

## First Steps with your Secabo CIII vinyl cutter

### Installation Secabo FlexiStarter

Version 8.5 of the FlexiStarter cutting software is supplied with your Secabo vinyl cutter. To control the vinyl cutter with your PC, install the software as described below.

- Insert the FlexiStarter CD supplied.
- Select the desired language in setup and click *continue*.
- Read the software license agreement and accept.
- Follow the instructions of the installation assistant.
- Make sure that the *sentinel system driver* is also selected in the *choosing features window*.
- Enter your 32-digit password, you can find it on the back of the software cover.
- Select the desired language again.
- Wait until the installation process is finished and click finish.
- Plug the USB dongle (copy protection plug) supplied into the USB port (installation is accomplished automatically).

If you have a Flexi Starter Version with online activation, please refer to the manual supplied on the Secabo CIII CD.

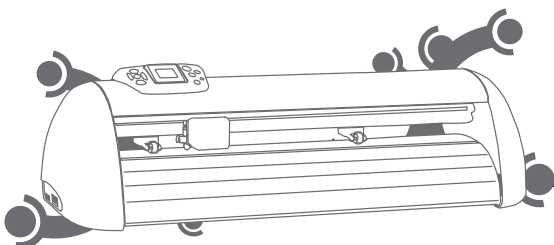
### Installation of the Secabo CIII with the installation assistant



- For the complete installation of your Secabo CIII vinyl cutter, you have to install FlexiSTARTER prior to this installation assistant.
  - Turn off the cutter and unplug the USB cable.
  - Insert the Secabo CIII-CD in your CD drive.
  - The setup program will start automatically.
- > if the setup refuses to start, run the setup.exe provided on the CD.
- The Secabo CIII installation assistant will be set up. Microsoft .NET 2.0 is needed on your system. If .NET 2.0 is not yet included in your Windows operating system, it will be installed automatically. You only need to accept the Microsoft license agreement.
  - The Secabo CIII installation assistant starts automatically. Follow accurately the instructions of the assistant and in 5 easy to do steps, your Secabo CIII vinyl cutter will be installed and ready to use.

### Manual installation of the USB driver



If it is not possible to execute the installation assistant on your PC, you can install the USB driver manual. Follow the instructions below.

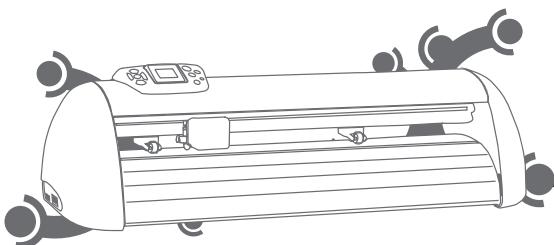
- Please install the USB drivers before connecting the plotter with the PC.
- Insert the Secabo CIII-CD in your CD drive.
- Run the CIII-USB-driver.exe provided on the CD.
- Click *install*.



- If test not passed appears, click *continue installation*.  
(This warning may appear several times.)
- When *driver install success* or *driver successfully pre-installed* appears, you can connect the vinyl cutter to your PC.
- The Windows hardware assistant appears.
- Choose: *No, not this time*, press *continue*.
- Choose: *install software automatically*, press *continue*.
- If test not passed appears, click *continue installation*.
- Click *finish*.
- Press (Windows+Pause).  +   
Select the tab "Hardware". Click on "Device Manager". Check the port number of your Secabo CIII under Ports(COM and LPT). Make a note of the number (e.g. COM1).
- If the Port Number is greater than COM9. You have to change it to a Port from COM1 to COM9.

## The first cut job

- Open the *FlexiStarter* cutting software.
- Select *Preferences* from the *Edit* menu.
- Select the *Tools* tab and click *Cut/Plot*.
- Uncheck the checkbox *Connect to local Production Manager using TCP/IP*.  
Click the *OK* button.
- Create your inscription or graphic and click *cut/plot* in the file menu or on the symbol 
- The *Choose Production Manager* Window appears.  
Select *On this PC (local)* Press *OK*.
- Wait until the Production Manager has started.
- Select your Secabo vinyl cutter model *C30III*, *C60III* or *C120III*.
- Choose as connection to the PC, the COM Port you have noted. (see USB driver installation)
- If you can't find the COM port, which you have noted, you have to reboot your system.
- The Window *Cut/Plot* appears, click on *Properties*.
- The Windows *Default Job Properties* appears.
- Select the 3. tab 
- Activate *Knife offset* and enter a value between 0,020cm and 0,033 cm.  
The exact value differs from knife to knife.
- Click *OK* and Click *Send* in the *Cut/Plot* Window.
- The Cutting Process starts.



