USER MANUAL



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Find More Information and Resources.Please visit our Website:http://www.teneth-cnc.com/If you have any questions, please contact us or email toadmin@tInformation in this document is subject to change without notice.admin@t

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1. Important Information

Before you use the cutting plotter, please make sure that you have read the safety precautions and instructions below.

Notes, Cautions, and Warnings

NOTE: A NOTE indicates important information that helps you make better use of your cutting plotter.				
CAUTION: A CAUTION indicates either potential damage to cutting plotter or loss of data and tells you how to avoid the problem.				
WARNING: A WARNING indicates a potential for property damage, personal injury, or death.				
Do not disassemble or remodel the plotter.	Handling of the power cable			
 Never disassemble or remodel the plotter. Disassembly or remodeling can result in an electric shock or breakdown of the machine. 	 Use the supplied power cable. Take care not to damage, break or work upon the power cable. If a heavy material is placed on the power cable 			
Avoid locating the plotter in a damp environment.	or if it is heated or pulled, the power cable can break, thus resulting in fire			
 Do not use the plotter in a damp place. Do not splash water onto the machine. Use in such an environment can give rise to fire,electric shocks or breakdown of the plotter. 	electric shocks.			
In case abnormal event occurs.				

- Use of the plotter under an abnormal condition where the device produces smoke or strange smell can result in fire or electric shocks. If such an abnormality is found, be sure to turn off the power switch immediately and unplug the cable from the wall outlet. Check first that the plotter no longer produces smoke, and contact your distributor for repair.
- Never repair your plotter by yourself since it is very dangerous for you to do so.

Do not place the cutting plotter in below places:

· A place exposed to direct sunlight.

- · On an inclined surface.
- A place where temperature or humidity varies significantly. Use the plotter under the following environmental conditions: Operating environment: 20 to 35°C 35 to 65% (Rh)
- · A place that vibrates.
- · A place exposed to direct air flow from an air conditioner or the like.
- Around a place where flame is Used.

For blade

- · Do not touch the cutter blade, which is very sharp.
- · Do not shake or swing the cutter holder; otherwise, the blade may come off.

Be careful with the movable parts

• During an operation, do not touch any of the moving parts of this machine (such as the carriage). Also be careful to make sure that clothing and hair do not get caught.

Sheets

• Straighten the sheet of media, if significantly curled, before using it for printing. Heavily curled sheet affects the cutting (plotting) result.

Always put the pinch rollers within the red marks.

Keep the tools away from children where they can reach.

Always connect the power cable to a grounded outlet.

2. General Information

2.1 Introduction

Our cutting plotters have been designed to produce computer-generated images or perform contour cutting on sheets or rolls of vinyl media.

This manual covers the following models of TH/TS cutting plotters:

TH/TS 740 for media width: 50mm(1.97") ~ 770mm(30.3")

TH/TS 1300 for media width: 50mm(4.7") ~ 1270mm(50")

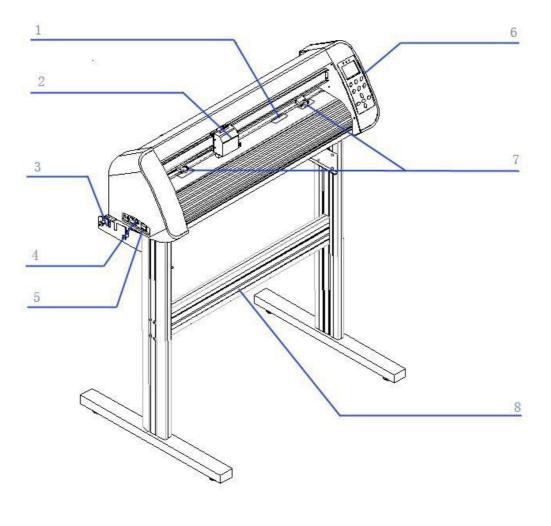
2.2 Package Items

The package of the contents the items listed below, please check carefully. If you find any item missing, please consult your local dealer for further assistance.

ltem	Parts	Qty	Annotation				
1	Warranty card	1					
2	Power cable	1					
3	USB cable	1					
4	Serial cable	1					
5	Blade holder	1					
6	Blade	3					
7	Pen holder	1					
8	CD	1	User manual,USB driver,Antcut driver,AutoCAD sender 2.0, CoreiDraw plug-in 3.1,PDF reader,Scale Calculator				
	Optioa I Item						
9	FlexiSTARTER 10	1					
10	Signout	1					
11	Stand	1					
12	M5*45	16					
13	M5*10	4	C.D.				
14	M5*8	8	S.				
15	M4*8	8					
16	Washer	16	O				

