

Documentation Printing with Win10 Driver from version V280

1.	Installation	2
1.1.	Installation with installer	2
1.2.	Installation with .inf file	9
2.	Drucken	10
2.1.	Formulare Anlegen	10
2.2.	Printing on endless paper:	12
2.3.	Printing Tickets or Labels	13
2.4.	Fixed page sizes	14
3.	Advanced properties	15
3.1.	Paper/Output	15
3.2.	Document options	15
3.3.	Printer Features	16
3.3.1.	Speed	16
3.3.2.	Density	17
3.3.3.	Document Start	18
3.3.4.	Page Start	18
3.3.5.	Page End	19
3.3.6.	Document End	19
3.3.7.	Paper End Condition (in Development)	20

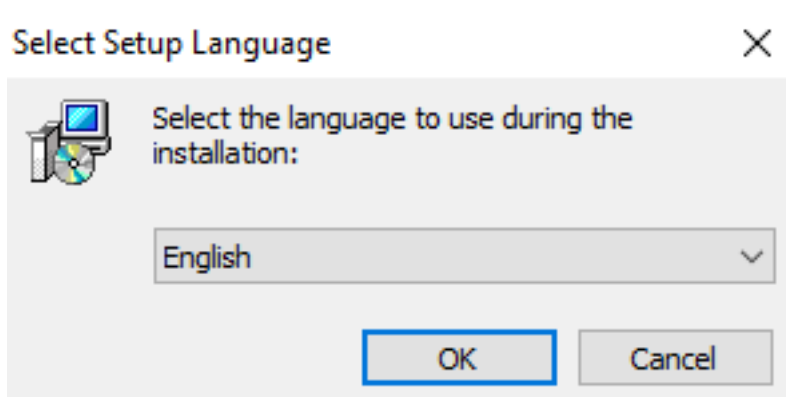
1. Installation

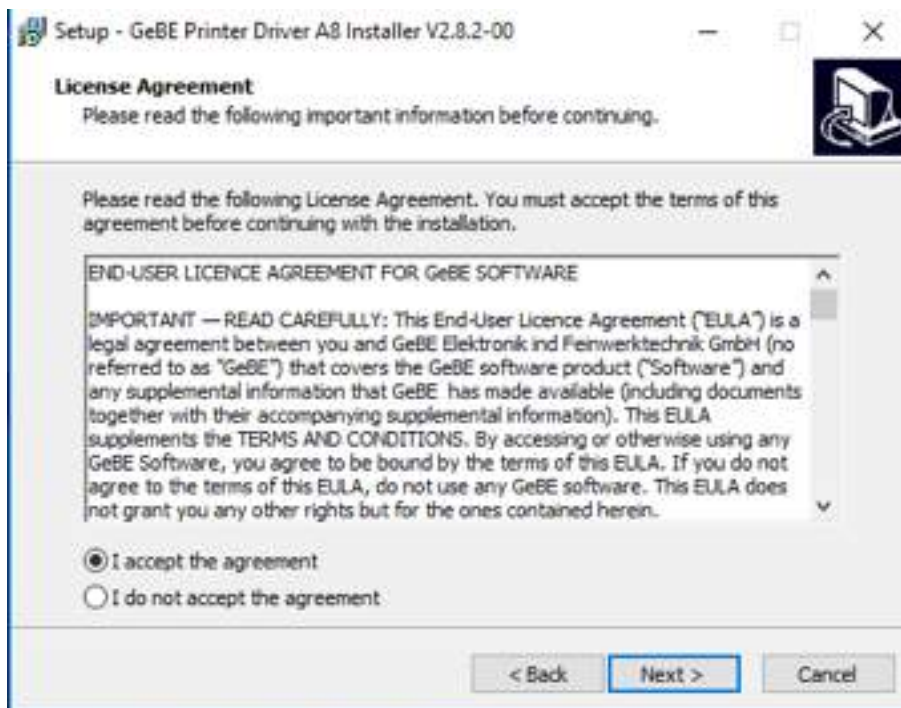
1.1. Installation with installer

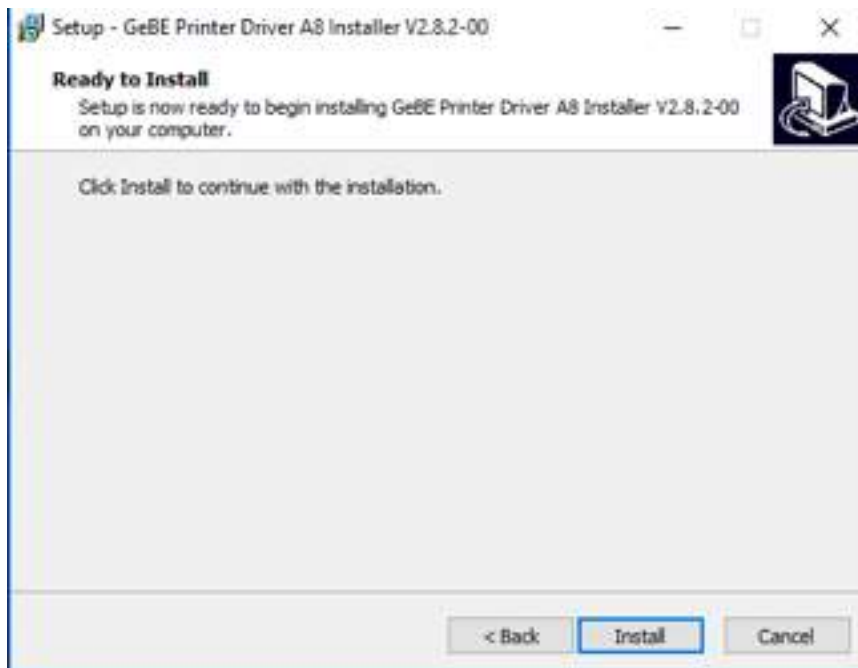
Double click on file GSO-DRV-WIN10_Vxxx .exe and this prompt will show:



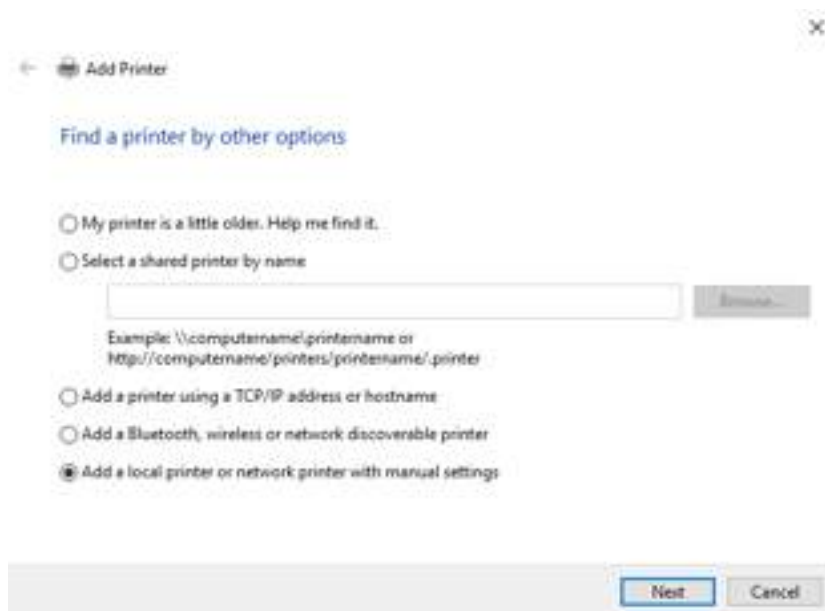
Confirm with „YES“ and select language:



