

Release notes; SecoCut version 5 (May 2009)

Changes from SecoCut v4.2

Software

Software re-written in Microsoft .net for future proofing the software, this enables;

- Support for double bit characters, supporting more languages
- Simpler installation, only component required now (apart from the installer) is the .net framework (verified with installation)

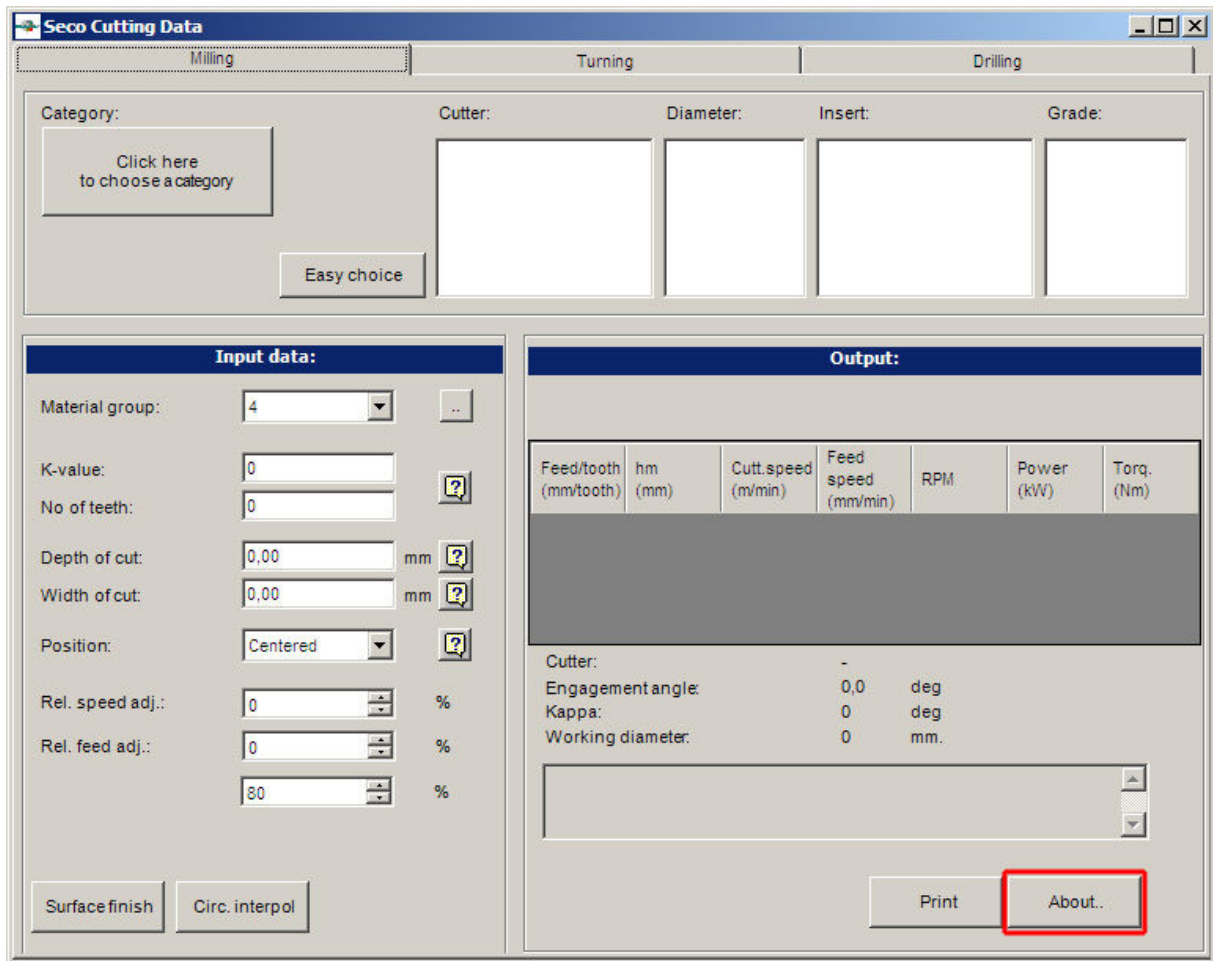
Installation

Un-zip the archive downloaded from secotools.com into a local folder on your computer. You should now have a folder containing two files; setup.exe and SecoCut.msi. Double click the setup.exe file and follow the instructions on the screen.