2.3 View

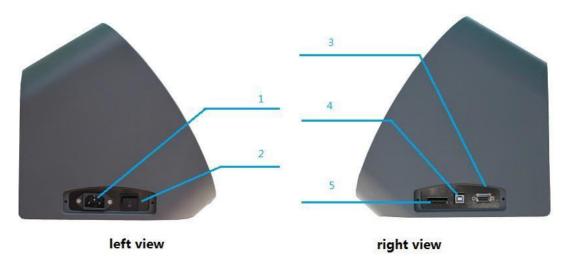
2.3.1 Front view



- 1 Steel axes
- 3 Roll holder
- 5 Power switch
- 7 Pinch roller

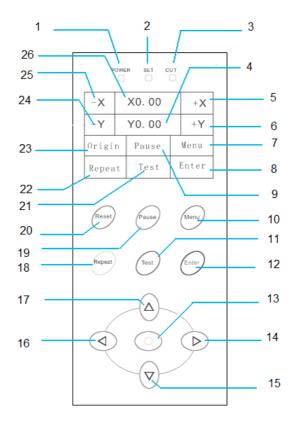
- 2 Carriage
- 4 AC power connector
- 6 Control panel
- 8 Stand (optional)

2.3.2 Left and right view



- 1 AC power connector
- 3 Serial port
 - 5 SD card reader
- 2 Power switch
- 4 USB port

2.3.3 Control panel



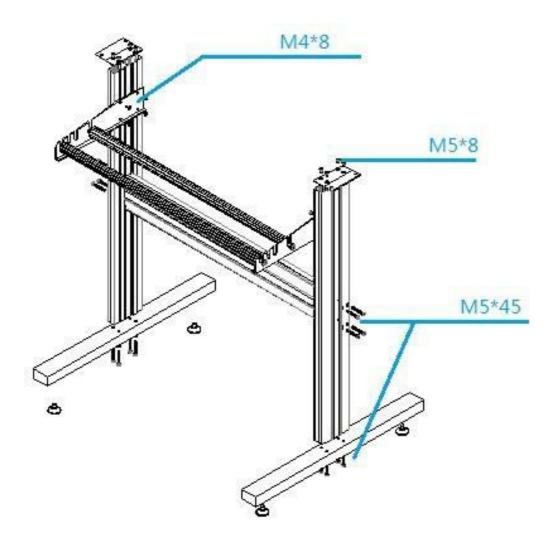
- 1 power light
- 4 info status zone
- 7 Menu button
- 10 Menu button
- 13 X,Y origin button
- 16 X Leftward button
- 19 Pause button
- 22 Repeat cutting button
- 25 X Leftward button

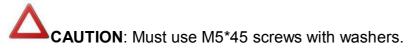
- 2 set up light
- 5 X Rightward button
- 8 Enter button
- 11 Test button
- 14 X Rightward button
- 17 Y Backward button
- 20 Reset button
- 23 X,Y origin button
- 26 info status zone

- 3 operate light
- 6 Frontward button
- 9 Pause button
- 12 Enter button
- 15 Y Frontward button
- 18 Repeat cutting button
- 21 Test button
- 24 Y Backward button

3. Set up your cutting plotter

3.1 Stand (optional)





Must use M5*10 screws to fix the cutting plotter to the stand.

3.2 Connect your cutting plotter

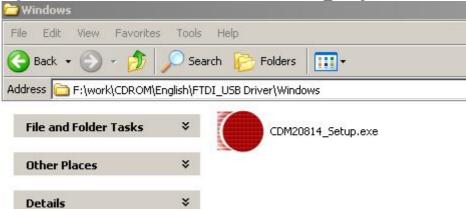
3.2.1 Connect the AC cable

Connect the AC cable to the AC connector on the plotter and to the electrical outlet.

3.2.2 Connect the USB cable (optional)

If you want to use the USB cable, you have to install the USB driver.

1. Find the following files from the CD, Double-click CDM20814_Setup.exe



2. connect USB cable with computer, it will display 'Found New Hardware' as follow window.

