Step by Step Guide: FlexiCAM CNC



This step by step guide will take you through the use of FlexiCAM Viper CNC machine, from the start up of the machine to the finished product. It is divided into several sections so read the headings in the table of contents before you begin.

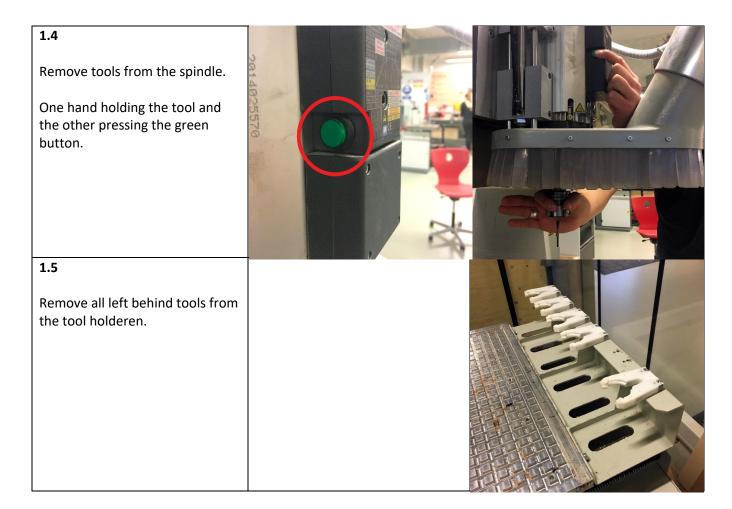
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Step by step guide: CNC

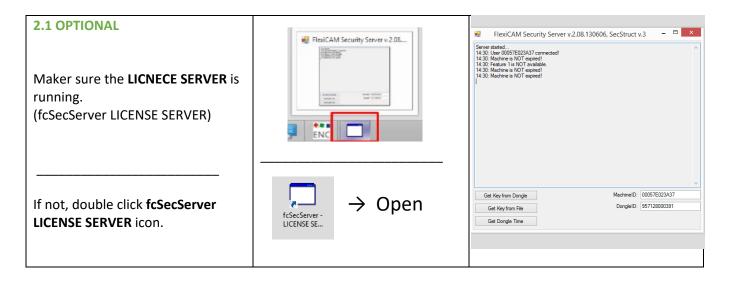
1: Start up rutine:

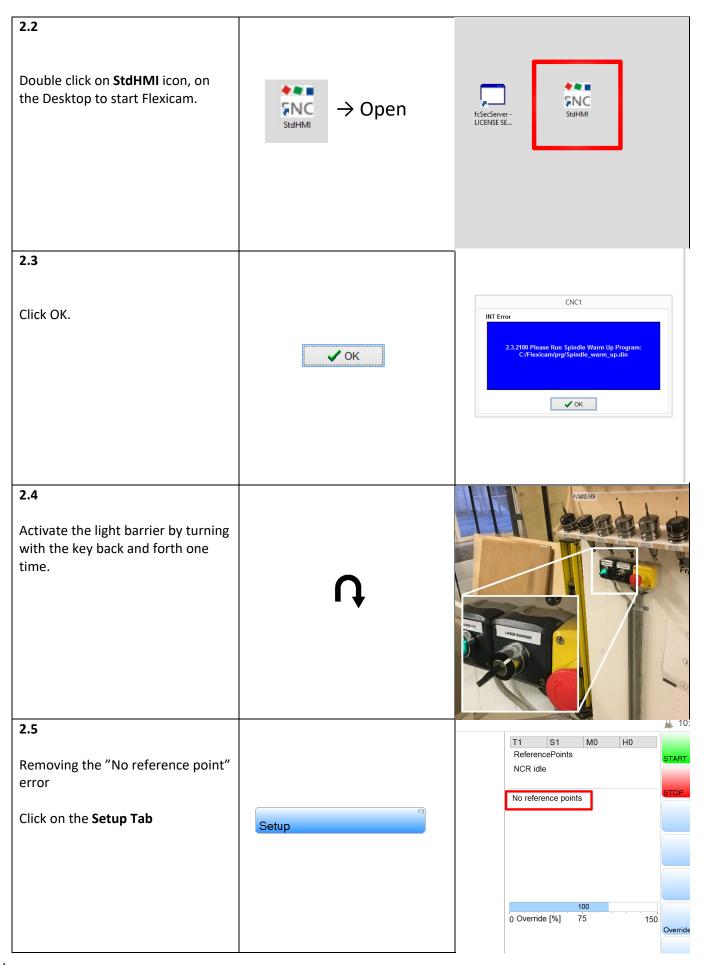
Tekst	Symbol	Billede
1.1 Turn power switch to ON.	\	
1.2		
Start the CNC by pressing the green button	0 → 1	SHITCH TO ON SHITC
1.3 Turn on the "Pressure Air" switch.	\	PLYNOCHOF PRESSURE AR CO