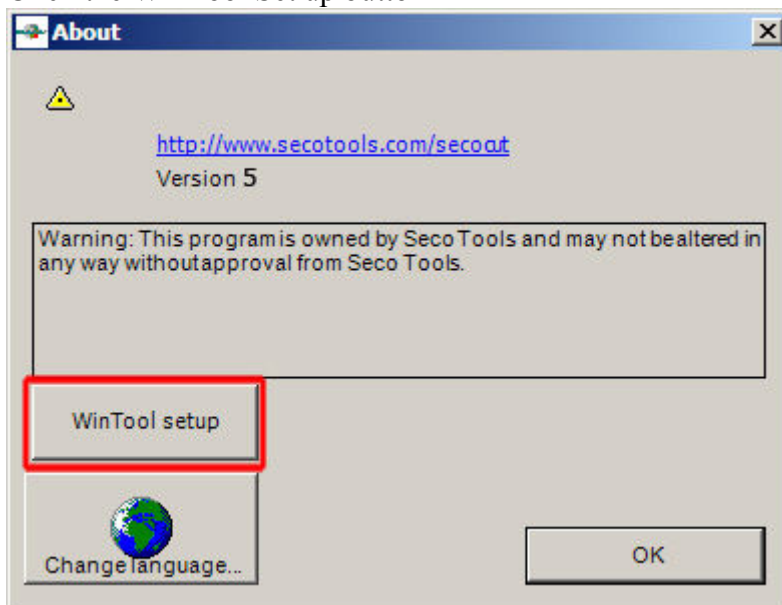
WinTool set up

The integration with WinTool has been updated for the v5 version of SecoCut, to set up the integration do the following:

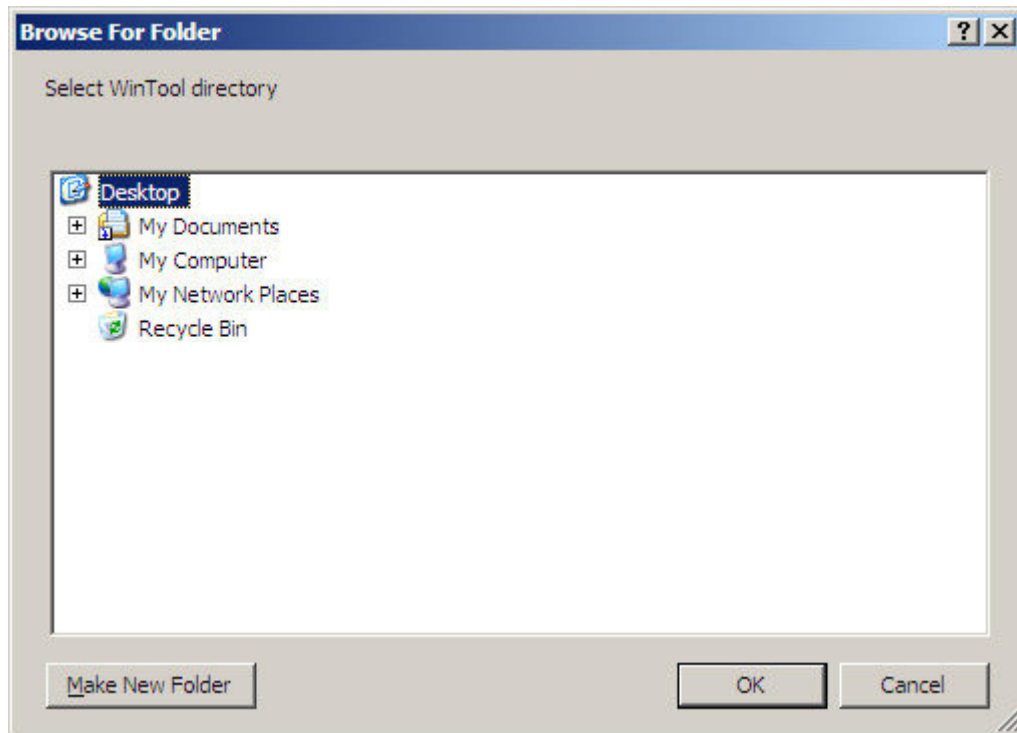
Go to the about box in SecoCut, located in the bottom right corner of the interface, highlighted in red below.



Click the WinTool Set up button



A dialogue will now appear, now browse to your WinTool installation folder. For English versions of Windows, the installation is typically located in:
 C:\Program Files\DATOS\WinTool200x where x is the year release version of WinTool.



SecoCut v5 has been verified to run with version 2008 of WinTool, integration with WinTool 2009 will be supported in future releases of the software.

Calculations

The cutting speed recommendations for Turning and Milling in the new release of SecoCut are calculated using Dr. B. Colding's tool life equation. The chip thickness column in the cutting data table is changed to h_e from h_m , since Colding's equation is based on the Equivalent Chip Thickness, i.e. h_e .

The max a_p is calculated differently in the new version of SecoCut, this might cause slightly different values than previously, but the new ones are much more accurate though.

Products supported

SecoCut now provides full support for the new Square 6™ line of milling cutters Inserts and new grades added to software, also, data for already existing inserts and grades has been updated, resulting in even more accurate calculations than ever before.