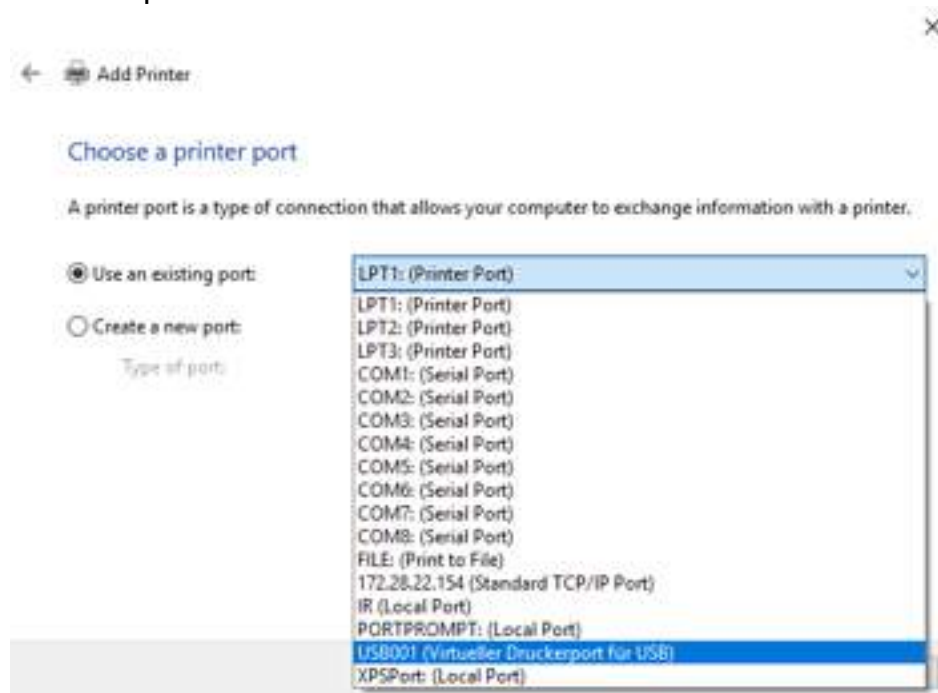




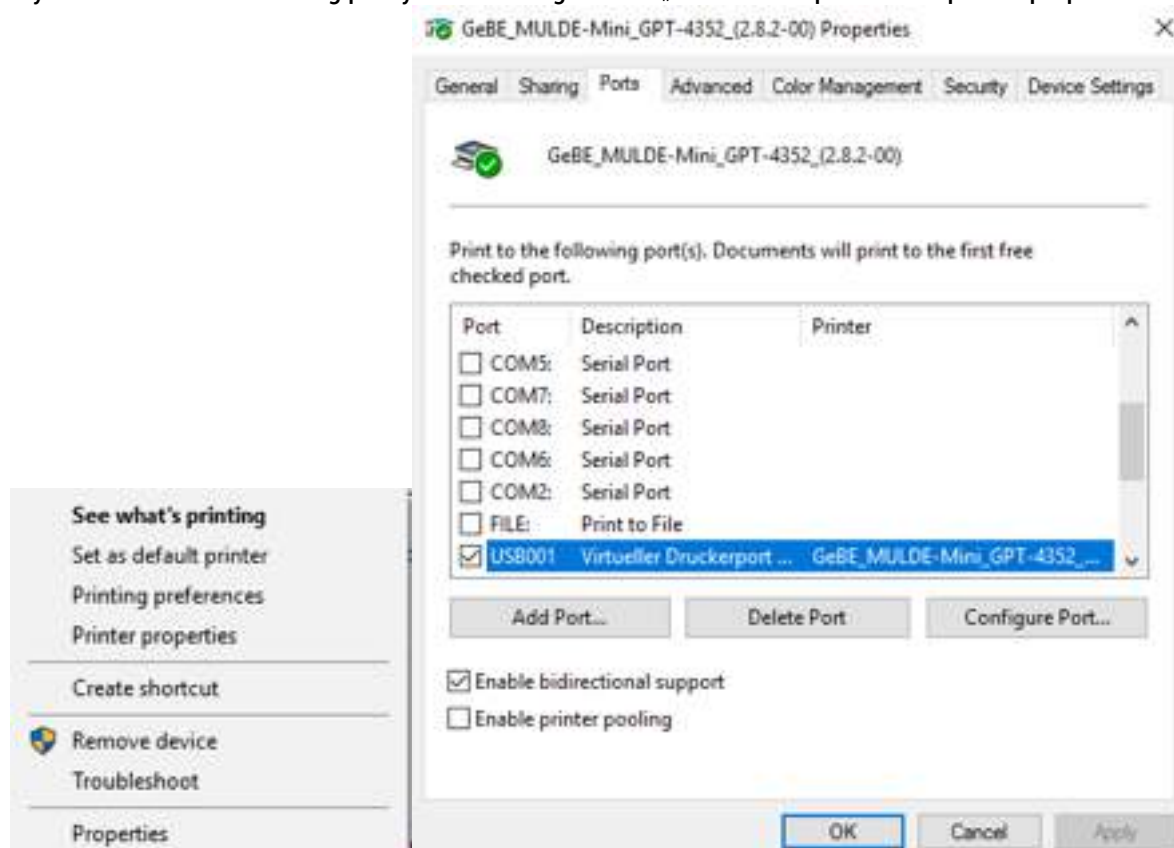
Add local printer:



