

NEW

REGINA CONVEYOR CALCULATION SOFTWARE

ABSTRACT

The new version of Regina calculation software for the applicative evaluation of our Conveyor division steel and plastic chains and modular belts is released as of today.

The software is accessible on-line at the following link:

https://app.reginachain.net/Conveyor_Calculation/

Registration is required to access the software. After registration, each user will receive a nominative password by email.

The purposes of Regina calculation software are the following:

- Validate Regina Conveyor products application, according to the specifications inputted into the software by the user;
- Provide the user of the software with data helpful to size the structure of the conveyor.

REGINA CONVEYOR CALCULATION SOFTWARE FEATURES AND BENEFITS

A VALUABLE SUPPORT

- The software is built on the basis of Regina 35-years-long experience on chains, belts and treated accessories application;
- The software displays an constantly up-to-date database of Regina Conveyor products available, including chains, belts and sprockets;
- “Chain selection wizard” tool is available for users not familiar with Regina Conveyor product range. The tool automatically proposes a shortlist of possible Regina chains and belts suitable for the conveyor application inputted by the user;
- Once chains and belts are selected, the “chain information” section provides a description of their main geometrical features.

WORKING IN THE SAME WAY AS OUR CUSTOMERS

The input data concerning the application are the same considered by our customers in realizing the conveyors:


- Product weight/load;
- Required chain speed;
- Type of conveyor lubrication;
- Wear strip materials;
- Drive configuration;
- Number of tracks;
- Accumulation conditions;
- Conveyor dimensional layout

NOTE: the software issues alerts in case incompatible parameters are inputted by the user.

A COMPLETE OUTPUT

- The software provides a complete set of output immediately usable by the user:
 - Required chain pull;
 - PV limitations;
 - Motor speed;
 - Drive torque;
 - Power absorption;
 - Minimum drive and idler shaft dimensions.
- Evaluation of whether the selected type of chain is suitable for the application;
- A .pdf report can be generated by the user at the end of the process by selecting “report” in the calculation results page.

EASY TO USE

- Guided step-by-step process;
- Software user manual accessible at all times while using the software, by clicking on the “help” icon  displayed on each page;
- The “help” icon also provides supports in selecting the parameters to be inputted.

A FLEXIBLE AND REITERATIVE PROCESS

- Possibility to save the project and return to it later, by using the “save” function at the end of the process; the project will be saved in the “Personal Project List” in the personal home page;
- Possibility to share the project with other registered users.

Please do not hesitate to contact Regina application engineering team with any question or support request.

Best regards,

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