CBM Windows Driver Guide

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2. Operation Systems

CBM drivers are designed to work with the following operation systems: Microsoft Windows 2000 Microsoft Windows XP Microsoft Windows Server 2003

3. Printer Models

The following CBM printers are supported by the drivers: CBM-1000II CT-S300 PPU-700

4. Installing the driver

These instructions use Windows XP as the example operating system. Windows 2000 and Windows Server 2003 are similar. Significant differences are noted.

Unzip the CBMDriver.zip file and a CBMDrivers directory will be created. For Windows XP open the "Printer and Faxes" on the "Start" menu. For Windows 2000 and Server 2003 open "Start->Settings->Printers".



🝓 Printers and Faxes <u>File E</u>dit <u>View Favorites Tools H</u>elp 🔇 Back 👻 🕥 👻 🏂 🔎 Search 🕞 Folders 🔢 🗸 Address 🍓 Printers and Faxes 🖌 🄁 Go 🛛 Links 🎽 Printer Tasks 🔯 Add a printer ۲ See Also ? Troubleshoot printing Ø Get help with printing * Other Places 🚱 Control Panel 0 objects Add Printer Wizard Welcome to the Add Printer Wizard This wizard helps you install a printer or make printer connections. If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1334, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you. To continue, click Next. Cancel <u>N</u>ext> Add Printer Wizard Local or Network Printer The wizard needs to know which type of printer to set up. Ø Select the option that describes the printer you want to use: Ocal printer attached to this computer Automatically detect and install my Plug and Play printer O A network printer, or a printer attached to another computer To set up a network printer that is not attached to a print server, use the "Local printer" option. <u>N</u>ext> Cancel < <u>B</u>ack

Then select the Add printer wizard

Press "Next" on the information dialog

Uncheck the "Automatic detect and install my Plug and Play printer", then press "Next"

Selec	
С	at a Printer Port omputers communicate with printers through ports.
Sine	elect the port you want your printer to use. If the port is not listed, you can create a ew port.
0) Use the following port: LPT1: (Recommended Printer Port)
	Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:
C) <u>Create a new port</u> Type of port: Local Port
	< Back Next > Cancel
dd Pri	nter Wizard
Insta	Il Printer Software
Т	he manufacturer and model determine which printer software to use.
T	An Intel Software to use. Ne manufacturer and model determine which printer software to use. Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
T	Select the manufacturer and model determine which printer software to use. Select the manufacturer and model of your printer. If your printer came with an installation disk, click. Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
T Manuf Agfa Alps	Select the manufacturer and model determine which printer software to use. Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
T Manuf Agfa Alps Apollo Apple	Select the manufacturer and model determine which printer software to use. Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manuf Agfa Alps Apollo Apple Apple	Select the manufacturer and model determine which printer software to use. Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manuf Agfa Alps Apollo Apple Apple This Tell	Select the manufacturer and model determine which printer software to use. Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software. acturer Printers AGFAAccuSet v52.3 AGFAAccuSet 800 S AGFAAccuSe



Select the correct port for your printer.

Press the "Have Disk Button"

Press the "Browse" button and select the directory that you unzipped the drivers into. Then press "OK" Select the driver for your printer and press "Next"

Add Printer Wizard	
Install Printer Software The manufacturer and model determine wi	hich printer software to use.
Select the manufacturer and model of y disk, click Have Disk. If your printer is n compatible printer software.	our printer. If your printer came with an installation tot listed, consult your printer documentation for
Printers	
CBM CBM1000 Type II CBM CT-S300 CBM PPU-700	
A This driver is not digitally signed! Tell me why driver signing is important	Windows Update Have Disk
	< <u>B</u> ack Next > Cancel

Add Printer Wizard
Name Your Printer You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Pinter name: EBM CT*S301
< Back Next > Cancel

Add Printer Wizard
Print Test Page To confirm that the printer is installed properly, you can print a test page.
Doyou want to print a test page? ● Yes ● No
<back next=""> Cancel</back>

Type in the name for the printer and press "Next"

Press "Next" to have a test page printed

Add Printer Wizard		
	Completing the Add Printer Wizard	
	You have suc You specified	ccessfully completed the Add Printer Wizard. I the following printer settings:
	Name: Share name:	CBM CT-S300 <not shared=""></not>
	Port:	LPT1:
	Model:	CBM CT-S300
	Default:	Yes
	Test page:	Yes
	To close this	wizard, click Finish.
<u>Eack</u> Finish Cancel		



Press "Finish"

5. DIP/Memory switch setting of printer and port settings of Windows

The printer drivers are designed to work with the factory default settings for the printer. To set the printer to the factory default settings please check the printer's users manual. If you are having trouble with a serial port printer (RS-232) please refer to appendix A.

6. Using the printer

6.1 Printer User Interface

Press Continue Anyway

Follow the steps bellow to access the custom part of the user interface for the CBM printers:

Select the printer properties for the printer driver by right clicking on the printer icon.



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File Edit View Favorites Tools	Help 🥂
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Address 🦦 Printers and Faxes	💙 🄁 Go 🛛 Links 🎽
Printer Tasks ▲ Image: Add a printer Image: Add a printer Image: Add a printer Image: Add a printer Image: Pause printing Image: Pause printer Image: Pause printer Image: Pause printer Image: Pause printer properties Image: Pause Pause printer Image: Pause Pau	CEM CT-5300 Ready Open Printing Preferences Pause Printing Sharing Use Printer Offline Create Shortcut Delete Rename Properties
Bisplays the properties of the selected it	items.

