

What's New in Taglio 2021 ?

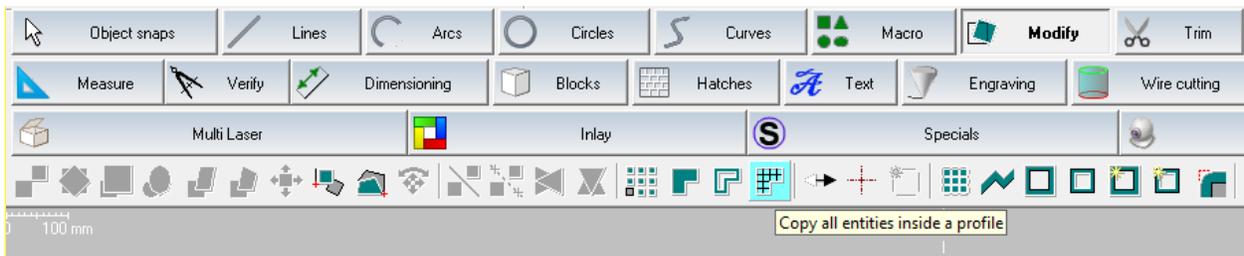
The following is a summary of the primary improvements to Taglio 2021 release.

Taglio 2021 provides a set of enhancements based on customer feedback, surveys, and analytic data that prioritize our efforts. Several features modernize and streamline frequently used features across many customer disciplines.

Logotag

New Trim

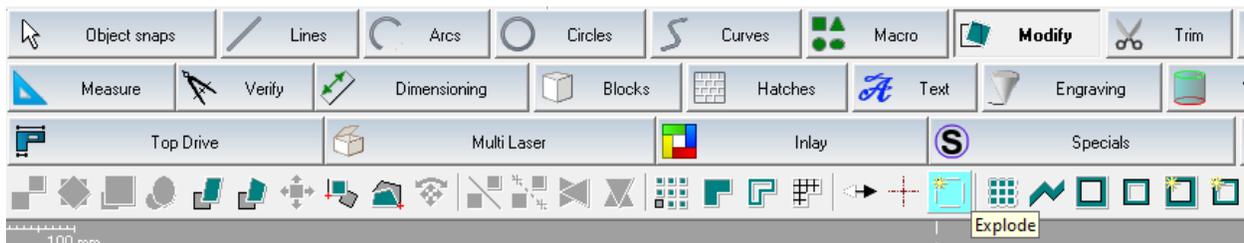
A new trim command is now available under Modify group to quickly trim and copy geometrical entities drawn inside a shape (i.e. closed profile).



New Explode

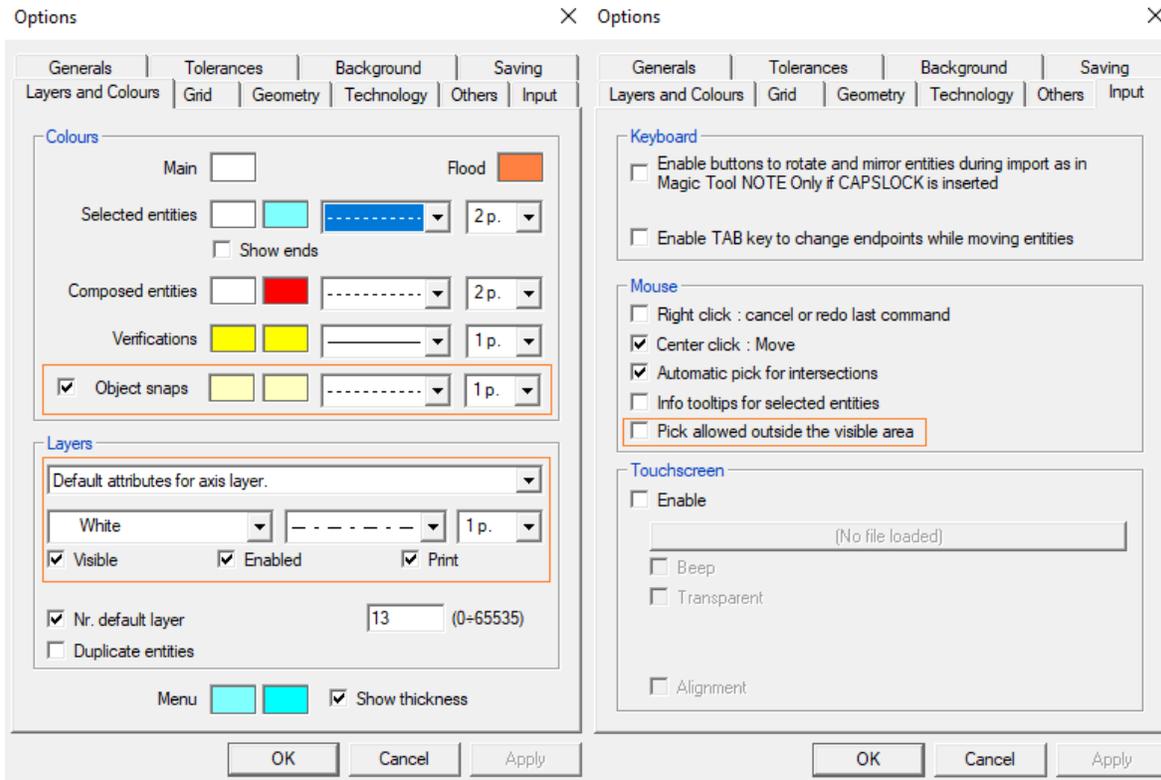
A new explode command is now available under Modify group to quickly get basic geometrical entities grouped into blocks.

