



PRESS RELEASE

Technological Development of the Danzer Vertical Slicer VS4000

Proprietary Danzer Vertical Slicer continues into next generation

Dornbirn, Austria. The internationally operating hardwood specialist Danzer kicks off the next generation of its proprietary vertical slicer Danzer VS4000. After being in use at Danzer veneer plants all over the world for over 15 years, the proven veneer slicer will undergo an extensive upgrade. Controls and user interfaces will be updated. The Danzer VS4000 is responsible for the economical and resource-saving production in the veneer plants.

The Danzer Vertical Slicer, short VS4000, has been developed by Danzer more than 15 years ago. The proprietary veneer slicer is being used in all Danzer veneer plants worldwide for slicing both veneer in standard thicknesses of 0.5 mm as well as deck layers of 3.5 mm thickness. Slicing deck layers for flooring instead of the conventional sawing is a resource-efficient and economical way of production. The loss of valuable wood during the slicing process is substantially lower than with the sawing method, which results in an average 30 to 40 percent loss of material in form of sawdust.

Slicing veneer and deck layers with above-average thickness

“With the Danzer VS4000 it is possible to slice not only in the standard production range of approximately 0.5 mm thick veneer but also significantly thicker veneer. This is what differentiates the Danzer VS4000 from other manufacturers’ machines,” explains Andreas Wagner, Danzer’s Vice President Engineering, who is in charge to develop the next generation of the machine. “One of the reasons for our success is the high precision in slicing all veneer thicknesses and specifically flooring deck layers. Being in use on a daily basis for more than 15 years, the excellent quality of our machine has been proven. Therefore, the focus of the further development lies mainly on details and optimizations on a very high level. We are upgrading the controls and user interfaces to achieve even higher efficiency, easier maintenance and improved error diagnostics.”

Development and project schedule

Andreas Wagner, Danzer Vice President Engineering, will be working with two engineers from Danzer locations in Europe and North America on the next generation, which is

planned to take place within the following months at the Danzer location in Melnik, Czech Republic. Extensive preliminary examinations are currently being carried out in order to further improve the slicing quality by optimizing both knife and pressure bar. Involved in the development process are all Danzer veneer plant managers. “The respective plant managers collect the experiences, problems and suggestions for solutions of the past few years, in order to gradually work on the optimization of the existing machines. The goal is to upgrade the Danzer VS4000 machines in all veneer plants step by step”, concludes Andreas Wagner.

Facts Danzer:

One of the world's largest producers of decorative hardwood

Founded in 1932

Holding company: Dornbirn, Austria

Production facilities: Europe 4, North America 5

Sales offices: Europe 7, North America 8, Asia 3

Product range: veneer, lumber, timber and logs, specialties (Vinterio, 3D-Veneer)

Sales 2016: 190 million Euros

Distributed to 87 countries worldwide

Employees: 1,600 worldwide

About Danzer

Danzer is a leading quality hardwood company with production facilities in North America and Europe. The company has approximately 1,600 employees and services customers from 18 sales offices worldwide. Founded in 1932, the company is managed by a family member of the third generation. Danzer owns and manages forests in North America sustainably and produces sliced veneer, lumber and innovative value-added wood timber products for decorative purposes. Danzer products are being used in high-quality furniture, automobiles, interior architecture and other applications.

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