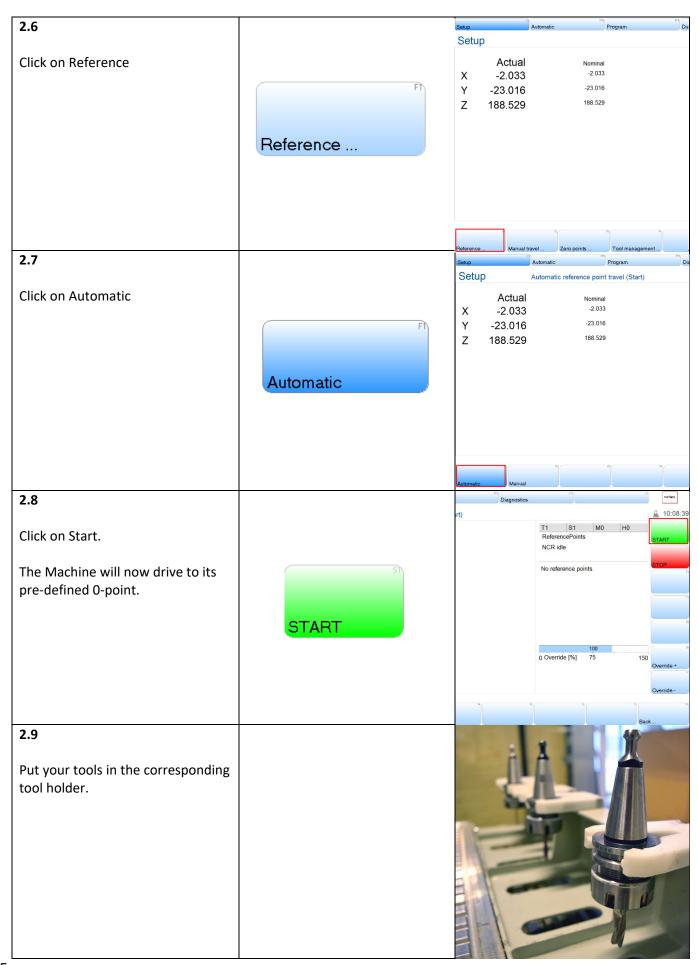


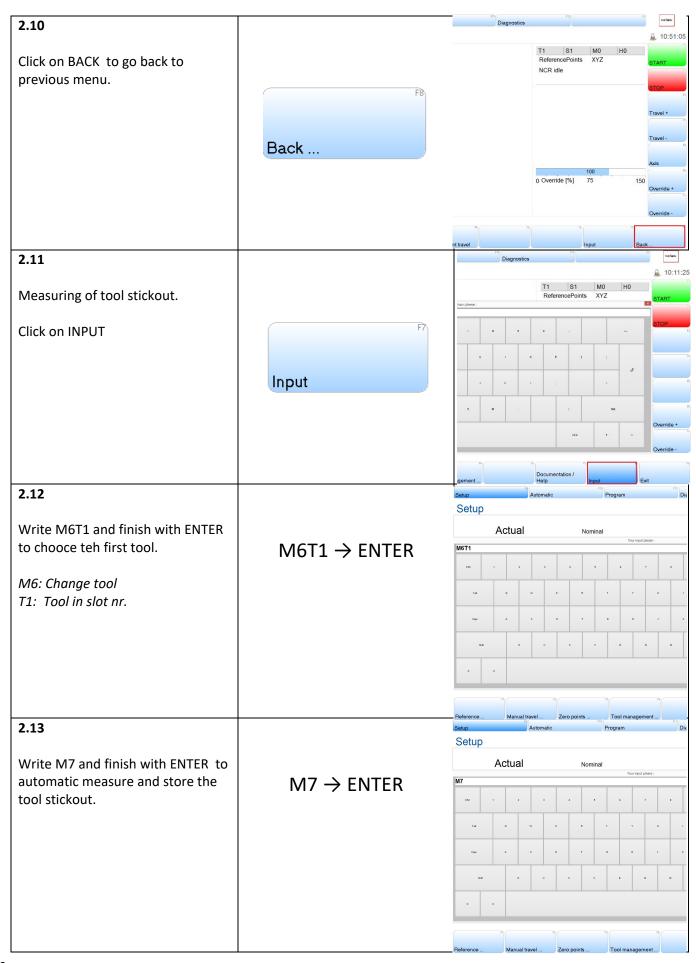
2: Setting up the CNC Machine

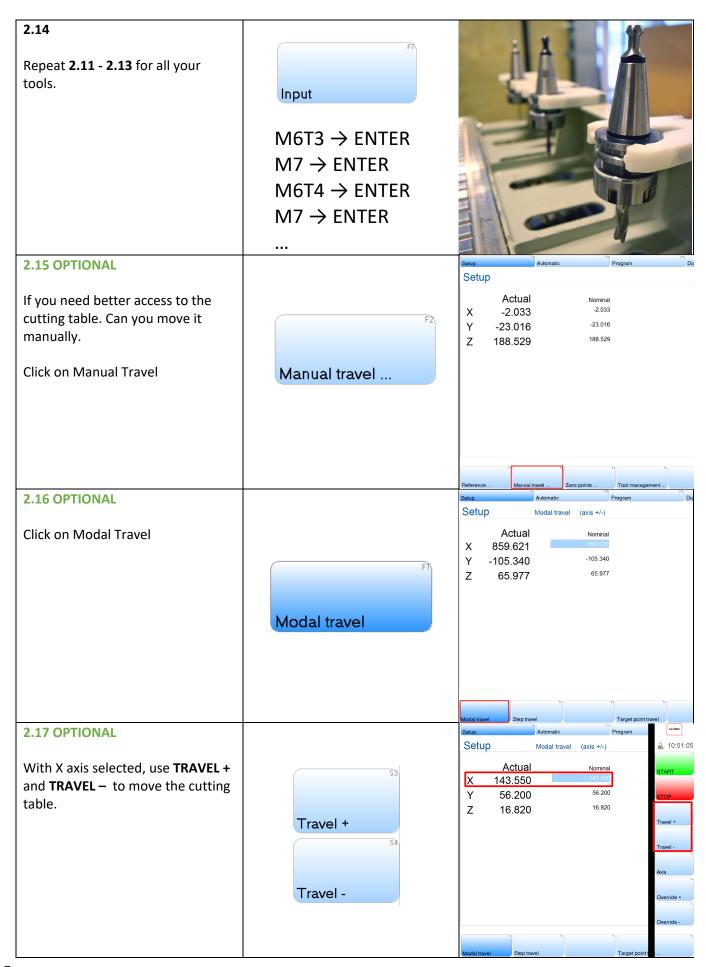
Start the computer, and follow these instructions.