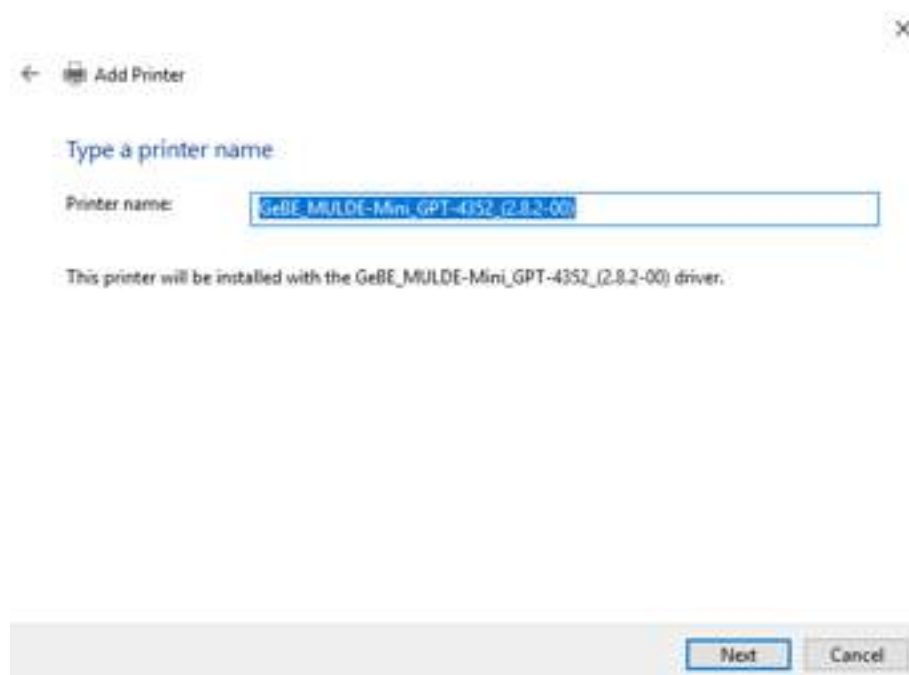
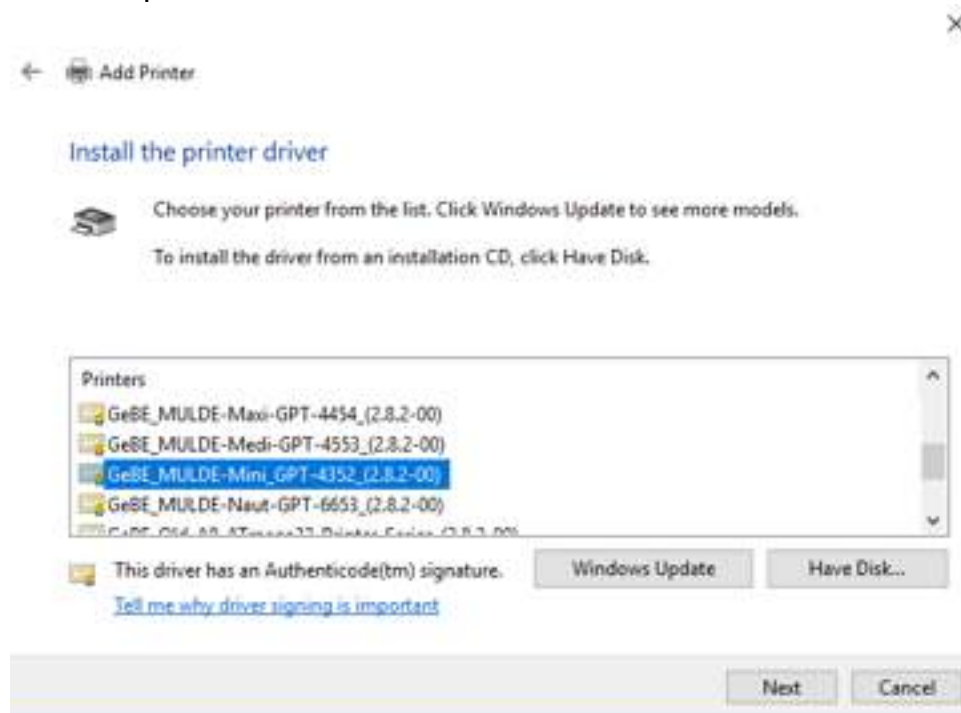
Choose the port:

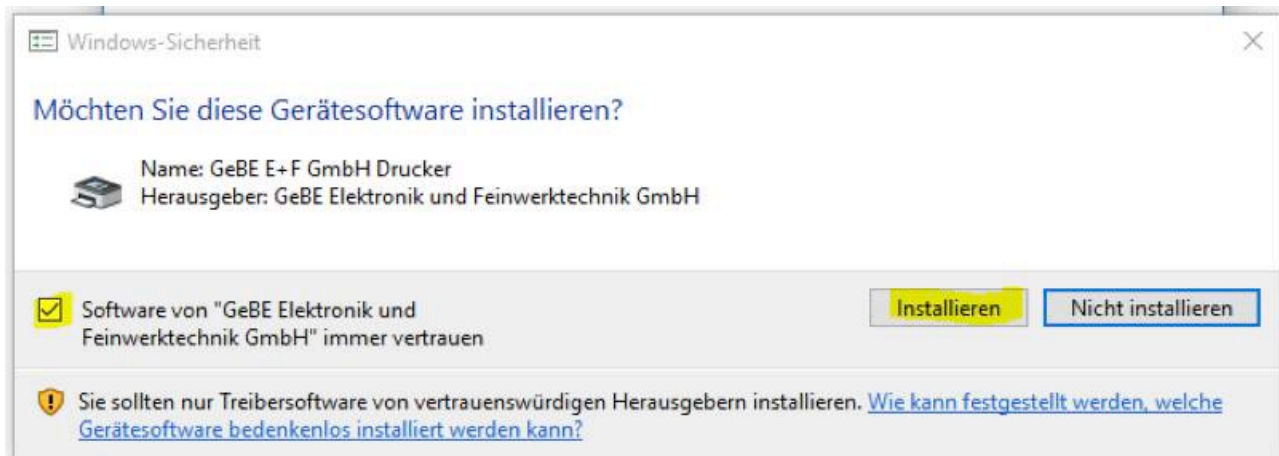


If you have chosen the wrong port you can change this in „Devices and printers“ at printer properties -> ports

