



WORKNC 2022.1 release

WORKNC 2022.1 is available to download now. Visit the Customer Portal to update your software and benefit from the latest new features including:

- **Improvement in "Send to CAM" workflow from DESIGNER to WORKNC:** A simple and powerful "Send to CAM" command creates the WORKNC workzone directly from the CAD application, ensuring the right models are automatically assigned as stock and fixture. CAM entities can be automatically created such as curves, surface lists and surface list groups. This instruction now allows the user to define a machining sequence beforehand, automatically starting the calculation of toolpath over the project prepared. It also allows the user to define the destination directory for the workzone about to be created. Pre-existing stock models can also be selected.
- **Surface finishing improvements:** WORKNC modernizes the internal geometric model calculation when importing solid models, from native files or from DESIGNER Companion. The intersection of surfaces will have a particularly important improvement, ensuring seamless finishing for the entire model.
- **Holder Collision Avoidance against the dynamic stock:** WORKNC 2022.1 now checks the collision of the selected holder against the dynamic stock model, improving the safety of the process by avoiding the collision.
- **Waveform with Finish Pass:** Waveform roughing within WORKNC integrates the option to do a finish pass after the roughing toolpath is executed. This enables that, the surface finishing is guaranteed, and an extra toolpath to smooth out the faces of the part roughed is no longer necessary.
- **Multi part machining with NCSIMUL:** The integration with NCSIMUL gets stronger, allowing for multiple workzones to be imported on the same project. With this, the user can rationalise tool changes, collision check against the entire multi-part environment, and execute a complete weekend of lights-out safe machining.
- **5-axis toolpaths with the overlap option:** WORKNC's market leading 5 Axis toolpaths now offer the option to roll beyond the entry point in every pass, ensuring surface finishing is improved by eliminating the differences caused by the tool's deflection.