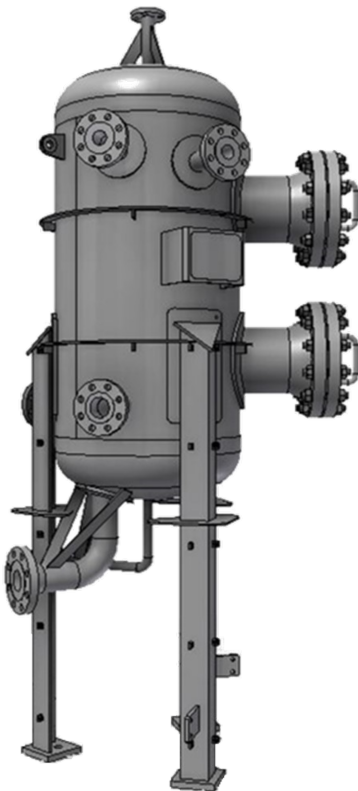




TEHNOSOFT

Design Automation

- Full 3D production geometry model
- To-scale elevation and fabrication drawings
- Bill of Material reports
- Easy to use feature-based design



3DPV® by TEHNOSOFT



Pressure Vessels and Storage Tanks in less than ONE hour - from basic concept to fabrication

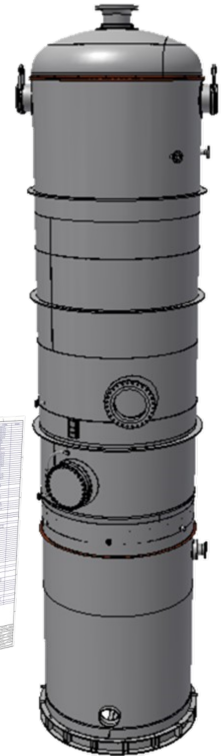
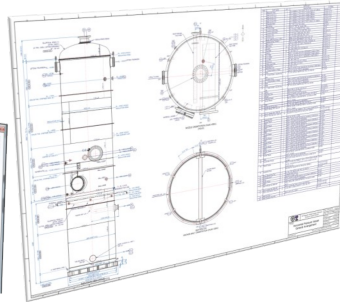
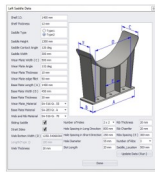
Vessel design was never so FUN!

3D PV® enables the rapid configuration and detailing of pressure vessels, heat exchangers, columns, finger type slug catchers and storage tanks automating the generation of 3D geometry models, elevation and layout drawings, fabrication and assembly drawings, production component lists and bill of material.

Easy to use Graphical User Interface

Through the easy-to-use graphical interface, a complete design can be configured and detailed in less than one hour including the *automatic generation of 3D geometry with production details, to-scale drawings and bill of material reports*. The configuration and layout of the vessel components is facilitated through intuitive user interface created specifically for vessel design. A user can quickly select the appropriate types and dimensions for the *heads, shells, support system, nozzles, and other internal as well as external features*. Fabrication details for shell *courses, plate sizes, edge preparations, weld types*, and other production details are quickly and easily added to the model. Utilities are provided to inspect the details on the *3D geometry*, edit the *drawings*, export the *bill of material*, and many other functionalities to facilitate rapid updates of design changes.

3DPV® integrates with your existing engineering and business software. Export of drawing to AutoCAD® and other CAD systems, and bill of material to business applications.



Wide Range of Tank Designs

3DPV® supports a wide range of tank designs and configurations from *horizontal with saddles* to *vertical with legs, skirts, or support rings*. Columns with multi sectional shells with different diameters and transitional sections are also supported. *Half pipe jackets* on heads and shells are supported.

Internal components such as tray rings, baffles, and vortex breakers, as well as external components including lugs, clips, and vacuum rings can be integrated. *Manways* and *nozzles* with various configurations and attachments are supported. The design of the *ladders* and *platforms* as well as their attachment is also provided.

Rapid Response to Design Changes

Within seconds design changes can be made to modify, add, or delete features. The 3D geometry, drawings, bill of material, and cost reports are automatically updated.

Benefits and Impacts

Easy to use graphical interface. *Mastered in less than a day of usage.*

Intuitive Design Environment. From basic concept to 3D geometry, to-scale drawings, and bill of material *in less than one hour. Increase in time efficiency over 60%.*

TEHNOSOFT LTD

3DPV® is developed and distributed by Tehnosoft Ltd Croatia.

For more information, please contact us at +385(0)98 9080321 or via email at tehnosoft@tehnosoft.hr. You can also visit our web site www.tehnosoft.hr and www.3dpv.net.

Subscribe and watch: <https://www.youtube.com/channel/UC1oqSXYNXvpT4TSR399ou5A>