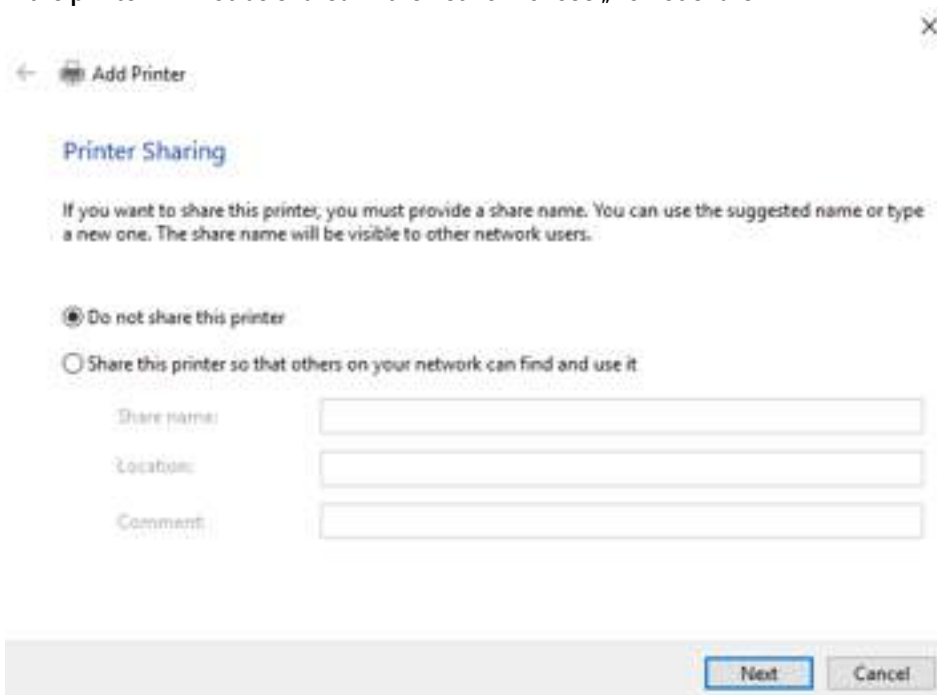


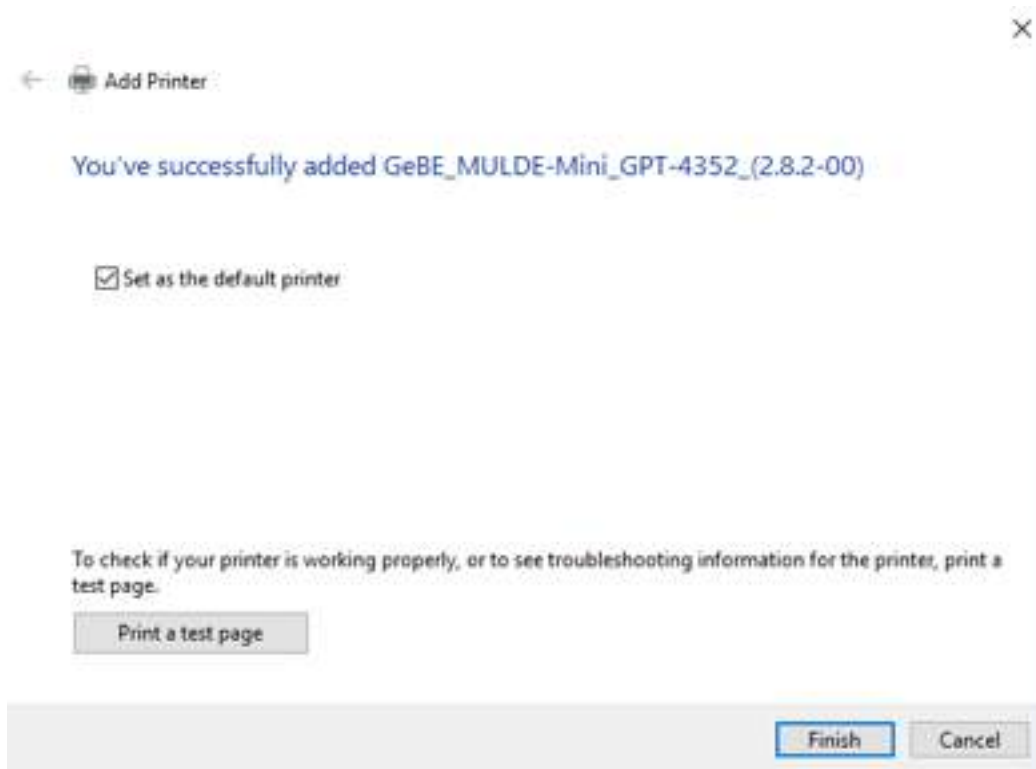
Choose the printer device:





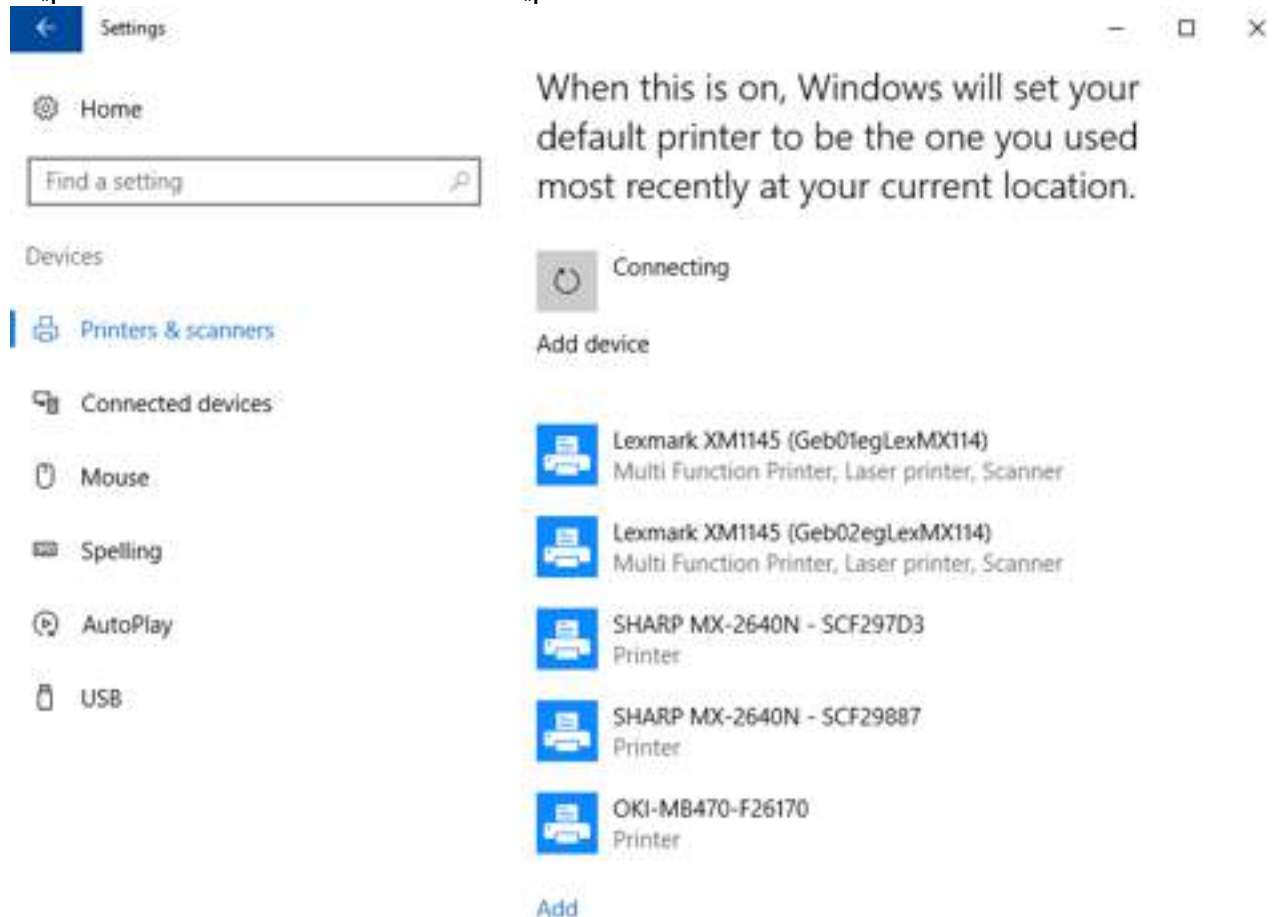
If the printer will not be shared in the network chose „Do not share“





1.2. Installation with .inf file

At „printers & scanners“ click add and chose „printer is not listed“.



Install with the .inf file.