CBM CT-S300 Properties	? 🛛	
General Sharing Ports Advan	ced Device Settings	
СВМ СТ-5300		
Location:		
Comment		
Model: CBM CT-S300		
Features		
Color: No	Paper available:	
Double-sided: No	Receipt length 80x3276mm 48c 📐	
Staple: No		
Speed: Unknown		
Maximum resolution: 203 dpi		
Printing	Preferences Print <u>T</u> est Page	
	OK Cancel Apply	

SBM CT-S300 Printing Preferences	? 🗙
Layout Paper/Quality Orientation Pogtrait Landscape Page Order Front to Back Back to Front Pages Per Sheet: 1	
Advan	ced
OK Cancel	Apply

Then press the "Advanced" button.



Buzzer: Specifies if the buzzer should be sounded at the beginning or end of the print job and how many times the printer beeps.

Bar Code Printing: Allows the user to change the default Human Readable Interpretation (HRI) positioning. The HRI can be added to the top, bottom or top and bottom of the bar code.

Logo Printing: Allows the user to select when and which logos should be printed.

6.2 Printer Fonts

The following printer fonts can be selected by using the Windows driver. Printing with the printer fonts is faster than printing with Windows TrueType fonts. We recommend using these printer fonts for faster printing.

All of the printer fonts support 12/24/36/48/60/72/80 font sizes. For the CBM-1000II, CT-S300 and PPU-700 the following fonts are supported:

Driver Font	Printer Font	Number of character per
		line (80mm/58mm)
15 cpi	А	48/32
15 cpi [Ext.]		
15 cpi [Euro]		
20 cpi	В	64/48
20 cpi [Ext.]		
20 cpi [Euro]		
25 cpi	С	72/48
25 cpi [Ext.]		/_/
25 cpi [Euro]		
7.5 cpi	A double wide	
7.5 cpi [Ext.]		
7.5 cpi [Euro]		
10 cpi	B double wide	
10 cpi [Ext.]		
10 cpi [Euro]		
12.5 cpi	C double wide	
12.5 cpi [Ext.]		
12.5 cpi [Euro]		
1.8 cpi	A quadruple wide	
1.8 cpi [Ext.]		
1.8 cpi [Euro]		
2.5 cpi	B quadruple wide	
2.5 cpi [Ext.]		
2.5 cpi [Euro]		
3 cpi	C quadruple wide	
3 cpi [Ext.]		
3 cpi [Euro]		
3.75 cpi	A 8 times wide	
3.75 cpi [Ext.]		
3.75 cpi [Euro]		
5 cpi	B 8 times wide	
5 cpi [Ext.]		
5 cpi [Euro]		
6.25 cpi	C 8 times wide	
6.25 cpi [Ext.]		
6.25 cpi [Euro]		

6.3 Bar Code Fonts

The driver supports printing of bar codes through the use of bar code fonts. The barcodes that are supported are:

Barcode font	Font size
Codabar	20/42/64/84
Code128	20/42/64/84
Code39	20/42/64/84
JAN13 (EAN)	20/42/64/84
JAN8 (EAN)	20/42/64/84
ITF	20/42/64/84
UPC-A	20/42/64/84
UPC-E	20/42/64/84

Notes:

* The size of the barcode can be selected by choosing the font size.

* HRI characters can be added by selecting in the UI or by using the control font.

* Each barcode has a limitation to how many characters it can use. Please refer to the user's manual for more details.

* Fonts will not be shown correctly on the computer.

Appendix A Serial Port Settings

The serial port settings on both the printer and Windows need to match. To check the current port settings on the printer please run a printer self test. The printer will run a self test by holding down the feed key while turning the printer on. To change the settings on the printer, please consult the printer's users manual. You can follow the steps below to change the port settings for the driver.

🝓 Printers and Faxes File Edit View Favorites Tools Help 🔇 Back 👻 💮 👻 🏂 🔎 Search 🕞 Folders 🛛 🞹 🗸 Address 🦦 Printers and Faxes 🔽 🔁 Go 🛛 Links 🎽 Printer Tasks 🔯 Add a printer Open 📓 See what's printing Printing Preferences... Select printing preferences Pause Printing Pause printing Sharing... 🚵 Share this printer Use Printer Offline Rename this printer 🗙 Delete this printer Create Shortcut Delete 🥁 Set printer properties Rename Properties * Other Places 杲 Displays the properties of the selected items State of the second sec **?** X General Sharing Ports Advanced Device Settings CBM CT-S300 1 Location Comment Model: CBM CT-S300 Features Color: No Paper available: Beceint length 80x3276mm 48c 📈 Double-sided: No Staple: No Speed: Unknown Maximum resolution: 203 dpi **?** 🗙 CBM CT-S300 Properties General Sharing Ports Advanced Device Settings CBM CT-S300 Print to the following port(s). Documents will print to the first free checked port. Port Description Printer ^ LPT2: Printer Port LPT3: Printer Port COM2: Serial Port COM3: Serial Port COM4: Serial Port COM1: Serial Port FILE: Print to File Generic / Text Only Delete Port Add Port .. Configure Port.] Enable bidirectional support Enable printer pooling

ΟK

Cancel

To change the baud rate settings from the printer driver, right click on the printer icon and select "Properties".

Then select the "Ports" tab.

Then press the "Configure Port..." button.

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The COM Properties dialog will pop up and you can select the correct setting for your printer based on the self test. If the printer Handshake is set to DTR/DSR then use "Hardware" for Flow Control on PC. When done press the "Apply" button and then the OK button.

COM1 Properties	? 🛛
Port Settings	
Bits per second:	9600
Data bita	
Data bits:	8
Parity:	None
Stop bits:	1
Elow control:	Hardware
	Bestore Defaults
0	K Cancel Apply

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