

Release note March 2021

The 2021 version of Steel Projects PLM is now available! This first major release of the year introduces many new features that will help you improve your efficiency on a daily basis. Among the important topics, you will find an improved management of GUID, enhanced provisional times, improved DXF/DWG imports and imports from Tekla, new DSTV export options for even more customization to different needs, numerous additional possibilities for label printing throughout the fabrication process. Here is a list of all the latest features added:

✓ Data

Possibility to rename a treatment to replace it by another one.

✓ Project Manager

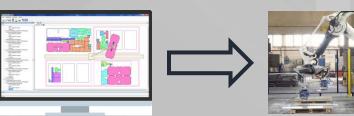
- New shortcut to open the fabrication job in which to find the selected piece.
- New parameters to configure auto marking (Set the maximum height, set the edge gaps on plates or haunches, avoid or not to mark on drilling or bending).
- New alert message when marking is not possible.
- Possibility to set the scribing lengths by type of profiles →
- Possibility to configure and create internal GUID for complete traceability management.
- New checking parameters for lead cuts with chamfers.
- Drafter: management and optimization of undo and redo actions.
- Transmittal management: finished developments.
 - → Useful for the North American market.

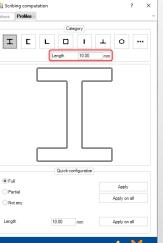
✓ Section nesting

- Reordered fields in the stock form window.
- New parameter: parts can be organized by phase/drawing in the bar.
- Possibility to manage amperage by material type.
- Possibility to import stock from a linear nesting to a section nesting (if there is no stock link).
- New icon to identify the type of part: master part, finished part, others.

✓ Plate nesting

- Improved execution times with Actcut: one folder for each fabrication job.
- Possibility to create offcuts in the project manager module.
- New configuration option: order priorities for plates.
- New tool allocation depending on plate thickness to avoid damaging them.
- Integration of an optional palletization module called SORTware, for Ficep plate cutting machines (Kronos or Gemini), allowing the automatic unloading of cut parts:





✓ Send to production

- Possibility to restore a closed fabrication job.
- Search bar integrated to the fabrication job section for better ergonomics.
- New options to manage parts that have not been nested yet.
- New options for calculating estimated times by workstation.
- Import of information coming from Ficep to calculate more precisely the cutting times for a saw.
- Possibility to define/input the forecast time for each tooling of a part or an assembly.
- Possibility to calculate estimated times of welding operations: formula applied for each length of weld.

✓ <u>Interfaces</u>

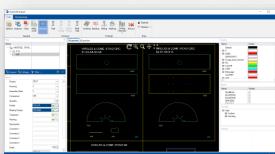
- Addition of new information to share with PNI files:
 - ✓ Automatic marking
 - ✓ GUID
 - ✓ Phase / Job
- Improvement of the Tekla XML exports to get more information out of the model:
 - ✓ Lot
 - ✓ DSTV for unmanaged parts
 - ✓ Part Type (UNKNOWN, PLATE, BEAM, COLUMN)
- AutoCAD Imports:
 - New extrusion management
 - ✓ Improved import of multiple parts →
- DSTV imports:
 - ✓ Added management of quantities by drawing
 - ✓ More possibilities to add comments to the import.
- DSTV exports (to CNC machines):
 - ✓ Possibility to merge lead cuts and manage radius on contours.
 - ✓ Possibility to export bars to any machine brand.
 - New specific interface with Pronest software.
- Zeman interface:
 - ✓ Weld information are now fully exported from the CAD model in either IFC or XML formats.
 - ✓ All those information are then exported to the Zeman software.





✓ Analysis

- Feedback data are now grouped according to parameters for more visibility in a GANTT diagram.
- New information available for analysis by employee: Attendance, production, operations.

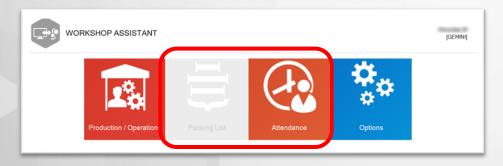


Workshop Assistant Android

- Possibility to use scanning systems in the entire Shipping section.
- Alarms and alerts on machines are now visible on smartphone (notifications) ->

✓ Workshop Assistant Windows

- New alert for operators when logging off.
- Possibility to input daily attendance times.
- New parameters to filter parts (previous workstations).
- Possibility or not to add the 'Shipping' and 'Attendance' icons in the menu:

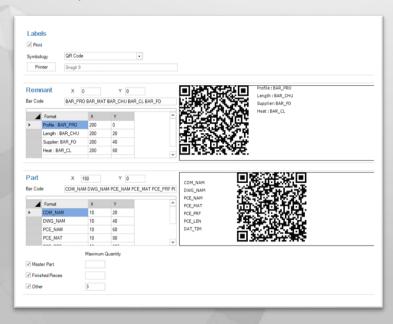


✓ Shipping

- Possibility to add a margin of error (coefficient) of the weights.
- Possibility to add contact information in the delivery notes.

✓ Miscellaneous

- Improved management of label edition: In real time during production. Same screen available on any Steel Projects PLM device.
- Compatibility of the software with 4K screens.
- Availability of more filters when creating reports.
- Possibility to restore several closed projects.



For any questions about Steel Projects PLM 2021 or to schedule your installation, please contact us: **Support@SteelProjects.com**