2. Drucken

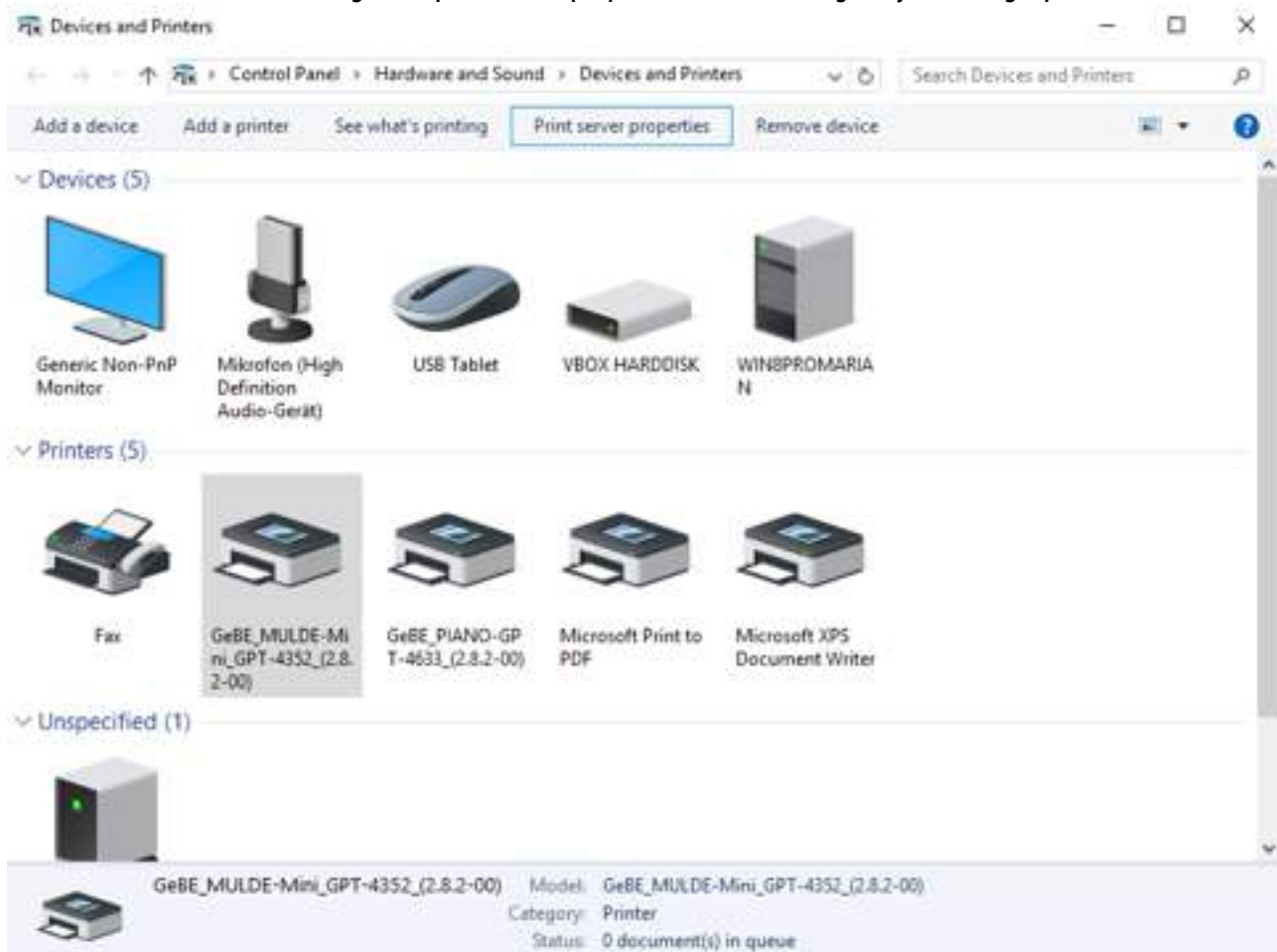
2.1. Formulare Anlegen

Change product key or upgrade your edition of Windows

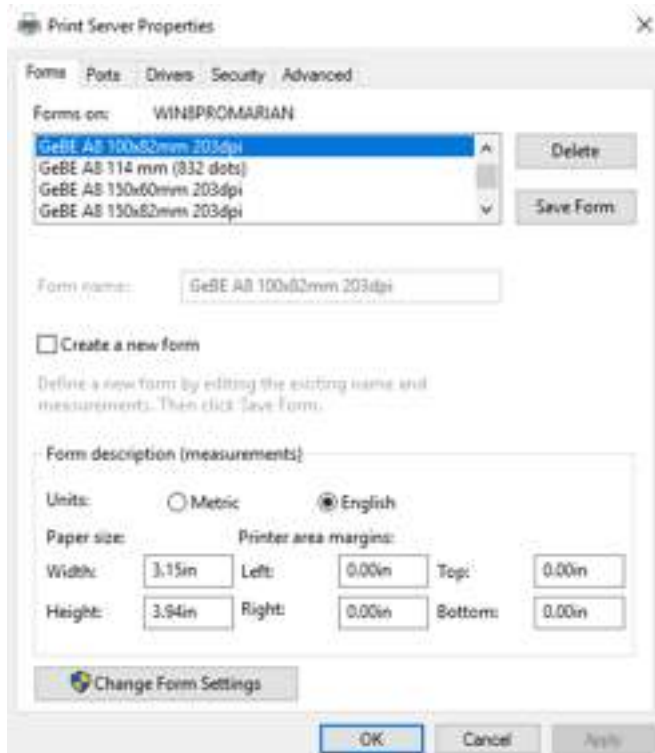
[Additional resolution settings](#)

[Devices and printers](#)

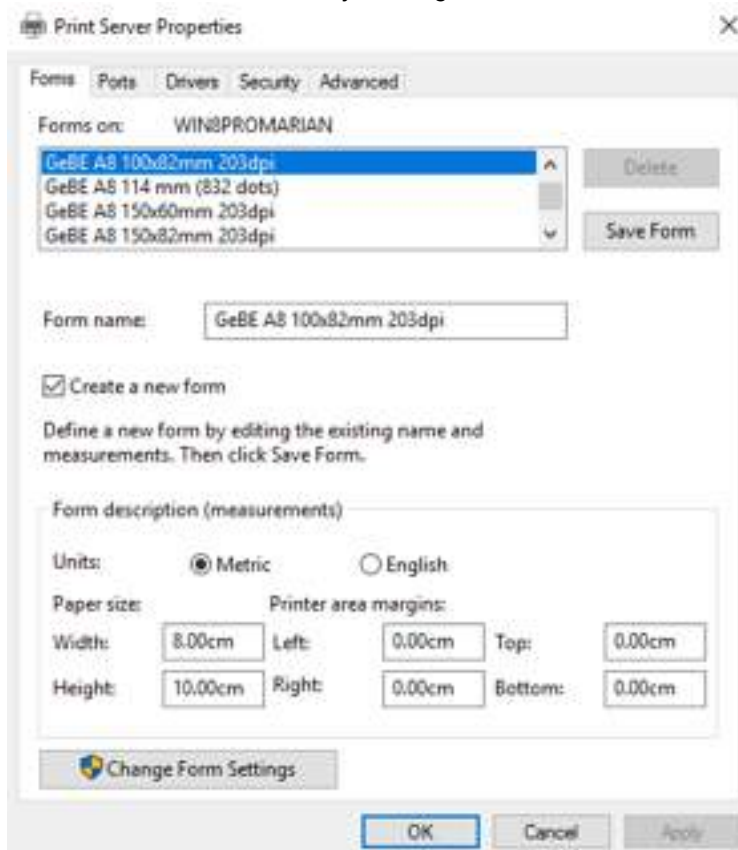
At „additional resolution settings“ the print server properties can be changed by selecting a printer.



At „GeBE...“ there are preselected paper sizes for the installed printer. The max. print width is selected as standard but the height can be changed according to the ticket. For endless rolls there is the option with a 50.5cm ticket -> see Printing on endless paper

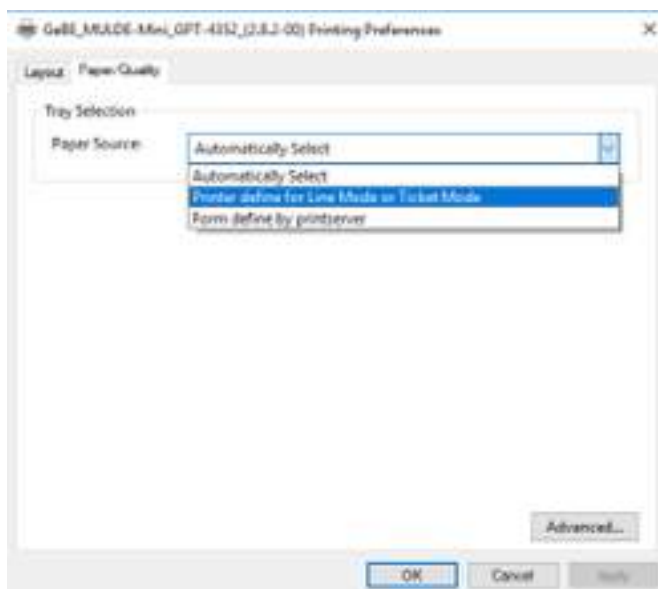


You can add custom tickets by clicking create a new form



2.2. Printing on endless paper:

Chose the page setting form z.B. 48mm (348 dots). This form is 50cm by default



At tray selection / Paper Source choose „Printer define for Line Mode or Ticket Mode“ to clip empty graphic lines at the end of the printout.

