

## TREPCAD 4 -

# New Release of award-winning Staircase Construction Software

Kleve, Germany, Dec 2006 – The staircase construction software TREPCAD, awarded with Germany's Federal Price for Innovation, has been released in a new version 4 during the user meetings in Kleve and Würzburg in October. Numerous extensions and innovations make planning, presenting, and production of individual staircases yet easier and more efficient. The main advantage of this software solution, developed by TREPCAD GmbH in Kleve, Germany, is its simplicity of construction: a pre-defined template staircase will be adjusted by modifying the parameters to match it to local conditions. Production plans are not drawn but automatically generated. This saves time and money! Since the programme is extremely user-friendly, neither training nor CAD know-how is required.

## Countless Innovations

The new release of TREPCAD 4 has been completely revised. Although not visible at first sight, TREPCAD has totally been reprogrammed and is now even more powerful, simpler to use and flexible to grow with future extensions. New floor plan models with angled top and bottom steps offer a new freedom of staircase design and increase creativity of craftsmen and planers. Straight flight staircases with corner angles of less or more than 90° may be constructed, as well as staircases with different flight widths. Even landing stairs with fixed landing height or stairs with different slopes can easily be created. The powerful automatic balancing as well as a manual post-edit function – like the interactive turning of single steps – provide simple solutions to demanding construction jobs. Further improvements are editable profile and norm step lists as well as an extended print output and various other output options. In the new version the already existent DXF export has been completed with direct interfaces to MegaCAD, Tenado, ProSteel 3D, Komet and AutoCAD. Thus, exchanging data and cost-effective CNC production of steps and strings has been remarkably simplified.

## Consistent use of staircase data

The available range of staircase forms, construction types and material combinations are manifold. It covers straight, quarter-turn, or half-turn stairs with balance steps, and even dogleg stairs, stairs with landing or spiral stairs. Beam as well as string stairs can be put into practice. The correct technical execution of connections, corners, and many other details let the user feel the huge amount of practical know-how and years of experience that have been incorporated into this software release. Once entered, TREPCAD will use staircase parameters very efficiently. The programme will create construction plans, parts lists, as well as precise beam-, string, and step plans. These can be printed as a complete construction plan with dimensions, or plotted in 1:1 scale, or exported to DXF formatted file. The latter may then be directly e-mailed to a CNC production facility. In addition, TREPCAD creates a three-dimensional model out of the data; this may be turned interactively and visually checked from all sides. The realistic presentation, that also displays material textures correctly, is a helpful tool in customer discussions and speeds up the decision making process.

## Low System Requirements

Even in its latest version the software's system requirements remain moderate. A simple Windows-compatible personal computer (Windows 98, ME, NT, 2000, XP, Vista) with printer is sufficient. Consequently TREPCAD 4 is suitable for any craftsman's company without additional hardware investments. Even the licence fees help saving money: TREPCAD 4 is available for only EUR 980.- ! This even includes the direct support from the manufacturer via hotline and all CD-updates for version 4.x. Existing TREPCAD users can purchase the upgrade to TREPCAD 4 for only EUR 390.-!

TREPCAD GmbH is based in the city of Kleve in the state of Northrhine-Westfalia, Germany and is one of the market leaders in the field of staircase design software for metal workshops. Being a mechanical engineer Dipl.-Ing. Mr. Norbert Schulze-Kahleyß, managing -director of TREPCAD GmbH, very well knows about the requirements of the target group. A practice-oriented development, top-level customer support by qualified employees, transparency and a close relationship to the users are the main components of the company's philosophy

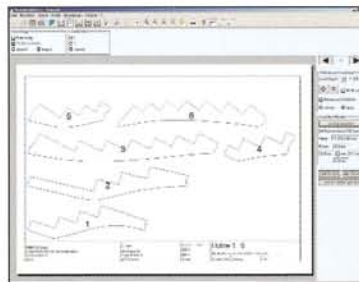
## The Software

TREPCAD has been specially developed for the rapid planning, the presentation, and the production of steel, steel/wood, and steel/stone staircases. Within a very short period of time, the award winning software – TREPCAD won Germany's price for Innovation 2006 - has become a standard in the industry. In the meantime, around 1,100 companies, among them suppliers such as laser cutting and steps manufacturers, as well as 50 German vocational schools and other job education facilities use TREPCAD. With numerous new developments, improvements, and extensions, TREPCAD 4 is setting new benchmarks in the industry.

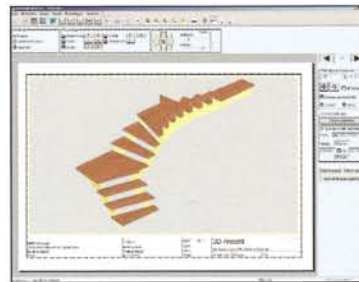
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The new version 4 of staircase construction software TREPCAD offers numerous improvements and new functionality.



All drawings are automatically created and can be printed in any scale with or without dimensions.



Visual check for the planer and a help to decide for the customer: the 3D display