The command is applicable to Logotag basic blocks, TopDrive advanced blocks, curves, dimensioning info, hatchings, and texts.



Snap & Selections

More selection options are now available and configurable to improve the snap commands behavior over complex drawing with plenty small entities.



New Toolbar Configuration

Currently, Logotag-based products allow users to customize command groups by right clicking on the desired group button.

A new configuration file, LogoTagTB_Reduced.cfg, extends this capability (available upon request).

DXF/DWG Enhancements

The primary enhancement to the DXF/DWG reader is that you can now access the latest file versions containing "AcIdBlockReference" generated with AutoCAD.

The import feature has been revised for work faster.

The control options are nearly the same, but more efficient.

Layers Editor

The layer editor has been revised for easier drawing organization. Check boxes provide a way to hide unwanted service layers.

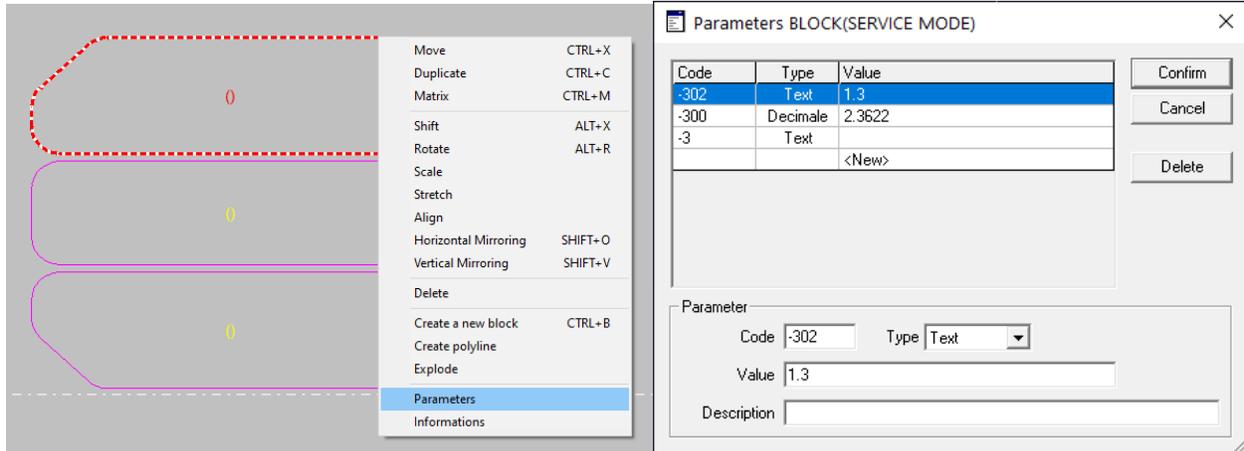
Having these different options available recognizes that people in different disciplines have different requirements and preferences.

Vacuum Lifter Editor

Currently, vacuum lifter files are configured and updated through your text editor.

A new editor-mode is now available in Logotag by right clicking on drawing blocks used to define the vacuum lifter, standard Parameters are reachable.

With CTRL + Parameters, you can edit the technical values.



Measure Geometry Option: Area Measure

Measuring has become much faster with the Area command.