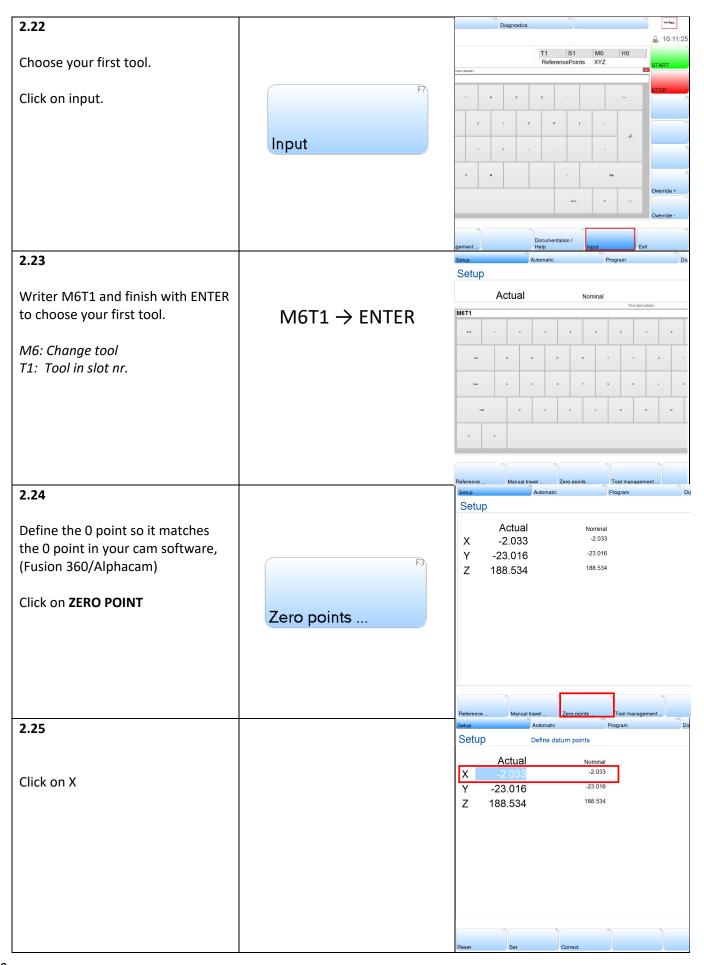




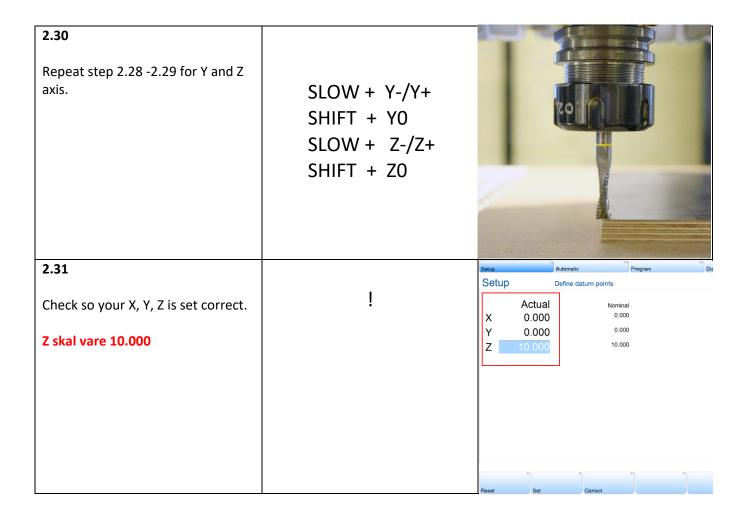




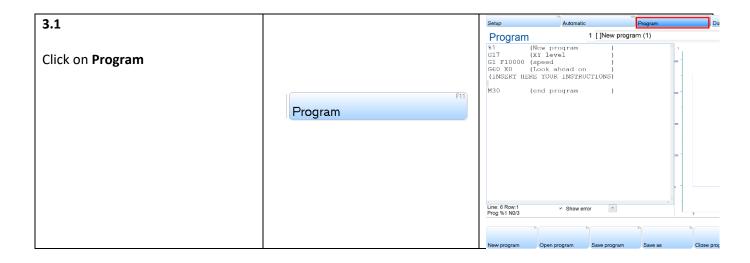
2.18	
Place the seal gasket around the vacuum holes in the size of your item. Make sure it is completely closed.	
2.19	
Place a " sacrifice board"	
(Must be in MDF if you want to pull vacuum through)	
Place your stock materiale on top of the "sacrifice board"	
Push the foot pedal to start the vacuum.	

