GRAITEC MODELING THE FUTURE

What's New

PowerPack for Advance Steel 2026.1



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1. WELCOME TO GRAITEC POWERPACK 2026.1 FOR ADVANCE STEEL

GRAITEC is pleased to present the latest version of PowerPack for Advance Steel 2026.1, part of the Graitec Advance Suite.

Building on the innovations of the 2026 release, the **2026.1 update** focuses on refinement: polishing dialogs, correcting small but impactful issues, and ensuring macros work seamlessly. The result? A more enjoyable user experience and improved productivity across projects.

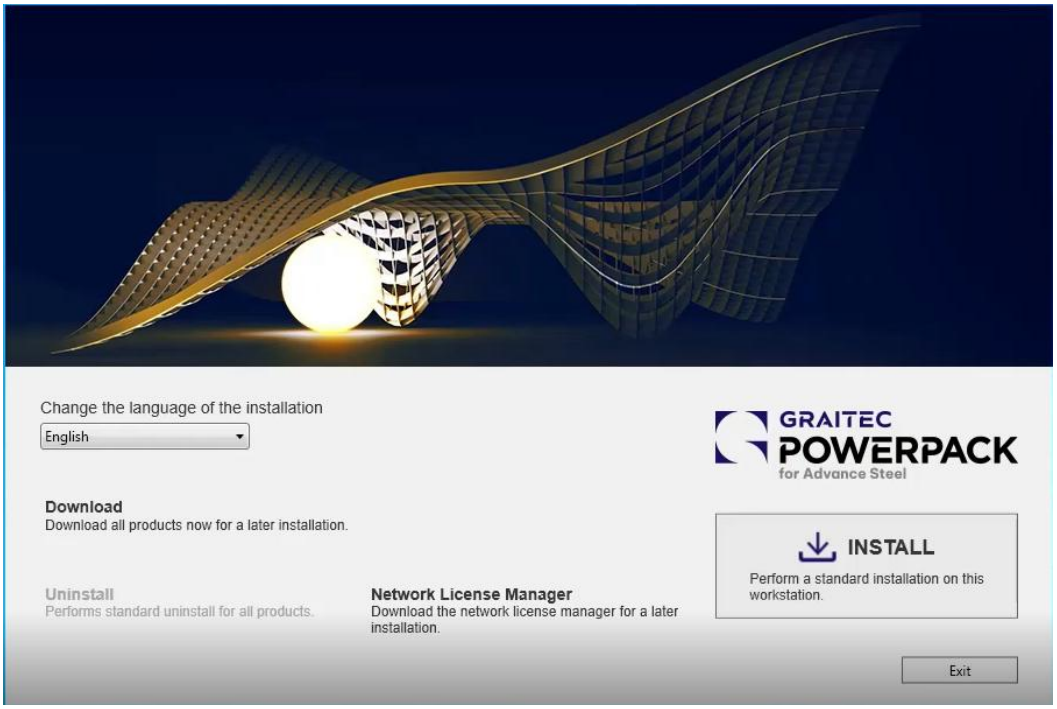
1.1 COMPLIANCY WITH AUTODESK ADVANCE STEEL 2026 & 2025

The **PowerPack 2026.1 for Advance Steel** is compliant with **Autodesk Advance Steel 2026 and 2025**.

The **PowerPack 2026.1 for Advance Steel** can be installed using the **Setup PowerPack 2026.1 for Advance Steel 2026.**

The installation of the 2026.1 version is also compatible with the 2025 version of Advance Steel Installation. Regarding the installation of the PowerPack version 2026.1, please follow the following guidance:

1. **Open Advance Setup 2026.1** of PowerPack for Advance Steel – the setup will automatically identify the installed software and all you must do is **press "Install" for the update to take place**.