In order to do so some printer parameters have to be changed as well. This can be done best with the GeBE printer toolbox.

For A8 system:

Parameter 16 and 20 have to be changed. Parameter 16 tells the feed in mm after the print job. For printer models with a cutter the recommended value is 1 , for devices without 10.

Parameter 20, Bit 0 has to be „0“.



For C32 system:

Change the value of Module 18,12 to „F“ and clicik „Programm+Activate the printer direct“.



2.3. Printing Tickets or Labels

At first create a form suitable for the ticket / label which is used. GeBE standard tickets and -Labels are already set as default. This setting is to allow 3rd party applications such as Word, Notepad etc. to edit the content to the right paper size. NOTE: THIS DOES NOT DIRECTLY AFFECT THE PRINTING ON TICKETS / LABELS

To print on Ticket/Label choose „Printer define for Line Mode or Ticket Mode“ at paper source. This setting will include a form feed at the end to go to the next mark.

However the printer parameters have to be set accordingly.

For A8 system:

Parameter 16 und 20 have to be changed.

Parameter 16 sets the maximum ticket length, searching for the next blackmark from the beginning of the print-out to maximum the length given in Parameter 16. It is recommended to set the value larger than the actual ticket or to the maximum of 255.

Parameter 20, Bit 0 has to be „1“ to enable ticket/label mode with the right sensor. In case it is supposed to be the Paper End Sensor as used in the series MULDE Mini or Maxi no other bit needs to be activated. For the series COMPACT, MOTION, COMPACT Plus and PIANO set Aux1 on Bit 1. For gap control as often used for labels use the MUDLE settings.



For C32 system:

Change Module 18,12 to the value „T“ and click „Program + Activate the Parameter direct“.

The screenshot shows a dialog box titled "SettingsParameter" with a close button (X) in the top right corner. The dialog contains the following fields and buttons:

- Module-Name:** 18,12
- Comment:** EEPROM-Value: defined
- Flags:** u_a: User configuration, changes may be activated during operation
- EEPROM-Value(old):** T
- EEPROM-Value:** T
- Buttons:** Program the Parameter direct, Program+Activate the Parameter direct, Erase Value
- RAM-Value:** T
- Buttons:** Activate the Parameter direct
- EEPROM-Factory-Value:** F
- Buttons:** Program the Parameter direct
- Help-Text:** T: Ticket length control enabled / 0: Ticket length control disabled
- Firmware-Value:** F
- Buttons:** OK, Cancel

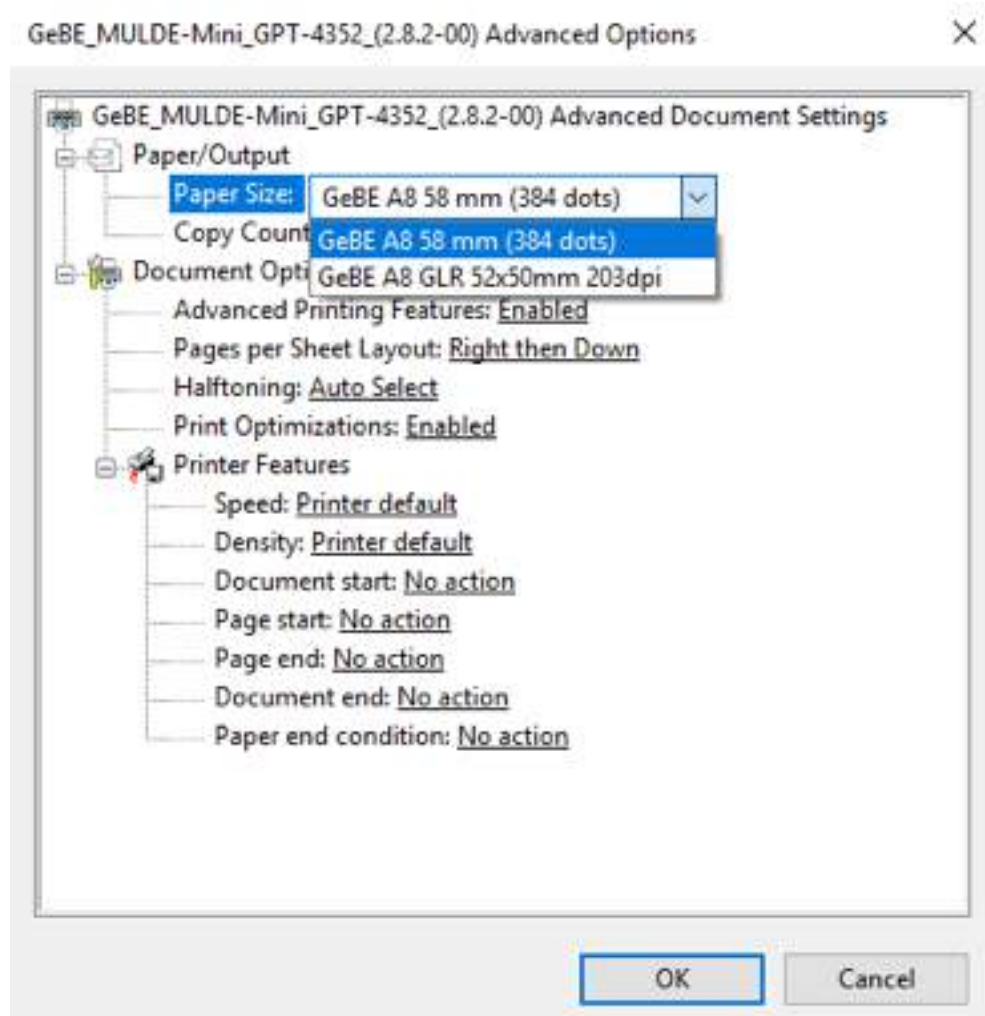
2.4. Fixed page sizes

If a fixed page size from the form settings is desired without using black marks or gaps choose „Form define by printserver“. There are no further commands to be changed in the printer.

3. Advanced properties

3.1. Paper/Output

This is where the different forms from the printer server are loaded. In the installation process the standard sizes for the printer are already pre-set. The first preset is usually the one for endless printing and if it is for a ticket/label (here 52x50mm) the page set to that size.



