

FeneVision Release Notes

OPTI Version: 09.05

Ability to finalize release with quick optimization in dynamic mode 16984

The new "Quick Batch Optimization" setting for dynamic cutting machines in OPTI-GLASS runs a smaller set of optimization algorithms with lower search depth, providing a quick preview of patterns and yield, significantly reducing wait times. OPTI-BREAK dynamic optimizations still run with the full optimization settings. On upgrade, this new setting is enabled by default on dynamic cutting machines.

Ability for DXF Shape Nesting 35643

Users can now opt in to allow DXFs to follow existing OPTI shape nesting rules, reducing stock yield loss compared to the default bounding block optimization.

Ability to use DXFs stored as database binaries in optimizations 42847

Historically DXFs used in optimizations have always been loaded from file attachments on orders. This feature allows for DXFs saved in the database to be used in optimizations. This feature is recommended for implementations utilizing the FeneVision CORE DXF database binaries functionality. Configuration required to utilize functionality.

Ability to configure station actions for OPTI-BREAK 43645

OPTI-BREAK now supports the ability to configure station actions based on trigger actions such as lite acceptance, run start, machine file generation, and more. Station action types, such as file move, can be configured with parameters and property tags for maximum flexibility.

Additional Release Notes:

- Ability to prevent lot inventory from going negative in OPTI-BREAK 38648
- Ability to optimize any subslot in the store when physically accessible by machinery 41787
- Ability to block slots and subslots in a store preventing use in dynamic optimization 41995
- Ability for LiSEC PBS interface to support manual racks in OPTI-LOAD INVENTORY 42627
- Ability to specify cover sheets on front or back of rack 42736
- Ability to synchronize INVENTORY warehouse zone accessibility with LiSEC automation signals 43280
- Performance improved when OPTI-GLASS loads patterns for release viewing 43291
- Ability to consider remnant part measured width and height when part is added to remnants store from LiSEC PBS interface 43323
- Performance improved when optimizer has Z, V, and W plates on larger optimizations 43670
- BystronicXYZ.dll: Option to disable edge deletion 44049