Advance Setup 2026.1 installer popup

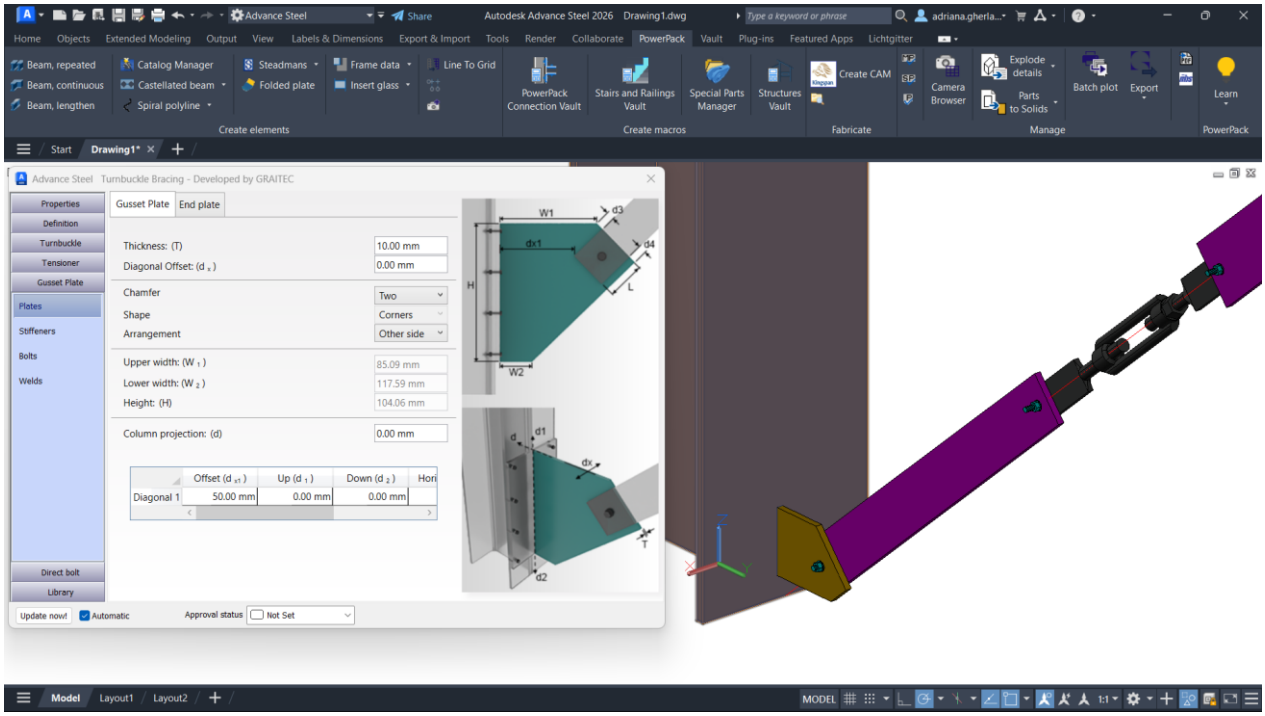
2. ENHANCEMENTS

With the **2026.1 version** our focus was upon a series of outstanding items against several key macros that we have delivered within the recent version of the **PowerPack for Autodesk Advance Steel**.

2.1 TURNBUCKLE TENSIONER MACRO

The **Turnbuckle Tensioner** macro introduced in 2026, we continue to refine this macro by cleaning up the dialogs and operation of the macro via a series item that were known to us.

- **Dialog size:** the overall dialog size reduced for easier model navigation.
- **Dialog image updates:** Multiple Dialog images needed redefining within the context of the macro.
- **Tree node renaming:** Multiple Tree nodes renamed to suit deployment scenario.
- **Minor defects:** several small bugs corrected.

