



May 14, 2020 16:28 UTC

FRILO updates structural analysis software

Release 2020-2 with new Eurocodes for Austria and program extensions

Stuttgart, May 14, 2020 – As of today, structural engineers have been able to download the latest version of the FRILO structural analysis software. In addition to the new Eurocodes for Austria, the provider of innovative solutions for statics and structural design has also implemented a new program for the calculation of roofs in its current Release 2020-2. In addition, other programs have been expanded to include useful functions and partner products.

Current Eurocodes for Austria

FRILO Software GmbH continuously adapts its structural solutions to the currently applicable standards. For the dimensioning and construction of steel structures, the new Eurocode ÖNORM B 1993-1-1: 2017-11 was implemented in the current release. In addition, all foundation programs now include the new Eurocode ÖNORM B 1997-1-2: 2019.

PLUS programs expanded with remark editor

With the new Release 2020-2 all FRILO solutions of the PLUS program generation have implemented a remark editor now. This enables the insertion of images and tables in the output as well as convenient formatting of the comments.

New programs Roof+ and HNV+

For an easier use, FRILO has combined its solutions Continuous Rafter D9, Purlin and Rafter Roof D11 as well as Collar Beam Roof D12 in one program. “Roof+ replaces the previous roof solutions based on the new FRILO plus surface. Structural engineers can select the individual roof variants using an assistant,” explains Peter Fritz, Head of Product Management at FRILO. The solution Mechanically Jointed Beams HNV+ is also completely new in the product portfolio. The program measures beams with composite cross sections and arbitrary loads.

Extended functions for Framework RSX and Building Model GEO

In the new 2020-2 version, the Framework RSX program was supplemented with the material reinforced concrete. In addition, the entry of area loads is now possible via an additional option.

In the Building Model GEO, the link to the component position is retained when it is transferred to the component calculation programs now. When the calculation program for the respective component is started again, the linked position is suggested to the user. In the basic building programs and Bunching B6+, only certain data from the data transfer can be transferred from GEO. As a new program, the Bedded Beam BEB+ was also connected to the Building Model.

Punching Shear Analysis B6+ and Reinforced Concrete Column B5+ expanded with partner materials

In addition to other punching shear reinforcements, structural engineers in Germany can now also choose Lattice Girders FDB from Filigran Tragerersysteme GmbH & Co. KG in the Punching Shear Analysis B6+ program. For Great Britain, the anchor strips of RFA-Tech Ltd. have been implemented. In the Reinforced Concrete Column B5+ program, the design for the high-strength reinforcing steel SAS 670 from Stahlwerk Annahutte Max Aicher GmbH & Co. KG can now be carried out according to the general method. The product database for approval masonry was expanded to include the product range from Kellerer ZMK brick systems from Ziegelsysteme Michael Kellerer GmbH & Co. KG.

About FRILO

With more than 40 years of experience and about 100 static software solutions FRILO is one of the leading providers of innovative calculation programs for structural analysis and structural design.

FRILO software solutions are characterized by their ease of use, fast results and continuous adaptation to current standards. In doing so, FRILO follows the practical requirements of the engineer's everyday life and, in addition, provides highly qualified customer service.

In 1999, FRILO joined the Nemetschek Group as an independent brand.

About the Nemetschek Group

The Nemetschek Group is a pioneer for digital transformation in the AEC industry. As the sole corporate group worldwide, Nemetschek covers the entire life cycle of building and infrastructure projects with its software solutions and guides its customers into the future of digitalization. With intelligent and innovative software solutions, the Nemetschek Group increases quality in the building process and improves the digital workflow of all those involved in the building process. This revolves around the use of

open standards (Open BIM). The innovative solutions of the 16 brands in the four customer-oriented divisions are used by around six million users worldwide. Founded by Prof. Georg Nemetschek in 1963, the Nemetschek Group today employs more than 2,900 experts.

Publicly listed since 1999 and quoted on the MDAX and TecDAX, the company achieved a revenue amounting to EUR 556.9 million and an EBITDA of EUR 165.7 million in 2019.

Contacts



Tim Kullmann

Marketing & PR

Frilo

tim.kullmann@frilo.eu

+49 711 81002-0