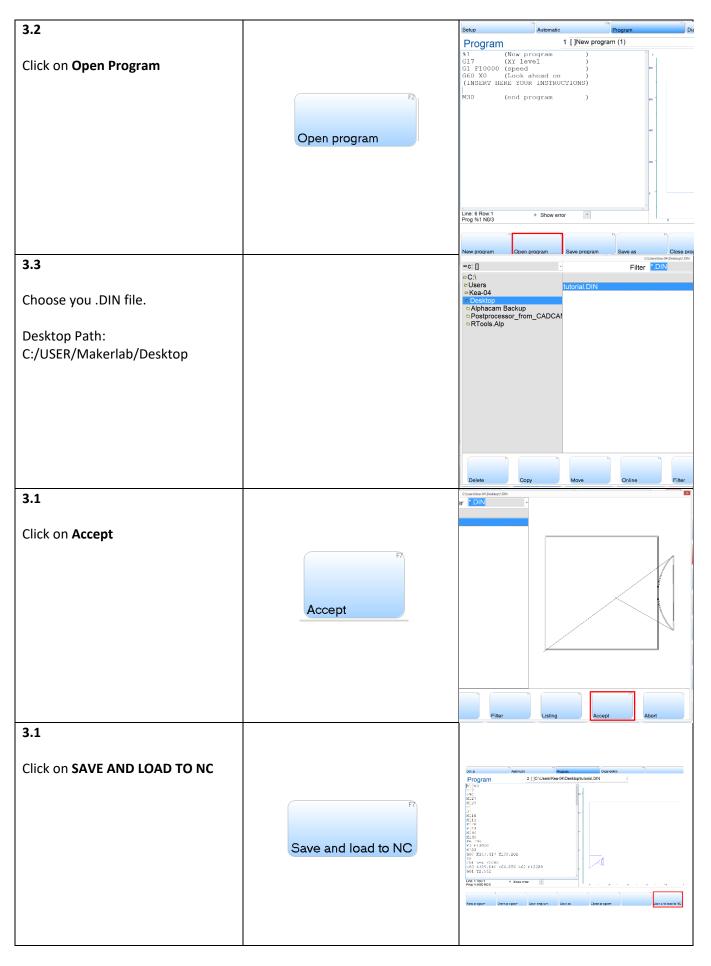


2.26 A 10:27:08 T1 S1 M0 ReferencePoints XYZ Click on Plus or Minus. NCR idle Travel + 0 Override [%] 75 Travel -2.27 Repeat step 2.25 - 2.26 for the Y and Z axis. 2.28 Fine tune 0 point. Take the hand controller form the machine. Up/Down Press and hold the **SLOW** button. Move the spindel to desired position by pressing the X- og X+. Buttons. 2.29 Saving the new 0 Point for X axis. Press and hold the **SHIFT** button. and then press the button X0. This will set current position to 0

