v2.1

DSTV Assistant for SOLIDWORKS

Discover the new version 2.1

The DSTV Assistant for SOLIDWORKS makes exporting DSTV NC files a breeze.
It handles SolidSteel parametric generated designs of course but just as well it handles files from e.g. SOLIDWORKS weldments or imported files like STEP, IGES, SAT etc.

In the new version 2.1, the Costing module has been added, in which you can define machines and machining operations and quickly create cost estimates for the finished machined parts. Details about this and what else you can expect from version 2.1 are summarized on the following pages.

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SOLIDWORKS Add-Ins for structural steel design,
DSTV NC Export, Aluminum Profile Design

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New features

§ Costing module

Newly available in version 2.1 is the costing module, which – as the name suggests – is used to calculate cost estimates of the finished machined parts.

In the configurator of the costing module, you can define all parameters that have an influence on the costs. These are, besides different types of machining, also limiting, cost and time factors, the machines and tools used.

Machines

Drilling, sawing, milling, laser or plasma cutting – the machine park can sometimes be large and the use of different machines causes different costs. In the configuration of the costing module you can create as many machines as you like and thus on the one hand keep the overview and on the other hand you get precise cost calculations, because they calculate with the real parameters of your machines.
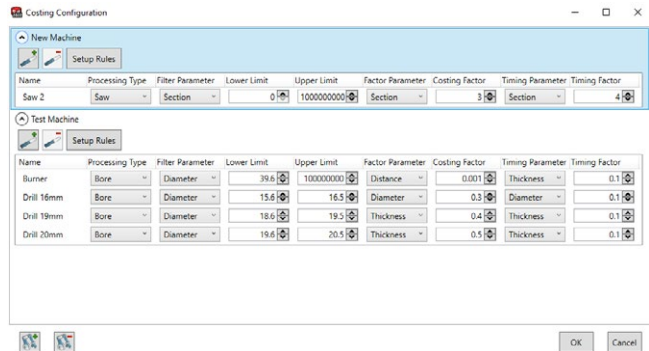
Tools

The appropriate tools can be assigned to each machine. When defining the tools, limits such as the smallest and the largest hole diameter with this tool are specified in addition to the cost factors. The specification of the limits ensures that the system works even in case of inaccuracies in the templates (e.g. hole with diameter 16.005 mm instead of 16.000 mm). In this way, the costing module achieves a high degree of automation in the cost calculation, because the appropriate tools can thus be automatically assigned to the machining operations.
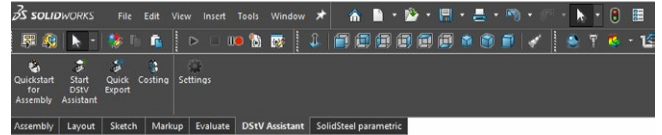
Time saving

Cost estimates and quotations are part of everyday work, but unfortunately they are also real time-consumers. The costing module completely takes over the calculation of the operations to be carried out – in a matter of seconds. Due to fluctuating daily prices for raw material, transport and other items, there are still enough additional entries that have to be included in the quotation by other means. However, counting and adding up „X holes of diameter Y and Z notches of type A" etc. are completely eliminated and become a thing of the past.

Visual appearance

The icons of the menu bar in the DSTV Assistant have been revised and now fit much more comfortably into the rest of the SOLIDWORKS look and now also support the Dark Mode.