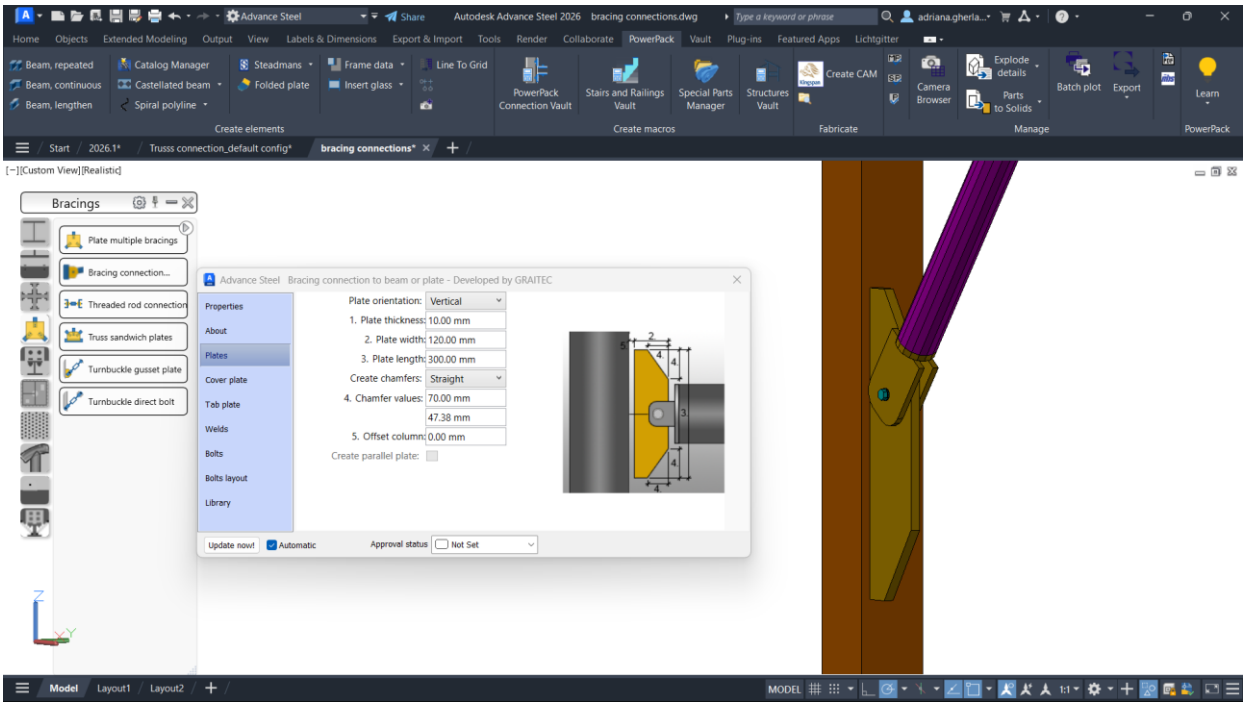


Gusset Plate for Turnbuckle Tensioner connection

2.2 JOINT MACROS

Connections are at the heart of PowerPack for Advance Steel, and we've raised the bar with targeted improvements:

- **Bracing joints**: More predictable results with several bug fixes applied.
- **Truss sandwich joint**: Better handling of shim plates and library recall.
- **Header beam**: Staggered bolt groups now behave as expected.
- **Platform cover**: Bolt grouping logic improved for accuracy.



Plates for Bracing connection

3. STAIRS AND RAILINGS UPDATES

With the recent addition of several macro elements in the **Stairs and Railings** modules, we've prioritized resolving key reporting bugs to ensure these macros operate more smoothly and reliably.

3.1 STAIRS

Stairs play a pivotal role in many steel projects, and this update delivers cleaner outputs and more consistent drawing results.