Found New Hardware Wizard	Welcome to the Found New
	Hardware Wizard
	This wizard helps you install software for:
	USB Serial Port
	If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do?
	Install the software automatically (Recommended)
	C Install from a list or specific location (Advanced)
	Click Next to continue.
	< Back Next > Cancel

3. Click "NEXT"



4. Click "Finish"

⑤. If driver was installed successfully, You can find a new port in **Device Manager**, shown as below

🖳 Device Manager	_ 🗆 ×
File Action View Help	
E- A KEVIN	
🕀 💘 Batteries	
🕀 🧕 Computer	
🕀 🥌 Disk drives	
🕀 🧐 Display adapters	
🕀 🥝 DVD/CD-ROM drives	
😥 🖾 Human Interface Devices	
🕀 📹 IDE ATA/ATAPI controllers	
🕀 🐨 Keyboards	
⊕ 😳 Mice and other pointing devices	
🕀 🧕 Monitors	
🕀 🎟 Network adapters	
🖻 🖉 Ports (COM & LPT)	
USB Serial Port (COM3)	
🕀 🛲 Processors	
🕀 🧐 Sound, video and game controllers	
🕀 🝲 Storage volumes	
🕀 🚽 System devices	
🗄 🚓 Universal Serial Bus controllers	

if you want to modify the default port No. of USB driver, just right-click port (COM3) as shown above, and select "**Properties**" in context menu.

eneral Port Settings	Driver Details		
	Bits per second:	9600	•
	Data bits:	8	•
	Parity:	None	•
	Stop bits:	[1	•
	Flow control:	None	•
	Adv	vanced Re	store Defaults

Select "Advanced ",

Use FIFO buffers (requ	ires 16550	compatible UAR	T)				ОК
Select lower settings to			ns.				Cance
Select higher settings f	or taster per	tormance.		-			Default
Receive Buffer: Low (1)		15	16	Ų	High (14)	(14)	
Transmit Buffer: Low (1)		. 4	6	Q	High (16)	(16)	

Select the Port Number. that you want to modify, then press "OK"

3.2.3 Connect the RS-232 cable (optional)

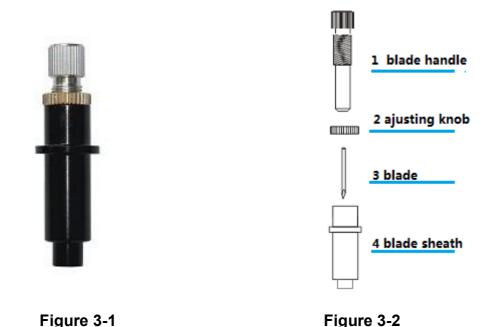
When you want to connect the RS-232C cable, you must observe the following notes

NOTE: (1) When connecting the cables, turn off first the power to the device and that to the host computer which the power cable is to be connected.

(2) Do not plug in or unplug any cable during data transferring.

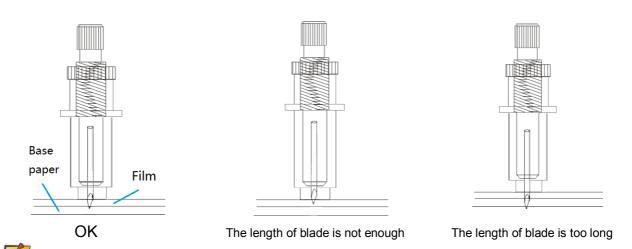
3.3 Blade installation

Figure 3-1 and 3-2 are the drawings of the blade holder.





- (1) Remove the blade sheath by rotating it.
- (2) insert the blade into the hole of the blade handle.
- (3) Adjust the blade tip to suitable length by rotating the adjusting knob and blade sheath clockwise or count-clockwise.



NOTE: The suitable length means the blade's length is adjusted 0.1mm more than film's thickness and it can completely cut through the film layer yet avoid penetrating the base paper.

3.4 Blade holder installation

Install the blade holder into the tool holder of the carriage, press the brim of the blade holder against the tool holder.rotate the knob of the tool holder clockwise and surely fix it.

NOTE: Fix the tool holder firmly. If not, accurate and high-quality cutting will not be

achieved.

3.5 loading a sheet

Either a piece of sheet or a roll of sheet can be loaded on the plotter.





