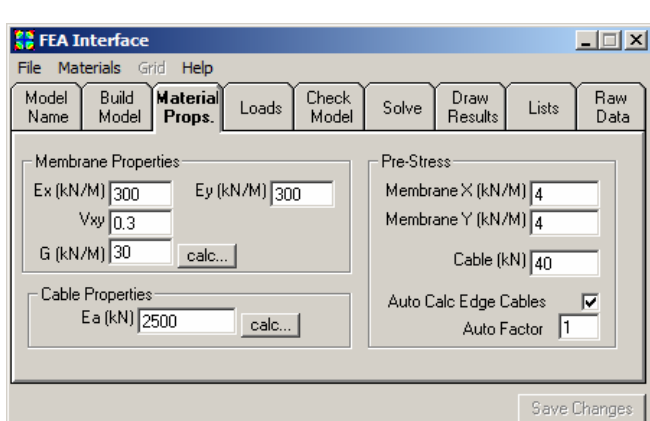


MPanel FEA - Now Available to MPanel Customers

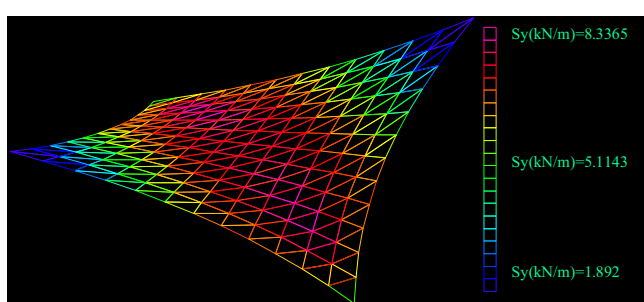
MPanel FEA, the new finite element analysis program from Meliar Design, is now available for release to current MPanel customers.



MPanel FEA connects a powerful finite element analysis engine with an easy to understand user interface, to give you a robust solution to non linear FEA.

Although MPanel FEA will make the analysis of a tensile structure an easy process, you must always remember that the fabric properties, pre stress conditions and loads that you enter into the program determine the results that are returned. Therefore, a good understanding of tensile structure stressing is required to obtain sensible results.

The MPanel FEA interface reads a standard MPanel model and builds an FE model ready for analysis. Then the solver is run, to determine the model displacements for the load conditions, such as wind effects and snow cover.



MPanel FEA is offered as an optional supplemental product to our MPanel software.

In acknowledgement of the continued support of MPanel users with current Technical Support contracts, we are offering a special introductory price for a limited time. Users should [contact us](#) to receive a 30 day fully functional demo of MPanel FEA.

'MPanel Design' – A new option for 3D tensile fabric structure designers

Meliar Design, the makers of MPanel software, is pleased to announce the release of **MPanel Design**, a set of 3D tools for designing and manipulating tensile fabric structures, where 2D patterning and panel creation are not required.

Strong 3D Design Tools

Using **MPanel Design**, a user has the same ability to fully design and modify three-dimensional tensile fabric forms and structures as our flagship product, MPanel, including:

- Model Builder – A template wizard for many commonly built shapes.
- Model Relaxation - Fixed edge, Cabled-edge and Joined Edge meshes with settings for Weft/Warp tension ratios that will alter the model shape.
- Cable Tensions and Links – Options to control cabled-edges and link points (guy lines) including cable stress estimation.

Utilizing these features the user can experiment with different tensions ratios, edge types and fixed connection points to achieve the optimal desired shape. Once the final design is created the model can even be shaded and rendered in AutoCAD, or exported to an animation program for photo-realistic results. Paneling and production tools are not included.

Compatibility with other products

Feel comfortable with the fact that **MPanel Design** models are totally compatible with the full version of MPanel software as well as the new MPanel FEA (Finite Element Analysis) program. Additionally, because the drawings are a 100% AutoCAD file, they can be shared with any other program that uses the .DWG or .DXF format. And should your business expand to include manufacturing, you can seamlessly upgrade to a fully functional MPanel product.

Great pricing

For design applications where 2D patterning is not a requirement, **MPanel Design** makes perfect sense. Priced at 50% of full MPanel software, **MPanel Design** offers you only the tools you need at substantial cost savings over the full product, yet still includes your first year of technical support and maintenance updates.

Want to see for yourself?

A 30-day evaluation of **MPanel Design** is available upon request. Please call or email us at support@mpanel.com to request an evaluation copy. Our entire team is anxious to help you see how this new offering can be beneficial to your organization.

IFAI
EXPO '08
TRADE SHOW & SYMPOSIUMS
October 21-23, 2008 | Charlotte NC USA

Please join us at the IFAI Expo 2008 which will be held in Charlotte, North Carolina from Oct. 21-23. MPanel Software personnel will be available to answer all your questions in booth **12125**.



As in previous years, we will be showcasing all of our MPanel products including our complete design and production software, MPanel.

MPanel Design, as outlined above, will be available for your review and our newly released finite element analysis software, MPanel FEA, will also be on show.

So come by just to say hello, hear about new MPanel features, or even to let us know about a new feature that you would like to see implemented in one of our products.

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