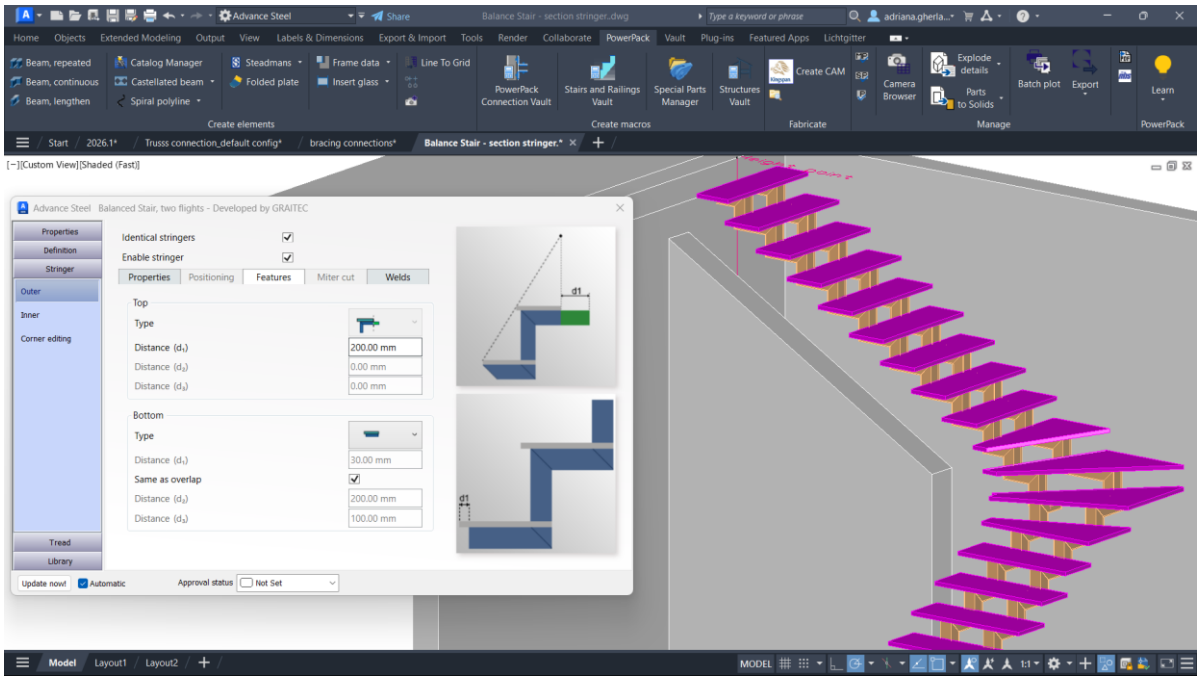
3.1.1 Straight Stairs

In certain configurations within the macro, minor inconsistencies were identified. Many of these have now been resolved in this version to improve overall reliability.

- Top landing levels and angled (non-90°) landings are now correctly handled.
- Folded plate treads have been reassigned for clearer and more accurate drawings.
- Additional refinements made to welds, dialog boxes, and images to improve consistency.

3.1.2 Balanced Stairs

- As part of the updates to the Balanced Stair macro, several dialog images have been refined to enhance clarity and improve the overall user experience.