Figure 3-3



- (1) Lift the lever to rise the pinch rollers. (see Figure 3-3)
- (2) Load the sheet and slide to under the pinch rollers form either the front side or backside. The alignment ruler on the platen will help you to adjust the sheet precisely.
- (3) Slide the pinch rollers manually to the proper position. Be sure the pinch rollers must be positioned above the steel axes. The red mark on the top trail will remind you where the steel axes are.
- (4) Press the lever to lower down the pinch rollers.(see Figure 3-4)

NOTE: If you want to cutting a sheet without a reversed adhesive paper (like a pasteboard), You should use a sticker sheet under it.

CAUTION: Move the pinch roller by applying force at the rear portion of the pinch roller support. Do not move it by holding its front rubber roller.

4. Basic Operations

4.1 Pressure Test

It will help you to know the conditions of the blade.

_			
Г			

Press the or Test button, Appliance will cut a rectangle which shown as above, Check if the rectangle can be completely teared off or not in order to make sure the right pressure and the length of the blade tip



NOTE: When the cutter blade is worn and dull, you can use it temporarily by enhancing the value of PRESSURE. However, you are recommended to replace the worn cutter blade with a new one to ensure a satisfactory cutting quality.

4.2 Pressure and Speed



which F100 is pressure, V500 is speed.

button goes to the interface	-X	F100	+ X	in
V500 is speed.	-Y	V500	+Y	

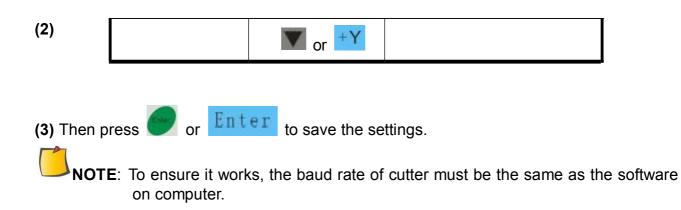
(2) Once for 5 Х Decrease the pressure or Min is 5 Pressure Once for 5 Increase the pressure or Max is 500* Once for 25 Decrease the speed Min is 50 Speed Once for 25 Increase the speed or Max is 500

(3) After adjusting the Pressure or Speed, press

or Enter

to save the settings.

4.3 Lang	juages and Ba	ud rate		-X	English	+ X
(1) Press	or Menu	outton goes to the interface			B38400	+Y
	Language	or ×	Switchin and Eng	•	ween Chine	se
	Baud rate	or 😽	Switchin and 560	•	ween 38400)



4.4 X, Y axis scale

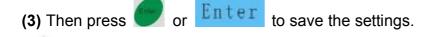


 $\begin{array}{c|c|c|c|c|c|c|c|c|} \hline -\mathbf{X} & \mathrm{Sx0} & +\mathbf{X} \\ \hline -\mathbf{Y} & \mathrm{Sy0} & +\mathbf{Y} \end{array} \text{ in }$

which SX0 is the proportionality factor of X axis; SY0 is the proportionality factor of Y axis. Factor default is 0, if there is an error in the plotter, You can adjust them.

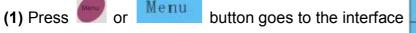
(2)

	Decrease proportion of X
	axis
	Increase the proportion of X
pr 🔨	axis
A -Y	Decrease the proportion of Y
or in the second	axis
Y axis	Increase the proportion of Y
	axis
	or ×



NOTE: The value of the axis scale depends on the actual situation.

4.5 Distance between red dot and pen



се	-X	Dx 0	+X
	- Y	Dy0	+Y

(2) Fix the sheet and pen, and press the pen manually to make a dot on the sheet.