Formatting of NC data

Improved formatting of the NC data, in which e.g. decimal points are now superimposed in the blocks, has resulted in increased readability for the human eye.
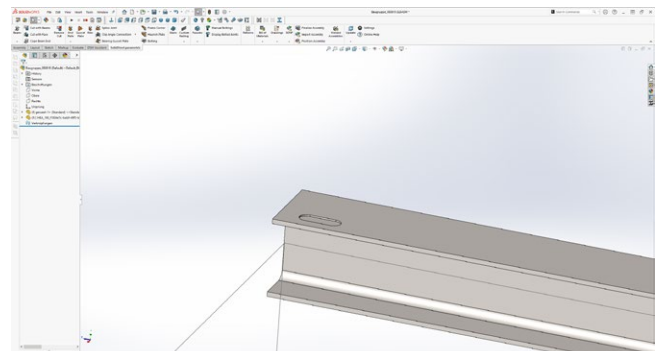
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  v   38.10o   36.83   22.22 0.00
  v  215.90o   36.83   22.23 0.00
  v   38.10o  113.03   22.22 0.00
AK
  o   76.20s   52.20    0.00
  o    0.00s   52.20    0.00
  o    0.00s   47.88    0.00
  o   76.20s   47.88    0.00
  o   76.20s   12.70   12.70
  o   88.90s   12.70t  12.70
  o   88.90s    0.00    0.00
  o  254.00s    0.00    0.00
  o  254.00s  100.08    0.00
  o   88.90s  100.08   12.70
  o   88.90s   87.38t  12.70
  o   76.20s   87.38    0.00
  o   76.20s   52.20    0.00
BO
  o  215.90s   21.46   19.05 0.00
  o  215.90s   78.61   19.05 0.00
AK
  u   76.20s    0.00    0.00
  u  241.30s    0.00    0.00
  u  254.00s   12.70    0.00
  u  254.00s   87.38    0.00
  u  241.30s  100.08    0.00
  u   76.20s  100.08    0.00
  u   76.20s    0.00    0.00
```

Countersink depth for oblong holes

The detection for the sink depth for slotted holes has been improved.
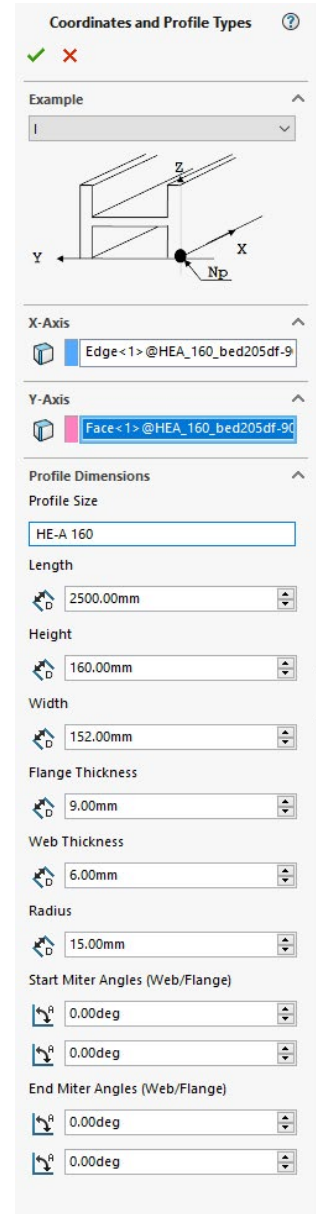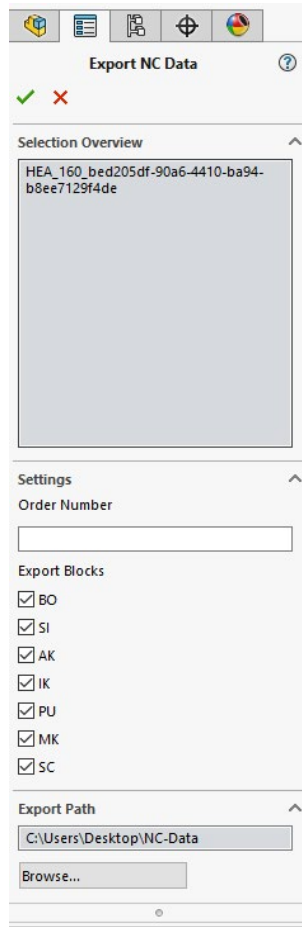
New features _in depth_

Export options

The new version offers the option to ignore individual block types during export.

This gives you the option to exclude machining blocks, for example boreholes, from the export simply by using a dialog.

User defined profile cross sections

The new option of setting profile cross sections via user-defined data ensures the highest possible flexibility, even for exotic profiles.

More updates

SolidSteel parametric v4.1

SolidSteel parametric for SOLIDWORKS is now also available for you in the new version 4.1.

More information:
klietsch.com/news/swx/ssp410

AluFrame Assistant v2.0

The AluFrame Assistant for SOLIDWORKS is now also available in the new version 2.0.

More information:
klietsch.com/news/swx/afa200

How to get our software

All of our Apps for SOLIDWORKS are sold both directly by us as the manufacturer and also by SOLIDWORKS resellers (VAR) in order to offer you, the customer, the best possible support.
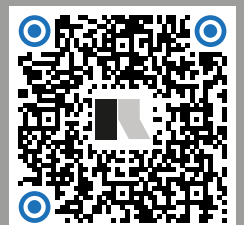

Currently there are resellers in the countrys marked darker in the world map above, which are:
Argentina, Australia, Austria, Bosnia & Herzegovina, Canada, China, Colombia, Croatia, France, Germany, Greece, Hong Kong, Hungary, Italy, Poland, Portugal, Slovakia, Slovenia, Switzerland, Turkey, USA, Vietnam...

Your country is not listed?

Like to see a complete list of resellers?

You want to become a reseller?

Please contact us via solidworks@solidsteel.de, visit our website www.klietsch.com or simply scan the QR code.

Informative and fast

The fastest and most interactive way to stay in touch with us and our software is via our social media channels on LinkedIn and Facebook or via our YouTube channel. There you will be constantly informed about software updates, new features or promotions.

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KLIETSCH
INGENIEURGEMEINSCHAFT

Königstraße 25
D-57078 Siegen
(Germany)

Phone: +49 271 23167 0
Web: www.klietsch.com