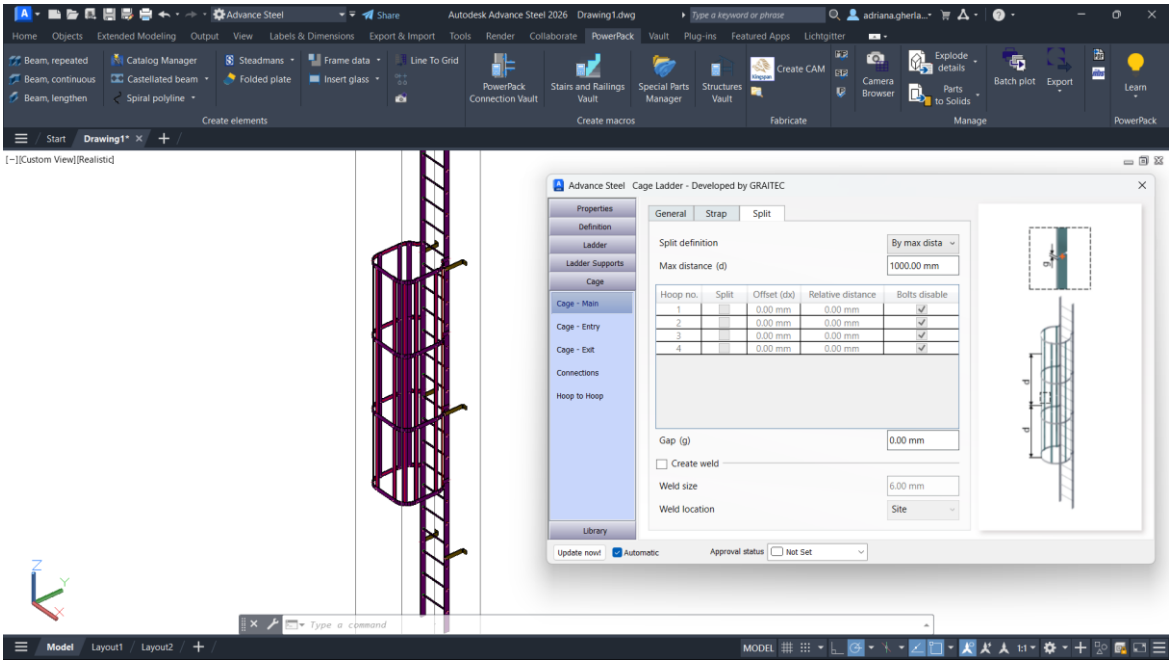


Stringer Features for Balanced Stairs

3.1.3 Cage Ladder

As this macro was recently introduced, several minor issues have been addressed in this version to improve the following areas:

- Cage creation logic corrected to support all configuration types.
- Strap placements and orientations have been fixed.
- Bolt locations adjusted for accurate representation.
- The stile split option now extends precisely as intended.



Split strap for Cage Ladder

3.2 RAILINGS

Reviewed and correct several reported issues related to these macros:

A series of targeted refinements across railing types ensures improved accuracy, consistency, and user experience:

3.2.1 Standard Railings

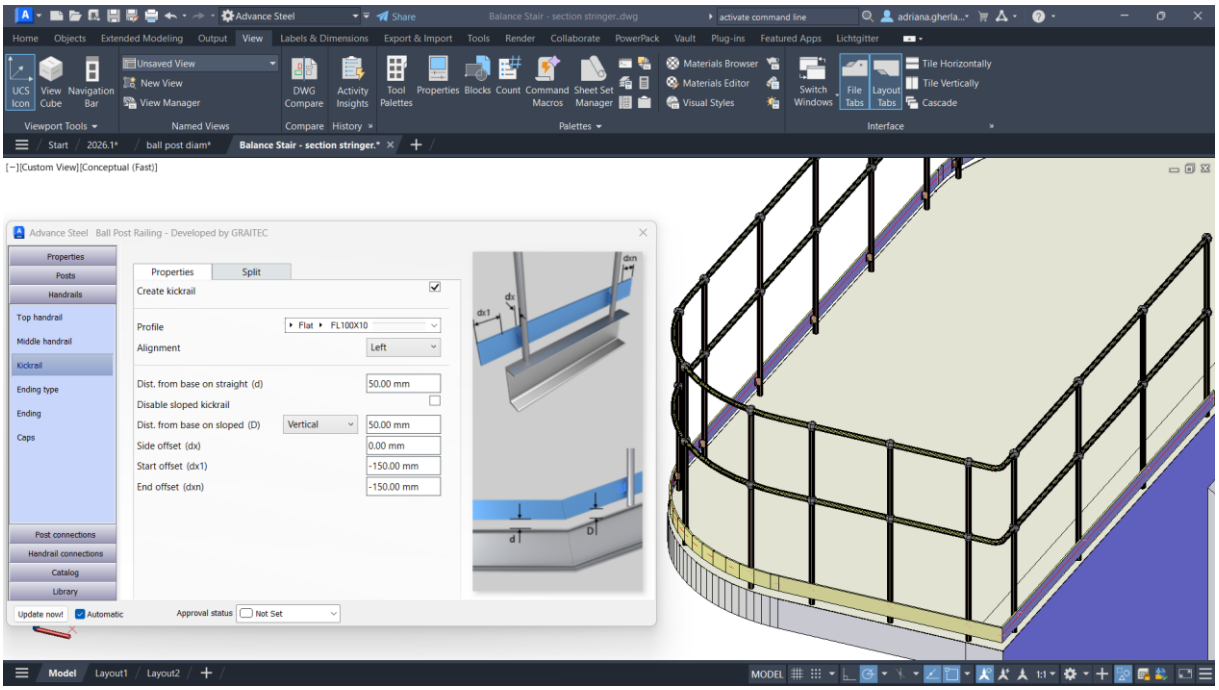
- Fixing lugs now cut and set out correctly, including on sloped surfaces.