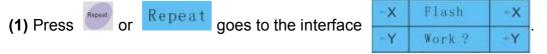


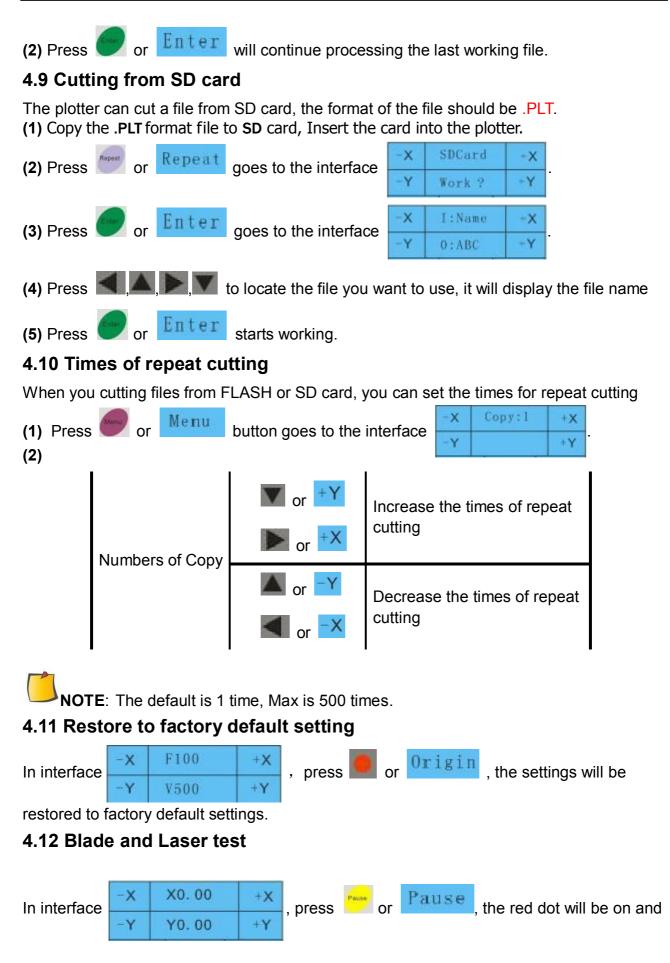
	-X	Dx Set	+X
Э	-Y	Dy Set	+ Y

made b	oy pen,			
(5) Then p	ress 🕐 or 🛄	ter to save the se	ettings.	
				ne until you clear it.
	Ū.	etween red dot a		•
To test the	distance from lase	er to pen is exact or	not	
(1) Press	or Menu	button goes to the i	nterface	-X Dx 0 +X -Y Dy 0 +Y
(2) Fix the	sheet and pen and	d press pen to make	e a dot on	the sheet.
(3) Press dot don	or Test I't aim at the dot, It	button, the red dot needs to be reset.	will locat	e the dot automatically, if the red
4.7 Skin	of LCD and Ste	p distance of jo	og motio	on
4 A)	, 💌 are continu	ious motion keys.		
-X +X -	Y, +Y are jog mo	ntion keys, You can	set the d	listance of motion here, default is
5.0mm.				
(1) Press (2)	or Menu	button goes to the i	nterface	-X Skin:0 +X -Y STEP:5 +Y
	Skin	or 🔫	-	the skin of LCD,
		► or ×	there ar	e 6 skins available
Γ	Distance of	or Y		se the distance of the min is 0.1mm
	motion	or +Y		e the distance of the max is 100. 0mm.
(3) Then p		ter to save the se	ettings.	

4.8 Cutting from FLASH

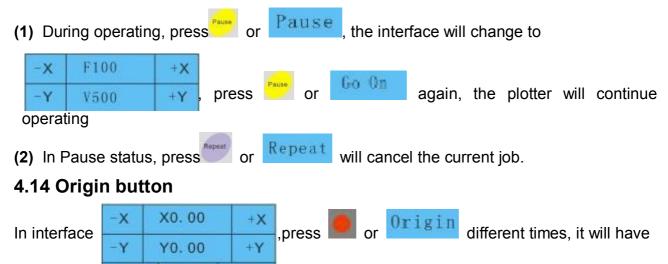
The plotter has a built-in FLASH, Every file sent by computer will be saved in the built-in FLASH automatically. If it powered off, the file will not be lost, you can reuse it for cutting and no need to be sent by computer again.





off by turns, and the carriage will go down and up by turns.

4.13 Pause and Cancel during operating



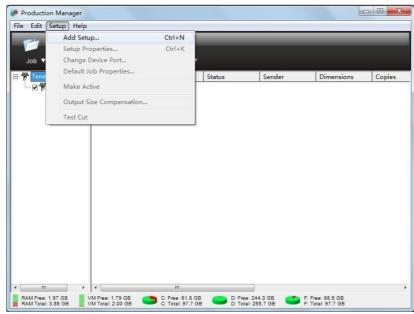
different functions which are described as below:

Times of press	Interface	Operation	Result
1	-X X Clear? +X -Y Y Clear? +Y		X,Y coordinate value will be cleared
2	-X XGoLaser? +X -Y YGoLaser? +Y	Press or	Carriage will change from blade to red dot
3	-X XGoKnife? +X -Y YGoKnife? +Y		Carriage will change from red dot to blade

5. Advanced operations

5.1 Cut in FlexiSTATER Teneth Edition

- (1) Install the software
- (2) After finishing the installation, run the **Production Manager**, Click "Setup"->"Add setup...".