Integrate Drawing

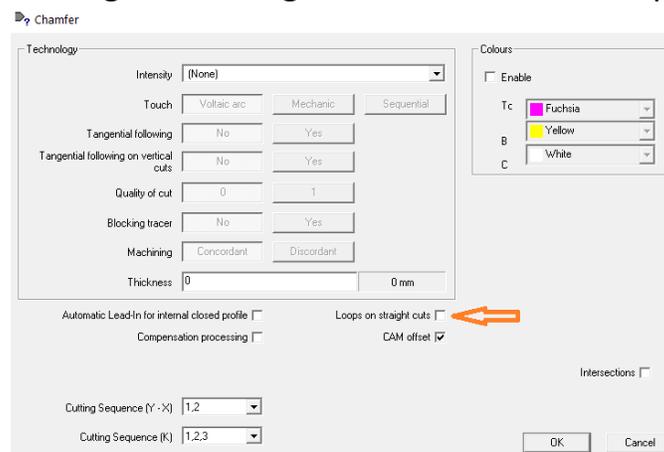
The command has been enhanced to work with Iges (*.igs) and Step (*.stp) files.

The behavior is similar to the one already available with the import drawing command however the integrate drawing command update the current drawing keeping the original coordinates of the entities got from file.

Cutting Strategies

We needed to make significant changes to enhance some cutting strategies.

Loops on straight cut along with bevel cut is now applicable.



Texts

New fonts supported: Chinese fonts.

TopDrive

Work Order

We needed to make significant changes to improve the usability of the Work Order in junction with Lastra.

The primary reason for redesigning the work order management is to be able to modify parts on fly without deleting and recreating the Work Order.

It is now possible to redraw a piece nested over the slab (e.g. split the piece in two, add a fillet, etc.). In order to accomplish this, the nested pieces service layer as been added. Nested pieces service layer can be turned on and off by clicking CTRL + J.

Add Label

Currently, labels are placed through text functionalities available in Logotag.

A new command is now available to add labels over pieces without going back to drawing mode.



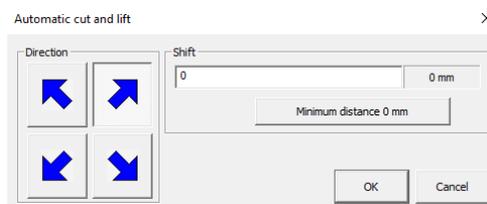
TouchDrive

Blade Cutting & Move

We made significant changes to improve the cut and move commands especially with combi cuts (i.e. blade and incremental milling, blade and waterjet).

The move commands are nearly the same, but usable on slab parts cut not only with blade.

The strategy now works with left-top pattern, left-bottom, and right-bottom.



Unload Remnants

A new command is now available to unload slab remnants and free room over the cutting workbench.



Waterjet Cutting

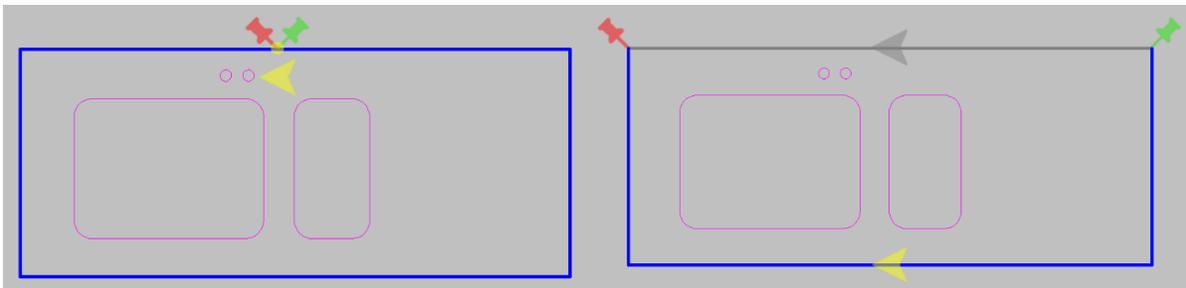
We needed to make significant changes to improve the usability of the waterjet cutting commands for the full profile cutting and the partial profile cutting (i.e. combi cut).

The primary reason for redesigning the commands is to provide better visual previews of the profiles in the workflow for cutting.

By clicking on part, a cutting path is selected.

By clicking after selection, lead-in/lead-out repositioning and cutting direction (yellow arrow) are enabled.

By clicking on grey arrow, the open cutting path is exchanged.



New Slab

It operates the same way as before but it is now available the list of materials configured in the database.

The primary reason for setting the material is to automatically loading the properly cutting parameters.

New Project

It operates the same way as before but it is now available the list of materials configured in the database.

The primary reason for setting the material is to automatically loading the properly cutting parameters.

Camera Calibration

Camera Calibration has become much faster and easy.

Workbench thickness management provide a way to avoid camera recalibration during weekly usage.