## Troubleshooting

Vinyl cutter terminates job with pause on display and does not react when buttons are pressed.

In this case, it is necessary to restart the vinyl cutter to eliminate the error.

Possible causes:

- > Job transferred in wrong format (too large).
- > Settings changed during transfer operation.
- > Plotter set to pause during cutting operation to change contact pressure or speed.

Jobs are always output too large:

Possible causes:

- > Resolution incorrectly adjusted (steps in mm) the correct value is 40.000 steps/mm
- > Output size greater than 100%.

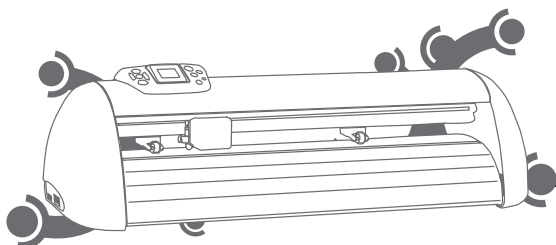
An imported job (EPS) is plotted a number of times at the same position.

Possible causes:

- > File may be corrupted and should be checked. Straight lines are cut zigzag

Possible causes:

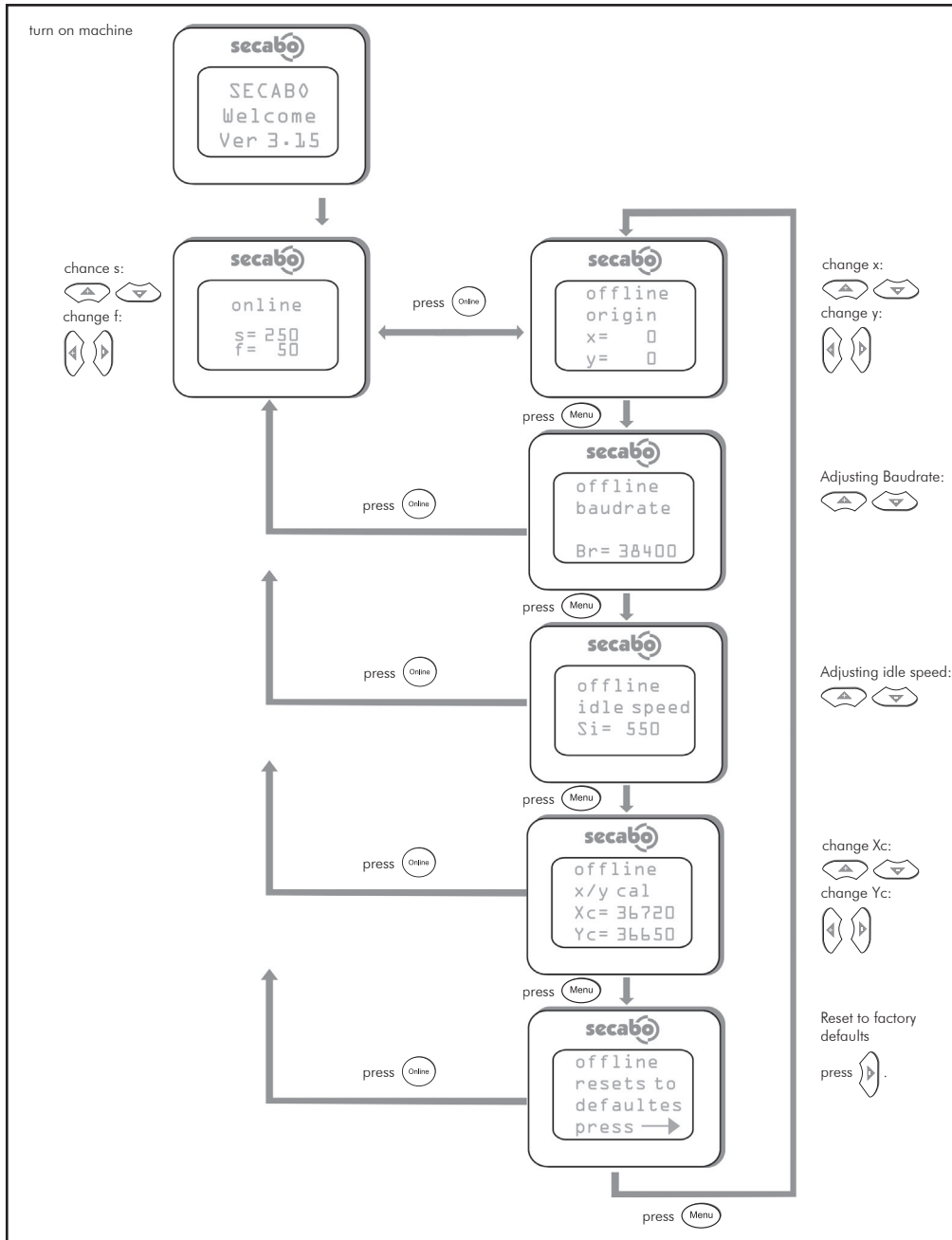
- > Blade adjustment and/or contact pressure incorrect and should be checked.



