the pipe and support steelwork are automatically passed to PSDesigner.



PSDesigner Support Parameters Page

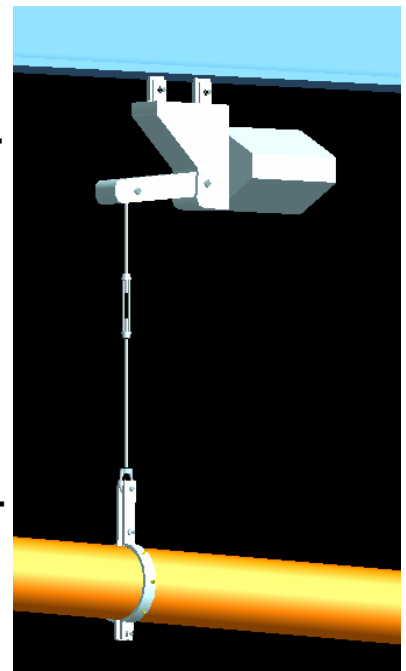
The desired support configuration is chosen and support loads and movements from the pipework analysis are entered. PSDesigner selects appropriate components, but also allows the user to choose alternative sizes or types of spring etc. where applicable. The complete support assembly is then created in the PDMS model.



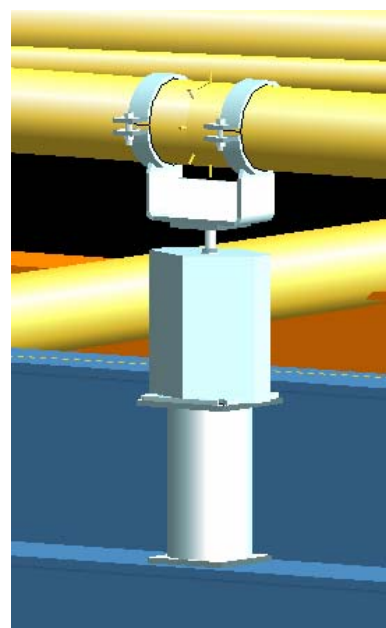
Spring Hanger

All commonly used support types including constant and variable effort spring supports, rigid hangers, double rod hangers, rigid struts and hydraulic snubbers can be created.

PSDesigner can be used in both "create" and "modify" modes. When modifying a previously created support assembly, the previously selected support configuration is shown as the default.



Constant Hanger



Base mounted variable support with pipe clamp

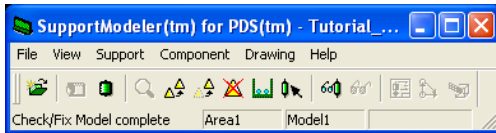
Support assemblies can be created very rapidly in the PDMS model using the MDS / PSDesigner interface. Selection of correctly sized components is assured. The process is considerably quicker than selecting and placing individual support components. A significant reduction in hours expended and improved accuracy should be achieved.

Orthographic drawings of the support assemblies and bills of material can be produced using Multi-Discipline Supports (MDS).

Requirements: Vantage PDMS/MDS Version 11.6.sp4 (available from Aveva) and PSDesigner.exe latest release which is available free of charge from Pipe Supports Group.

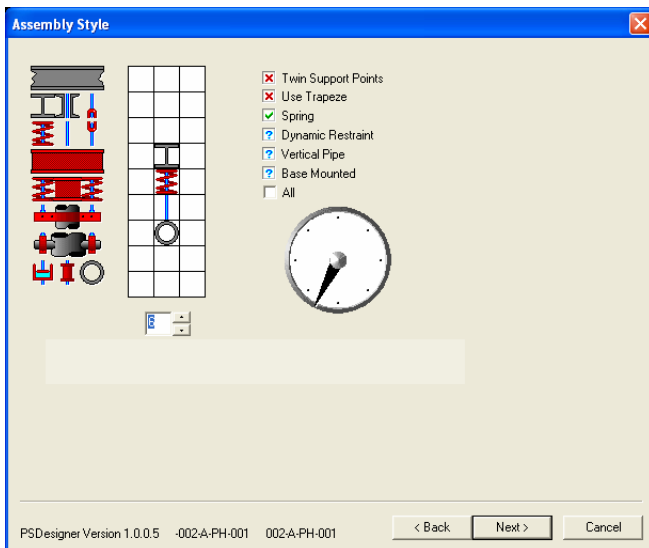
PSDesigner Interface with Intergraph Software