Parts to Cut

The Attributes button has been revised for showing part name, part size, and both together.



Shaping With Blade

Currently, shaping machinings are programmed importing existing drawings or parametric files.

A new configuration let you access CAD functionalities to draw from scratch.

New Toolbar Configuration

Currently, Logotag-based products allow users to customize command groups by right clicking on the desired group button.

Changes are now limited to TouchDrive while before were applied to all programs indistinctly.

Numerical Control Error Management

We needed to make significant changes to classify, sort and translate errors generated by the numerical controls.

This exception handling procedure depends on the communication protocol implemented by the numerical control installed.

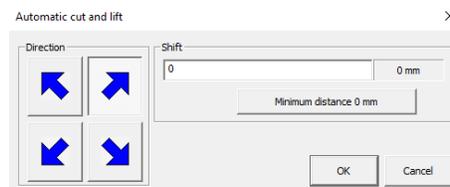
Lastra

Blade Cutting & Move

We made significant changes to improve the cut and move commands especially with combi cuts (i.e. blade and incremental milling, blade and waterjet).

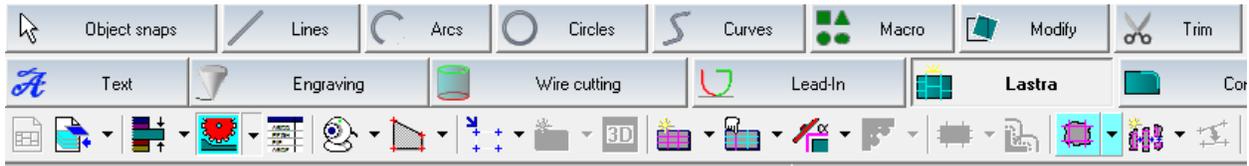
The move commands are nearly the same, but usable on slab parts cut not only with blade.

The strategy now works with left-top pattern, left-bottom, and right-bottom.



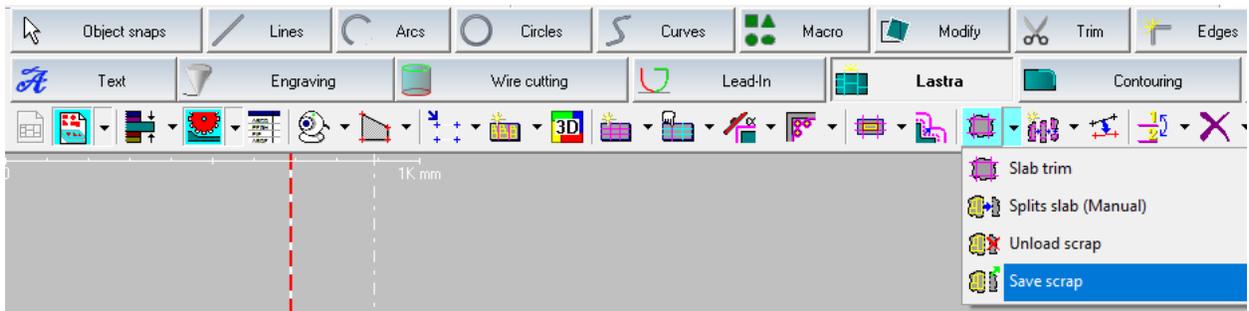
Slab Outline Trimming

A new command is now available for trimming the slab outline. Having this new feature recognizes a deep understanding of the porcelain cutting strategies.



Unload Remnants

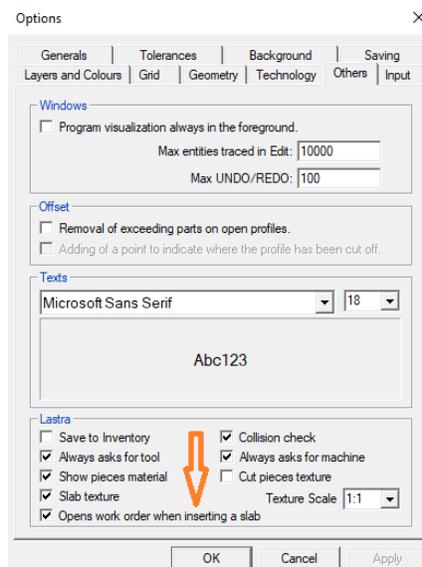
A new command is now available to save slab remnants into the inventory. Command is applicable over slabs coming from work orders.



Work Order

Currently, a work order is opened when a new slab is added.

A check box under Options provides a way to set the user preference about opening or not the work order upon slab inserting.