3.2. Document options

Advanced printer features: Activate Printer Features. See 3.3

Pages per sheet: Windows standard

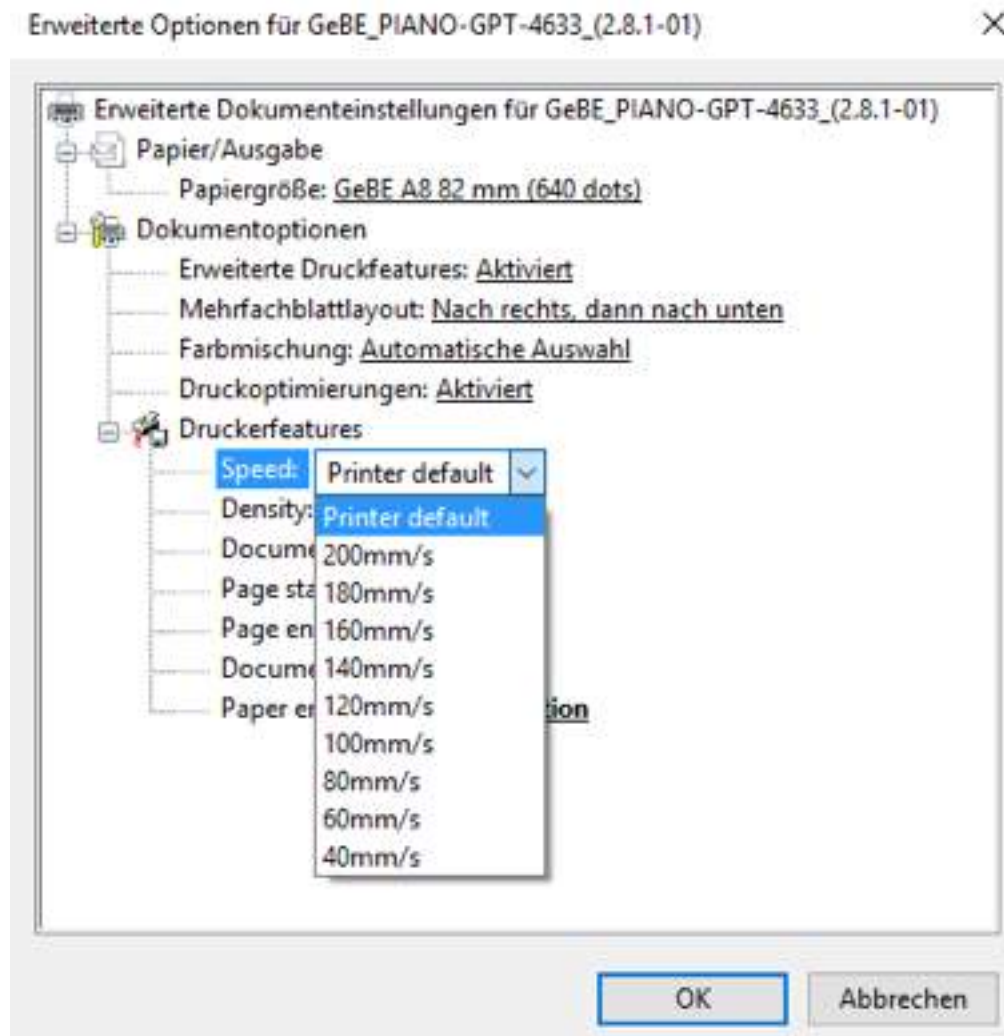
Halftoning: Different halftoning modes for (full color) graphics to render into greyscale. Super Cell is best for full graphic elements.

Print optimizations: Activate loss free compression modes for faster data transfer.

3.3. Printer Features

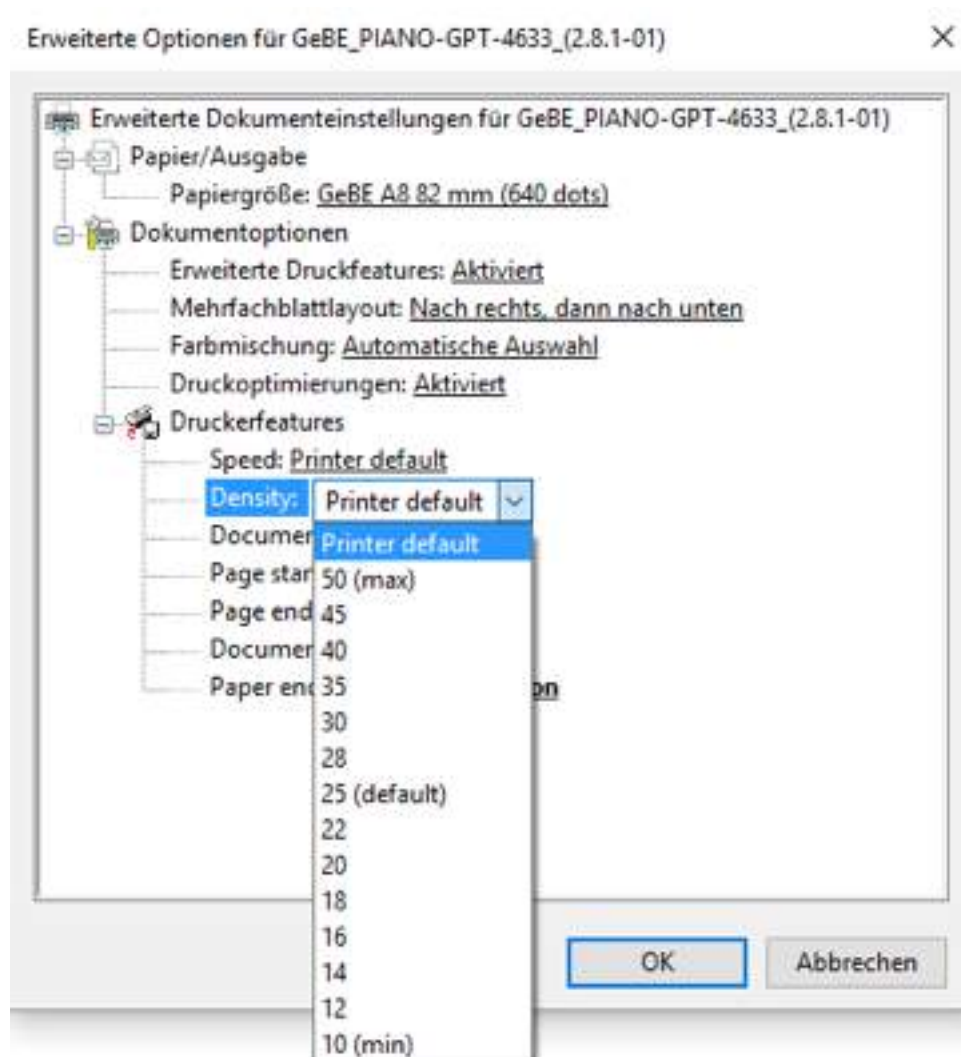
3.3.1. Speed

Sets the print speed. „Printer Default“ is the preset of the value given by the user settings in the firmware and is the recommended option.