PSDesigner is Pipe Supports Group's software for rapidly creating pipe support assembly drawings. It can be linked to Intergraph's PDS program to place pipe support assemblies in a PDS model. Intergraph's SupportModeler program is used to link PDS with PSDesigner.



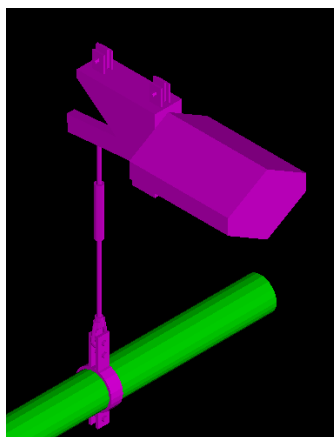
SupportModeler Toolbar

By using PSDesigner / SupportModeler, complete support assemblies can be designed and created within the PDS model. The location for the support is chosen and details of the pipe and support steelwork are automatically passed to PSDesigner.



PSDesigner Assembly Style Page

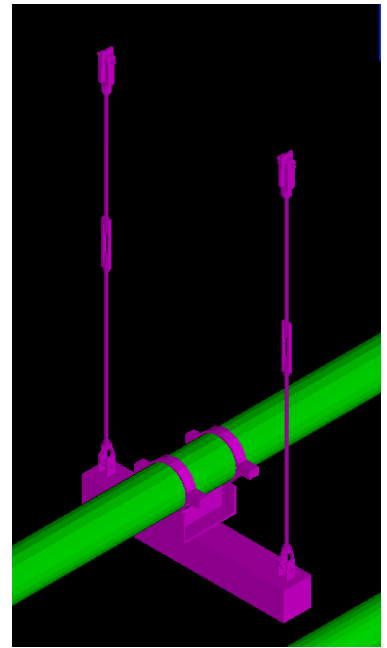
The desired support configuration is chosen and support loads and movements from the pipe-work analysis are entered. PSDesigner selects appropriate components, but also allows the user to choose alternative sizes or types of spring etc. where applicable. The complete support assembly is then created in the PDS model.



Constant Hanger

All commonly used support types including constant and variable effort spring supports, rigid hangers, double rod hangers, rigid struts and hydraulic snubbers can be created.

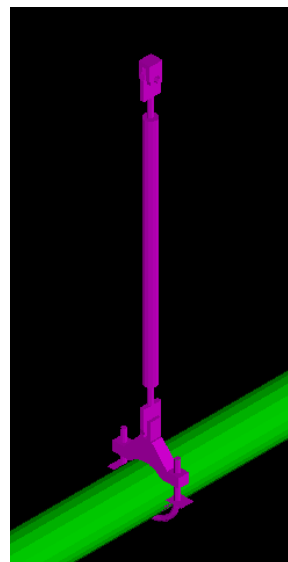
Support assemblies can be created very rapidly in the PDS model using the SupportModeler / PSDesigner interface. Selection of correctly sized components is assured.



Rigid Double-Rod Hanger

The process is considerably quicker than selecting and placing individual support components. A significant reduction in hours expended and improved accuracy should be achieved.

Orthographic drawings of the support assemblies and bills of material can be produced using SupportModeler.



Support Assembly using Rigid Strut

Requirements: PDS and "SupportModeler for PDS" Version 7.2.3.25 or later which are both available from Intergraph and PSDesigner.exe and associated files which are available from Pipe Supports Group.

SmartPlant 3D - Coming Soon !

Pipe Supports Group's product library is now also available in Intergraph's latest 3D modeling software, SmartPlant 3D. An interface between PSDesigner and SmartPlant 3D is currently being developed.