3.2.2 Key Clamp Railings

- Enhanced handling of sloped Kee Clamp fittings.
- Corrected side base type assignments for improved reliability.

3.2.3 Ball Post Railings

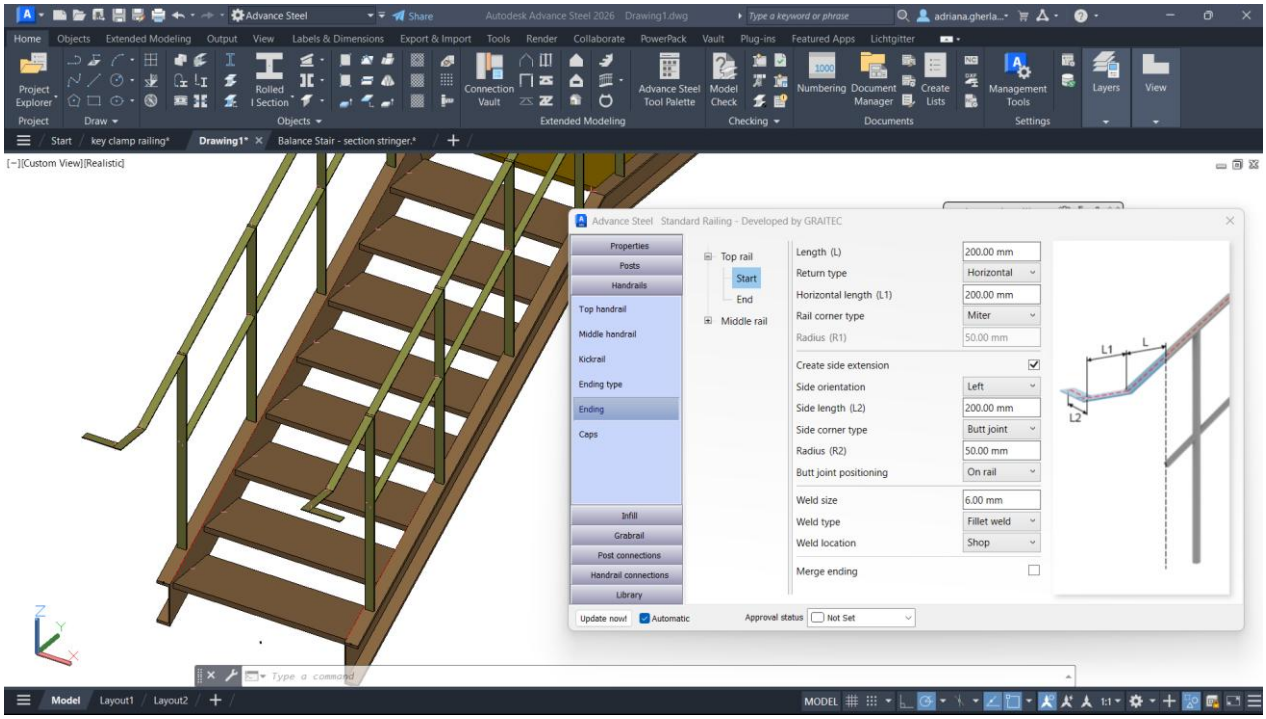
- Kick flats now placed accurately during straight-to-curved transitions.
- Railing and post placements corrected for both curved and sloped-to-horizontal configurations.



Curved Kick Rail for Ball Post

3.2.4 All Railing Types

- Updated text labels and dialog images now better reflect macro functionality, offering greater clarity and confidence during setup.



Butt joint for Standard Railing