3.3.2.Density

Set printing density. „Printer Default“ is the preset of the value given by the user settings in the firmware and is the recommended option. Note: High values decrease the lifetime of the device. See Paper Specification for further detail-



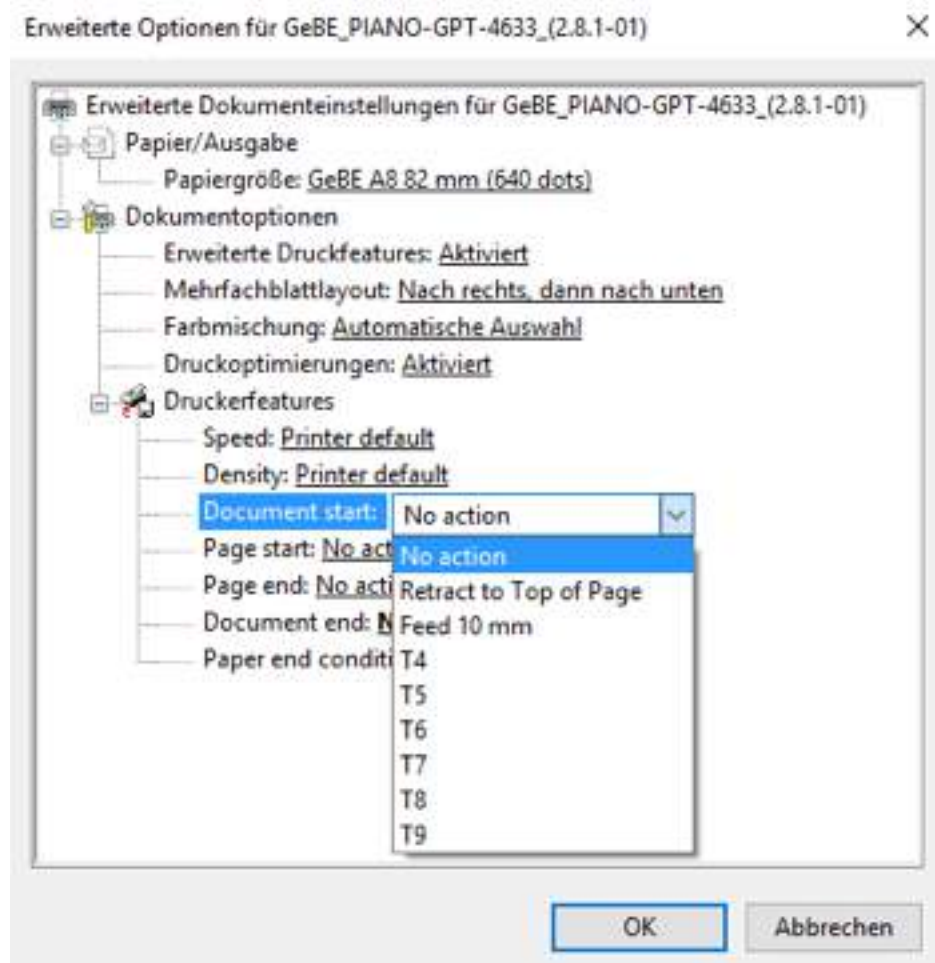
3.3.3.Document Start

Sets actions at start of print job. Usually no actions are needed.

Top of Page is not necessary if the ticket is finished with an EoT (standard setting),

Feed 10 mm is a feed of 10 mm prior the first page.

T<n> calls a batch file from the printer's font file. This can be used for user specific actions such as printing a customer's logo always on top.

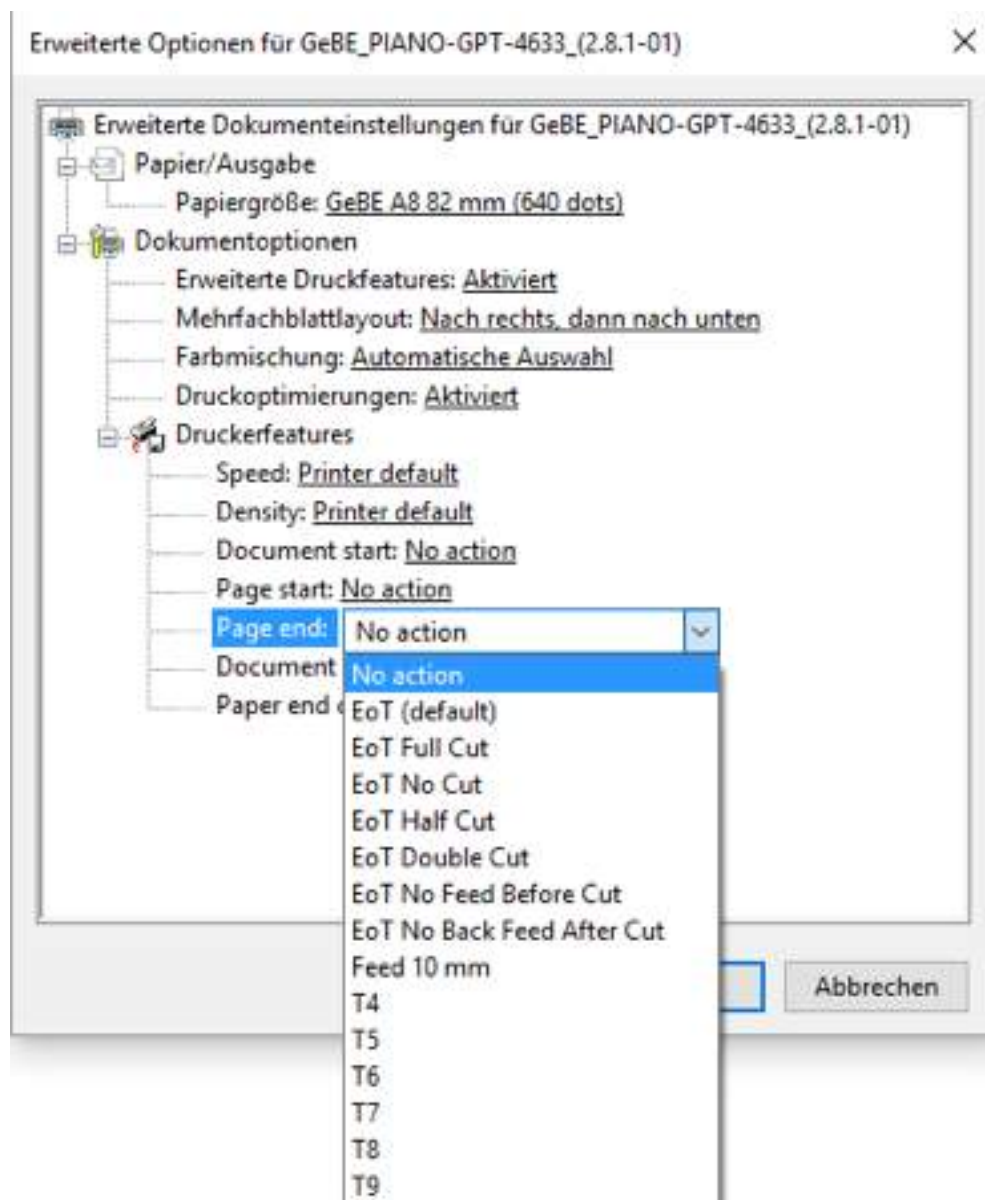


3.3.4.Page Start

Same as document start but calls the action prior every page.

3.3.5. Page End

Set the action at page end. EoT 8(default) calls the action set in the firmware's user settings. Other commands will overwrite these settings temporarily. For more information see SoMAN-System-A8



3.3.6. Document End

Same as page end but call the action after the last page at the job end. Example group tickets: to speed up the process of printing multiple tickets the preset at page end is „No Action“ and at document end „EoT (default)“.

3.3.7. Paper End Condition (*in Development*)

Sets behavior at paper end during a print job. For further details see SoMAN-System-A8

Short summary:

No Action: prints the rest of the document at Papier OK.

Cancel Ticket: erases all remaining data from the queue.

Feed Out: Feed out the remaining paper.

Cut: sends a cut command.

Invalid: retracts the already printed paper and prints a pattern over to invalidate the printout.