(3) Select the names of brand and model upon your plotter, and click "Next"

nnat 15	the brand name of your vinyl cutter?	
What is	Teneth the model name of your Teneth?	_
	TB-1300	T
	TB-1300	
	TB-1300L TB-740	
	TB-740L TH-1300	
	TH-1300L TH-740	
	TH-740L	
	TS-1300 TS-1300L	
	TS-740 TS-740L	
	10 1101	

(4) Set parameters as below:

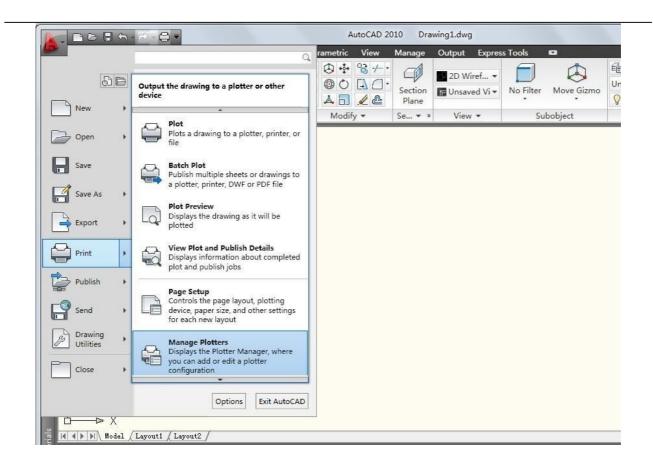
What do you want to call your no TH-740L	ew setup?	-1
ITH-140E		
How is your TH-740L connected to	o your computer?	1 ()
COM3	•	Browse
Bits per second:	38400	•
Data bits:	8	•
Parity:	None	•
Stop bits:	1	. 💌
Flow control:	Hardware	•
Hardwires 🗖	DTR TRTS D DSR V CTS	CD

(5) Click "Finish".

5.2 Output from AutoCAD

5.2.1 Add a plotter

(1) Click the main menu-> "Print" -> "Manage Plotters"



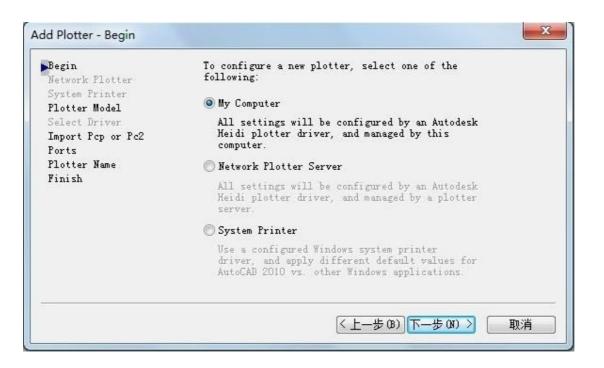
(2) It will display "Plotters" window, double click "Add-a-Plotter Wizard".

LL织 🔻 🔝 打开 🔅	共享 ▼ 刻录 新建文件夹				• ==	
☆ 收藏夹	名称	修改日期	类型	大小		
🚺 下载	🔒 Plot Styles	2011/5/19 22:15	文件夹			
■ 桌面	\mu PMP Files	2011/5/19 22:15	文件夹			
1911 最近访问的位置	Add-A-Plotter Wizard	2011/5/19 22:14	快捷方式		1 KB	
And the second second	Default Windows System Printer	2003/3/3 19:36	AutoCAD Plotter		2 KB	
3 库	DWF6 ePlot	2004/7/29 2:14	AutoCAD Plotter		5 KB	
▶ 视频	DWFx ePlot (XPS Compatible)	2007/6/21 9:17	AutoCAD Plotter		5 KB	
	DWG To PDF	2008/10/23 8:32	AutoCAD Plotter		2 KB	
	PublishToWeb JPG	1999/12/7 20:53	AutoCAD Plotter		1 KB	
文档	PublishToWeb PNG	2000/11/21 23:18	AutoCAD Plotter		1 KB	
通 迅雷下载						
● 音乐						
■ 计算机						
🏭 OS (C:)						
本地磁盘 (D:)						
🕞 本地磁盘 (F:)						
Microsoft Office						
interoson onice						

(3) It will display the following dialog box, click "Next".