Layers Table

The layers table has been revised for easier drawing organization. GMM output style is now better supported.

Having these different options available recognizes that people in different disciplines have different requirements and preferences.

Frestag

Pins & Pods

The New Project command has been extended to reload the last pins and pods positioning as per your conveniences.

The primary reason for introducing this behavior is to reduce programming timing and mistakes when users work almost all the time the same drawings.

Taglio 3DJ

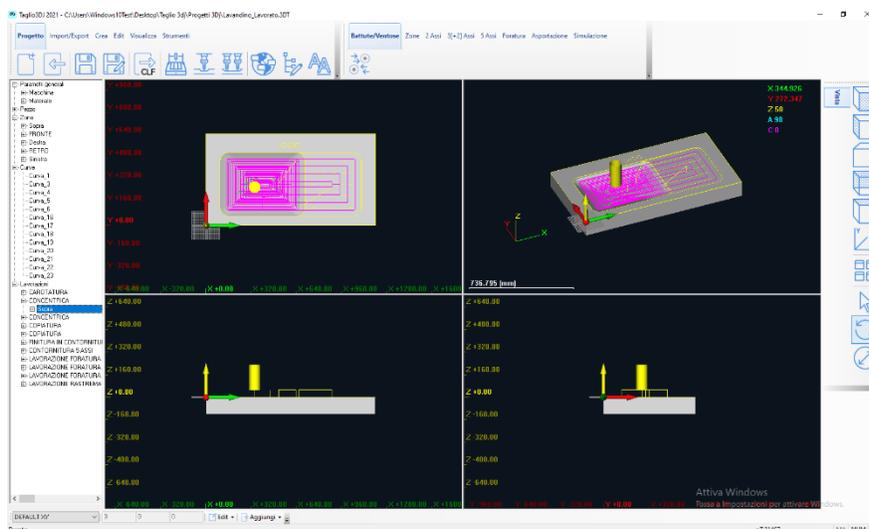
Your user interface is obviously something that you use all the time.

Past customer feedback repeatedly indicated that we needed to make significant changes to improve the clarity and crispness of the commands.

As you can see, we optimized the background colors with the icon colors to provide the optimum contrast without distracting from the working area, where you're usually focused.

Viewport

The Taglio 3DJ viewport has been extended and set up a four view-port workspace with parallel world top, world front, and world right views, and a world perspective view.

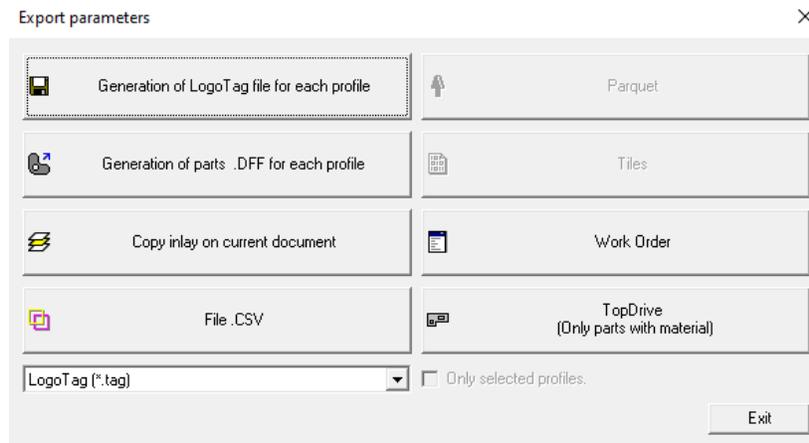


Incisione

We needed to make significant changes to improve the efficiency of the engraving path in order to optimize the machining sequence.

Intarsio

A new output over Excel file format is now available.



MagicTool

Cutting Parameters

The Omega lead-in is now available under the lead-in list in cutting parameters window.

Nesting Strategies

We needed to make significant changes to improve the efficiency of the traditional nesting strategies available in MagicTool.

New Toolbar Configuration

Currently, Logotag-based products allow users to customize command groups by right clicking on the desired group button.

Changes are now limited to MagicTool while before were applied to all programs indistinctly.

WaterTag

It's now possible to set the raw part thickness.

The primary reason for introducing the thickness is to compute the total cut square meters.

The software is now under Industry 4.0 umbrella.

Security Improvements

Software Installation

A new installation technology dramatically improves the install security on Windows operating systems.

Licensing

Past customer feedback repeatedly indicated that we needed to make significant changes to report more info about the licensing installed.

It's now visible the license type in addition to the protection number and the software options activated on each product.

The backend diagnostic tool has been improved to quickly discover leak of security.