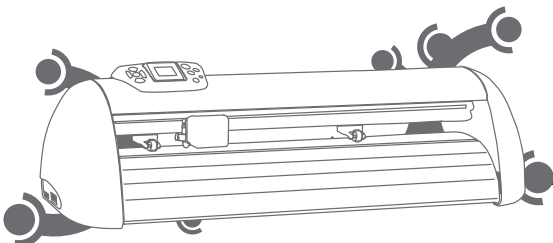
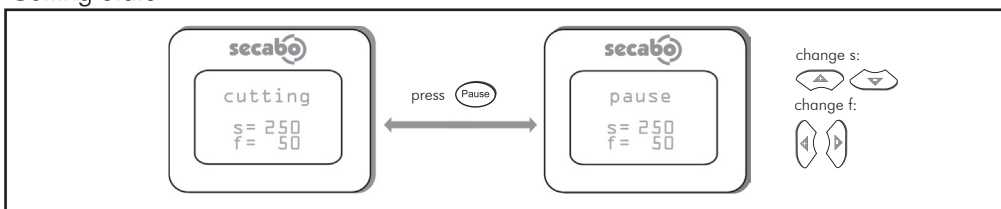
## Machine Operation

The following figure shows the menu of the Secabo CIII vinyl cutter. A detailed description of every point can be found on the following page.

### Idle State




### Cutting State









### Online and Offline Mode


After switching on the machine, you will notice a Welcome screen for about 3 seconds with your current firmware version. The machine is reset and switches into online mode. By pressing the  button on the control panel, you can switch between online and offline mode. During cutting the machine is always set to online mode. You can adjust downforce and cutting speed while in online mode. For basic settings and setting the origin, the machine must be switched into offline mode.



### Adjust speed and downforce







While in online mode you can adjust the following settings

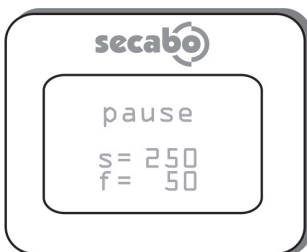
-  Increase speed
-  Decrease speed
-  Increase downforce
-  Decrease downforce

To change the cutting speed and the downforce during a cutting job, press the  button.





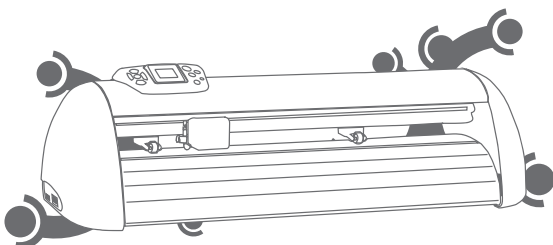
### Setting the origin

While in offline mode, the arrow keys  can be used to move the cutting head  and  and the vinyl  and . The display shows the corresponding X and Y coordinates. In order to set the correct origin, move the cutting head to the lower right corner of the vinyl. Then press the  button to confirm the origin.



### Pause



To pause a cutting job just press the  button. The cutting job will continue when pressing the  button again.



## Basic machine settings



### Adjust the baud rate

With the  and  buttons you can adjust the machine's baud rate. The baud rate must correspond to the setting on your computer for the selected port. A baud rate of 38400 is recommended.



### Adjust idle speed

The speed of the cutting head while in the up position can be adjusted here



### Calibrating the axis

This mode enables you to calibrate the X and Y axis of the machine. This is only required, if the output is not correctly sized.



### Reset

By pressing the  button the vinyl cutter will be reset to factory defaults.

