

SchüCam Software Release Note 03.2024

Softwareversion	SchüCam 1.4.7
Machines concerned	all, especially AF510 RX LOAD 500 AS 100

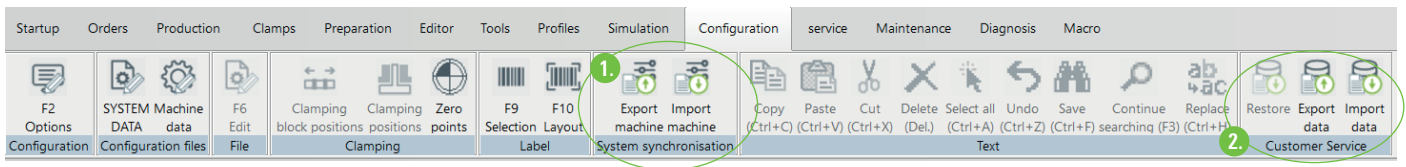
WE RECOMMEND THAT YOU ALWAYS INSTALL THE LATEST VERSION OF SCHÜCAM!

1. CAM FEATURES

- necessary pre-installations of software packages will be carried out automatically in future
- the creation of backups has been improved and stabilised and the crash of the cam has been secured
- integrated function for importing backups, the Cam restarts automatically after importing

Simple overview in the Configuration tab:

- Machine import / export: System comparison between the machine settings and configurations in the workshop and office for optimised job preparation **1.**
- Simple data import/export & data recovery possible: For analysing machine faults and downtimes in cooperation with Schüco customer service **2.**

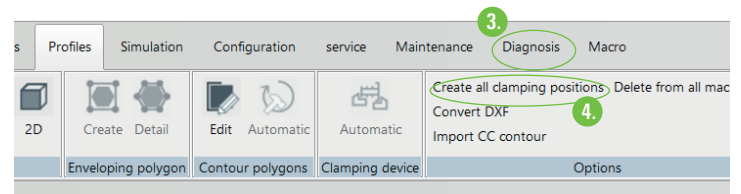


2. AS 100

- manual loading enabled
- automatic outfeed of partial bars improved
- incorrect height of the infeed and outfeed gripper during manual loading corrected
- fixed risk of crash when moving machining operations in the „Clamping block positioning“ menu
- Collision calculations improved to prevent incorrect collision messages
- automatic readout of machine parameters integrated for improved machine operation

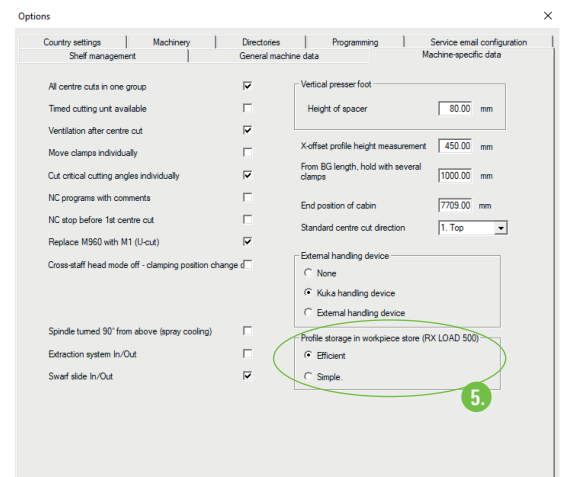
3. SCHÜCO AF 500 UND AF 510

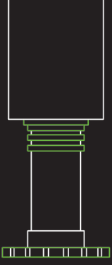
- improved diagnostics window incl. automatic updating of all error messages **3.**
- simple option to have all clamping positions of a profile created automatically **4.**



4. RX LOAD 500

- Notification by e-mail when the NC programme has been aborted
- efficient unloading: the robot can deposit cut parts in different profile levels, depending on requirements and collision considerations; this function is now preselected, but can be changed via the options **5.**
- Simulation of several bars or an entire shelf in the cam possible
- maximum permitted length for a profile bar set to 6500mm
- improved pre-positioning of the robot for the next NC programme
- specific messages for the machine operator if the NC programme does not start, e.g. rack collision





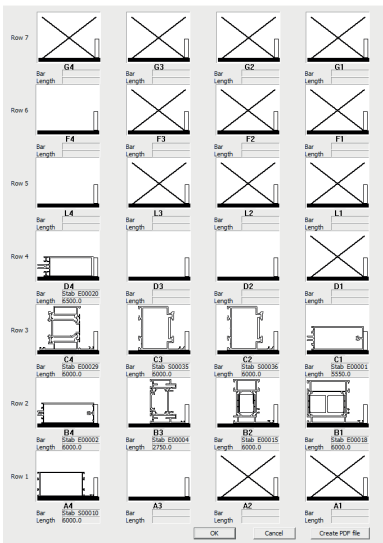
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CONTINUATION RX LOAD 500

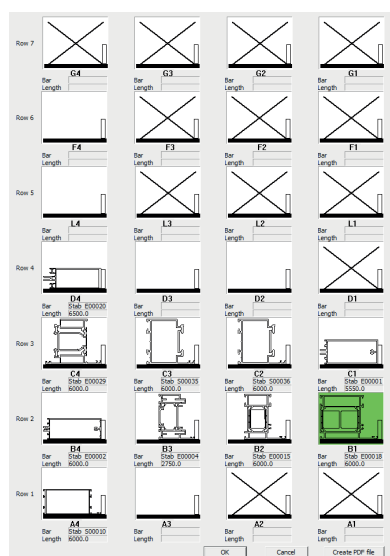
- improved insertion process by the robot for greater machining accuracy
- it is no longer possible for the robot to remove the wrong bar from the shelf
- automatic detection of the operating mode using the key switch on the machine stop, selection in SchueCam no longer necessary
- automatic brake test or referencing run if necessary
- improved dialogue for loading the workpiece storage
- Profile lengths added to the PDF output file for rack loading
- access to the PDF output of the rack loading possible while the NC programme is running
- improved shelf dialogue incl. new functions:

Locking compartments in the shelf



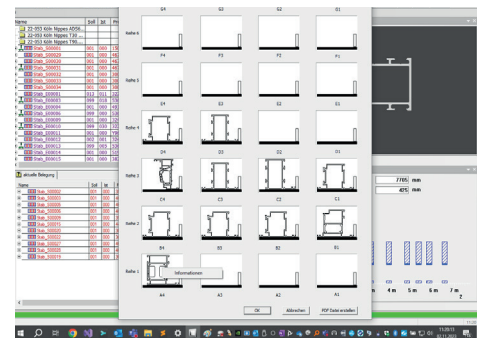
Lock the desired compartment by clicking on it; a message appears if locking is problematic

Replace shelf compartment



To swap subjects, simply select the profile and then click on the new subject.

Profileinformation



Right-click on the profile to display profile information.

