



Komatsu Forest Increases Production Quality with 3DVIA Composer

With a passion for technology and a product development approach that merges productivity, ergonomics and environmental strong points into cutting-edge advantages, Komatsu Forest sought a way to improve product assembly and avoid recalls.

Sweden's Komatsu Forest manufactures machinery under the mechanical forestry brand Valmet. In the Umeå Komatsu factory, production staff used to work with two-dimensional images as the basis for the assembly work. The production work is complex and the company experienced challenges in achieving a consistent level of high quality assembly work. The introduction of 3DVIA Composer has allowed Komatsu Forest to create comprehensive, interactive 3D work instructions on the shop floor. This superior communication is helping to reduce errors significantly.

3DVIA Composer is empowering users to revolutionize their businesses by leveraging the universal language of 3D in their everyday work.

Komatsu Forest uses the interactive 3D documentation capabilities of 3DVIA Composer across their entire production process, including assembly instructions, equipment maintenance, and spare parts documentation.

"It can be quite complicated to set up our machines. With moving images instead of the previous sketches on paper, the production process becomes much easier and leading to much better results", said Maria Larsson, CAD manager at Komatsu Forest.

Komatsu Forest, striving to increase productivity while lowering energy consumption and limiting mechanical damage to the forest, already uses Dassault Systèmes virtual product design solution CATIA. It was easy to re-use CATIA information directly in 3DVIA. "We saw the direct benefits we could achieve with the solution. 3DVIA Composer is fully integrated with CATIA. Prototype work, where you still make several changes during their development, is much easier. Everyone who is involved has always access to the latest information," said Maria Larsson.

In the long term, Komatsu Forest sees the possibilities of using interactive 3D information within marketing materials, and also for the training of dealers and users. The next step is to integrate Komatsu Forest's design and product data into ENOVIA SmarTeam.

"The improvements in productivity and overall results experienced by Komatsu Forest are



Interactive 3D Documentation in use at Komatsu Design department

happening with other companies across the globe," comments Garth Coleman, Director Product Marketing, 3DVIA, Dassault Systèmes. "3DVIA Composer is empowering users – outside of engineering – to revolutionize their businesses by leveraging the universal language of 3D in their everyday work" •]

For more information:

www.komatsuforest.com
www.3dviacomposer.com
www.3dmojo.com

More about 3DVIA Composer

Change forever the way you create, update and distribute rich product documentation! 3DVIA Composer quickly and easily automates creation of assembly and disassembly procedures, technical illustration, interactive 3D animations, training materials, marketing materials, sales tools and more. Based on a lightweight, open XML-based architecture, 3DVIA Composer allows non technical users to create associative 2D and 3D product deliverables directly from CAD data. 3DVIA Composer supports users in sales, marketing, customer service, training, support and manufacturing.