

Meiller CAD with new user interface now entirely in 3D

For many years, Meiller Aufzugtüren GmbH has been striving to implement technically complex requirements in customer-specified solutions.

To enable it to target the required, complex product knowledge, quickly, simply and in a way that is easy to understand, the existing parameterised 'Meiller CAD 2D' lift door catalogues, and 'Meiller CAD 3D' 3D product configurator have now been merged into a joint 'Meiller CAD 4.2' program, complete with a new user interface and expanded content.

New 3D content

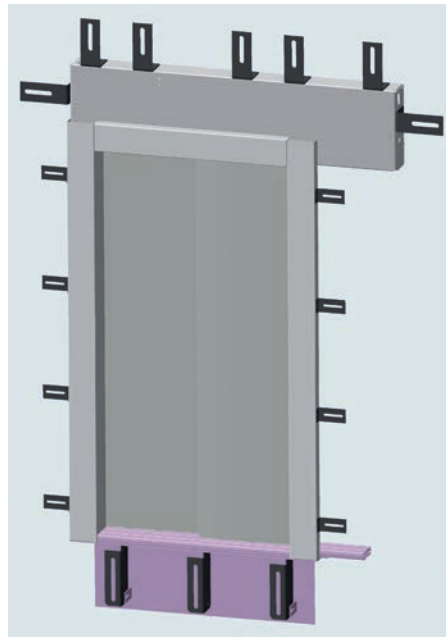
From now on, all of the sliding door options previously only available in the 2D version of the program (TTS/K 31 and 32, three and six panel, hidden track, glass door panels, vision panels, EN 81-58 versions, and HD) will now also be available to users as 3D models, for both viewing and downloading.

New products

In addition to the new TM1 skate systems, the new program also includes the Gravida® sills, and VSG-V20 top and bottom framed glass panels, the System F doors (for conveyor use) and the newly designed car doors.

There are meanwhile 18 different door models to choose from, and up to three installation scenarios can be accommodated for each of the nine landing door types: shaft wall installation, niche installation, or modernisation. The door constructions pursuant to the standards DIN 18091 and EN 81-58 and the pendulum spectra in accordance with EN 81-20/50 for the respective sheet metal and glass door panels are fully integrated.

Customer modifiable parameters, such as CDH (clear door height) and CDW (clear door width) and can be set either



using the pull-down menu (in 100 mm steps) or freely entered by hand. Door frame dimensions, such as FW (frame width), FD (frame depth), and FH (frame height) can be freely entered within a defined range; users are however always first referred to the most favourable standard dimensions. Various types of electrical protection can be configured, as can numerous door panel constructions. A control panel section can be optionally displayed in

both side frame panels. There are a number of sill types available that can be used in conjunction with two different sill mounting types. Depending on the door model and size, up to five car door drive types are displayed.

The following additional information is also provided:

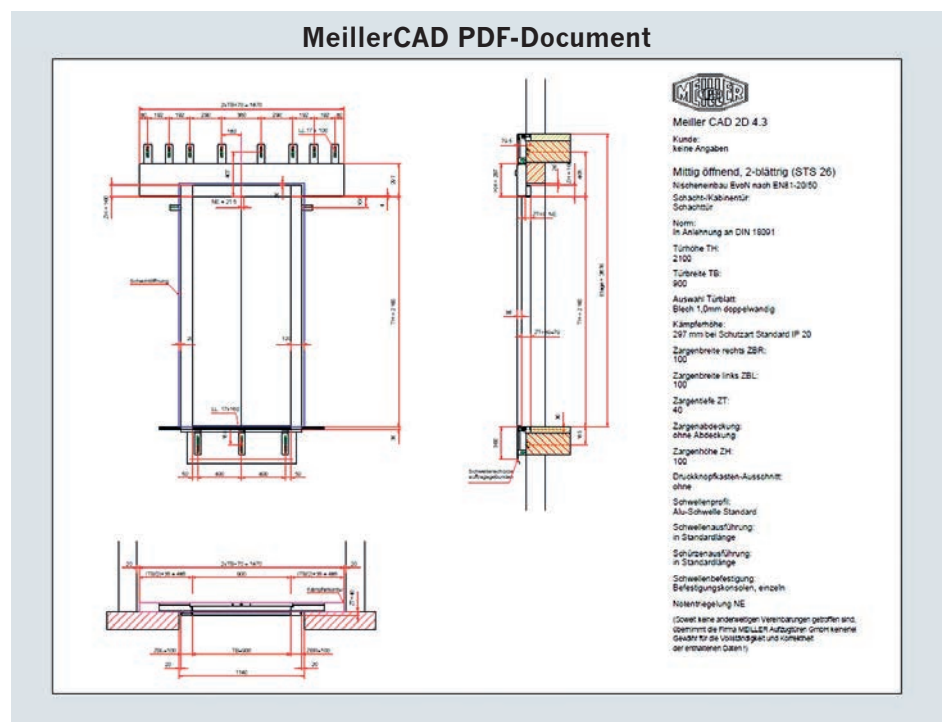
- ▶ Car door weight
- ▶ Driven mass
- ▶ Numbers of the respective type testing certificates in the currently selected door constellation

Integrated PDF output

In addition to the various display types on offer, the user is also able to generate an automatic PDF output directly from the program interface. It is also possible to define the output format and page orientation in the settings. The user is also able to display the last selected product configuration in words on the last page. This feature can also be used in such a way that all PDF views for the selected landing or car door can be shown by mouse click.

File output from the program

Depending on the previously selected program setting, driver-based output



or separate file output is activated with the appropriate export button in the program interface.

As described above, the data can also be inserted directly (i.e. with no intermediate file storage) into a drawing in a CAD program that the user is currently running. The requirement for outputting in either 2D or 3D is that the compatible driver for the respective CAD system has been selected.

Alternatively, it is always possible to select a native file form (such as Step, DXF, DWG, etc.) in the settings, irrespective of the specific CAD environment. The relevant files can then be saved by manually selecting a folder. From there, the data can be made available to all other people involved in the project (e.g. by e-mail, exchange server, or a cloud solution, etc.). As the data is neutral as far as the user interface is concerned, as described above, a wide variety of viewer programs or CAD systems can be used by all added value partners for viewing or further processing.

New: Automatic current status check

Each time the program is run, an automatic background check of the currently opened program version's status is conducted through the Internet connection. If the Meiller download area contains a newer version, the user is informed accordingly and advised to install it.

If the program is being used offline, the user is notified that no automatic status check can be performed.

Irrespective of these new functions, we always inform our customers whenever an improved and updated program version is available, in the Meiller Newsletter.

Outlook of the next version

As of the next version of the program, which we are anticipating for the end of January 2017, only content in line with EN 81-20/50 will be incorporated. In addition, car doors with a reduced drive height of 350 mm will be added. It will also be possible to select car doors for small installation depths.

Any questions? Just ask us!

All programs contain a detailed user handbook in the Help menu, describing all important functions. A German and English language telephone support service is now also available.

How do I obtain the new Meiller CAD 4.2 program?

The bilingual programs are regularly updated and made available by Meiller for use without charge, and where required, independently of the Internet. The latest program version can be downloaded from the Meiller website at any time at:

<http://www.meiller-aufzugtueren.de/kunden-portal/meiller-cad.html>

If desired, you can ask your sales representative for a brief introduction to the new programs at his next appointed visit.

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