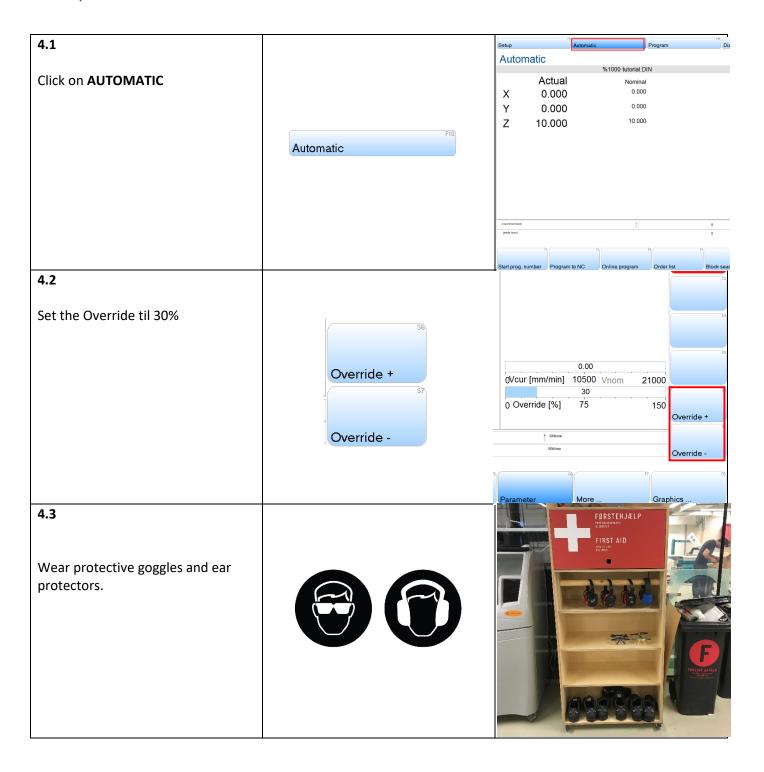


3: Import G-code file



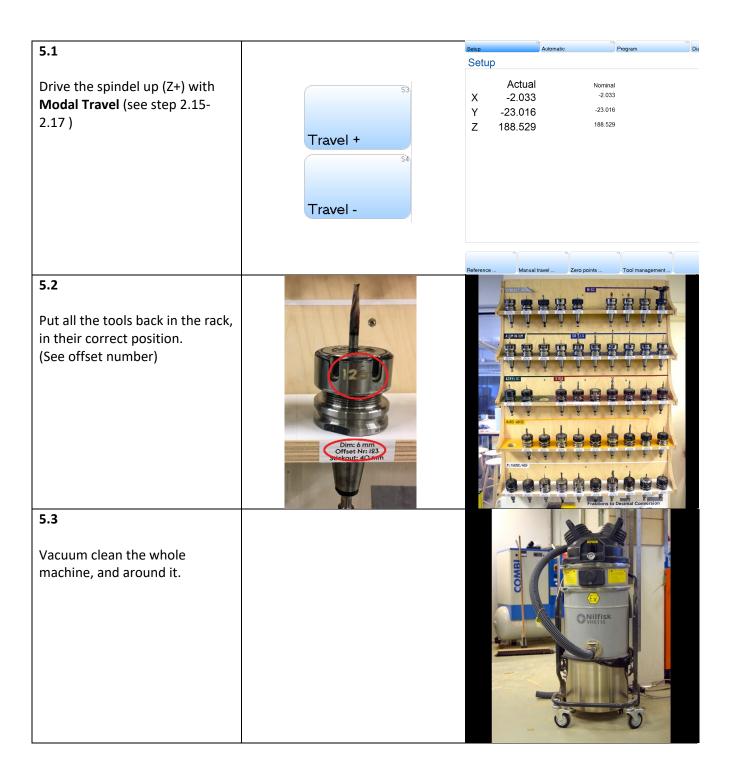


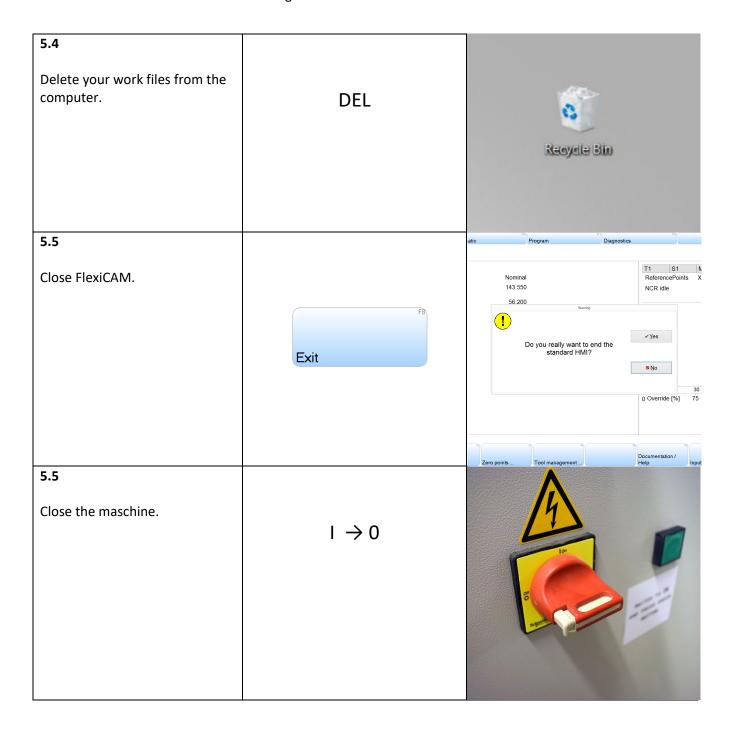
4: Run your file





5: Closing down and clean up:





6: Error, Problems and Solutions:

There may be various errors and problems when you need to start your job, therefore there are some solutions below to the most outstanding problems and errors.

FEJL/PROBLEM	FORKLARING	LØSNING
6.1 GRW Error 1.1.12 Download: configured device not found	Forgot to turn on the CNC.	See step 1.1 - 1.2
6.2 SPS Error 2.10.106 Return Waiting for Dust Collector Up Signal	Forgot turn on the "Pressure Air" switch.	See step 1.3 – 1.5
6.3 SPS Error 210.113 Light Barrier Not Active	Forgot to turn on the light barrier	See step 2.4
6.4 ??? Error 2.3.2311 No Reference Point	Forgot to set reference point.	See step 2.6 – 2.8
6.5 ZST Error 291108 PLG Report Emergency Stop	Someone has pressed Emergency Stop or turned off the machine but not FlexiCAM software.	Sluk maskinen, se punkt 5.5 Luk FlexiCAM, Tænd maskinen, se punkt 1.1 Åbne FlexiCAM, se punkt 2.2
CNC1 ZST Error 2.9.1120 Emergency stop signal present, program start not possible Z_ZST_FEHLER_HALT_E	License server is already running.	Click Quit.
Microsoft .NET Framework Unhandled exception has occurred in your application . If you click Continue . the application will ignore this error and attempt to continue . If you click Qut, the application will colese immediately. Only one usage of each socket address (protocol/network address/port) is normally permitted. Details Continue Qut	License server is already running.	Click Quit.

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6.5 Cannot Establish connection with Secure Server	License service is NOT running.	Restart license server, see step 2.2
6.5 Machine Validity Expired!	License service is NOT running.	Restart license server, see step 2.2