This wizard provides you with the ability to configure either an existing Windows system plotter, or a new non-Windows system plotter. The configuration information will be saved in a PC3 file. The PC3 file will be added as a plotter icon that can be selected from the Autodesk Plotter Manager.	
You can choose to import configuration information from a PCP or PC2 file, then add that information to the new plotter configuration file you are creating.	
< 上一步 (B) 下一步 (B) 下一步 (B)) 下一步 (B)) [取消	
	existing Windows system plotter, or a new non-Windows system plotter. The configuration information will be saved in a PC3 file. The PC3 file will be added as a plotter icon that can be selected from the Autodesk Plotter Manager. You can choose to import configuration information from a PCP or PC2 file, then add that information to the new plotter configuration file you are creating.

(4) Select "My Computer", and then click "Next".



(5) Select "Hewlett-Packard" for Manufacturers and "Generic SHPGL" for Models, and then click "Next".

Begin Network Plotter System Printer		ter manufacturer and model. If nsult your plotter documentati er.	
Plotter Model Select Driver Import Pcp or Pc2 Ports Plotter Name Finish	driver, choose H	ou have an installation disk c ave Disk. A Browse for HIF Fil u to locate and install the HI r. Models	e dialog box is
Finish	Autodesk ePlot (DWFx) Autodesk ePlot (PDF) CalComp Hewlett=Packard	DraftPro Plus C3171A Draftpro-DXL (7575A) Draftpro-EXL (7576A) Generic LHPGL	^
	Raster File Formats Xerox	Generic SHPGL	
	This model is support	ed by HPGL - by Autodesk Inc.	Have Disk

(6) Click "Next" in following dialog box.

Begin Network Plotter System Printer Plotter Model Select Driver Import Pcp or Pc2 Ports Plotter Name Finish	To import plotter specific information from a previously saved PCP or PC2 file, choose Import File. Paper size, plot optimization level, network share names, and port names can be imported into the new PC3 file. Import File NOTE: Use the Add Plot Style Table wizard to import pen assignment information. Use the Import PCP/PC2 Settings wizard to import PCP or PC2 page setup information.
	〈上一步 (3) 下一步 (3) 〉 取消

(7) Select "Plot to File", and then click "Next".

Begin Network Plotter System Printer Plotter Model	The followin for the curr	por Flot to <u>Fi</u> g is a list of al ently configured ll be plotted to	l ports available device. All	
Select Driver Emport Pcp or Pc2	Port	Description	Printer	
Ports Plotter Name Finish	COM1 COM2 COM3 COM4	Local Port Local Port Local Port Local Port		
	Configure		at is AutoSpool disable I/O port val	

(8) Enter a name for plotter, and then click "Next".

Begin Network Plotter System Printer Plotter Model Select Driver	The model name you selected is the default plotter configuration name. You can accept the default name, or enter a new name to identify the new PC3 file you have created. The name you apply will be displayed in the Page Setup and Plot dialog boxes.
Import Pcp or Pc2 Ports	Plotter Name:
Plotter Name Finish	ТН-740Ц
	Note: If you enter a name that is exactly same as a System Printer's name, you will

(9) Click "Edit Plotter Configuration" to set the parameters.

Add Plotter - Finish	X
Begin Network Plotter System Printer Plotter Model Select Driver Import Pcp or Pc2 Ports	The plotter TH-740L has been installed with its default configuration settings. To modify the default settings, choose Edit Plotter Configuration.
rorus Plotter Name ▶Finish	Edit Plotter Configuration Optionally, to perform a plot calibration test on the newly configured plotter, and verify that your drawing measurements plot accurately, choose Calibrate Plotter.
	<u>C</u> alibrate Plotter
	< 上一步 (B) 完成 取消

(10) Select "Custom Paper Sizes", and click "Add...".

General Por	ts Device and Document	Settings
Phys Grap Grap Cust User Vser Init T	Source and Size (Src: M Sical Pen Configuration Chics Com Properties Sialization Strings Side defined Paper Sizes & C Sustom Paper Sizes Soliter Paper Sizes Plotter Calibration	200440 00-0000 00 0000
- A I	MP File Name (None)	
	1	1
•		•
Custom Par		•
Custom Par		•
Custom Par		Add Delete
Custom Par		

(11) Select "Start from scratch", and then click "Next".

Custom Paper Siz	e - Begin	X
▶ Begin Media Bounds Printable Are Paper Size File name Finish	Start from scratch Select from the list of paper sizes. ANSI A (11.00 x 8.50 Inches)	
	 	取消

(12) Enter the appropriate value for Width and Height according to your plotter, and click "Next".

Begin Media Bounds Printable Are	The current paper size is 11.00 x 8.50 Inches. To create a new paper size, adjust Width and Height, then select Inches or Millimeters. Pixels are only _{ea} available for raster formats.
Paper Size	
- File name	
Finish	Preview
	<u>W</u> idth 630
	<u>H</u> eight 2000
	Unit: Millimeter 🕶

(13) Enter the value for the non-printable area, and then click "Next".

Begin			cates the printable area	
Media Bounds			y selected paper size. To ble area, adjust Top, Bottom	,
Printable Are	aNOTE: Mo	st drivers ca	lculate printable area from	a
Paper Size	specific	measurement	away from the edge of the such as Postscript drivers,	
File name			a from the actual edge of th	e
Finish	paper. V	erify that yo	ur plotter is capable of	
	Top :	D	Preview	
	B <u>o</u> ttom	D		
	Left :	D		
	<u>R</u> ight	D 👘		

(14) Enter a Paper Size Name, and then click "Next".

Begin Media Bounds Printable Are Paper Size	The displayed default information indicates the paper size you are creating. Enter a new name to identify the paper size. The new paper size name awill be added to the list of custom paper sizes listed in the Plotter Configuration Editor.
File name Finish	TH-740L (630.00 x 2000.00 MM)

(15) Enter a PMP File Name, and then click "Next".

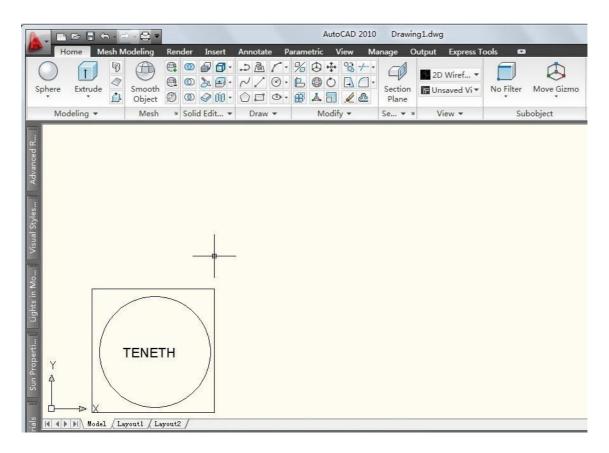
Custom Paper Siz	e - File name	
Begin Media Bounds Printable Are Paper Size ▶ File name Finish	The you are saving.	
	<上─步®)下─步®)>■	消

(16) Click "Finish".

Begin Media Bounds Printable Are	You have created a new paper size named TH-740L (630.00 x 2000.00 MM) . Select the source to which you want to apply the new paper size.	
Paper Size	8	
- File name	Paper Cassette	
Finish	Manual_Feed	
	Print test page	

5.2.2 How to output

(1) Finish the file that you want to output.



(2) Click main menu -> "Print".

		AutoCAD 2010	Drawing1.dwg	
	q	A real second	anage Output Express T	ools 🗳
50	By Ordered List V	% \$ + % ≁ • E \$ 0 0 · # ▲ ∃	Section Plane 2D Wiref •	No Filter Move Gizmo
New +		Modify -	Se • View •	Subobject
Open +				1
Save				
Save As				
Export +				
Print +				
Publish +				
Send +				
Drawing Utilities				
Close +				
	Options Exit AutoCAD			
	/Lowent1 / Lowent2 /			

(3) Select the plotter and paper size that you just set (See <u>P32-5.4.1</u>), and select "**Plot to file**" checkbox and "**Custom**" for Scale. Then click "**Preview**", If It can't plot normally, please modify the settings, and finally click "**OK**".

	 Learn about Plotting
Page setup	
Name: <pre></pre>	▼ Add <u>.</u>
Printer/plotter	
Name: 🛱 TH-740L.pc3	▼ P <u>r</u> operties
Plotter: Generic SHPGL -	<u>k-</u> *
Where: File	
Description:	78
V Plot to file	
Paper si <u>z</u> e	Number of copies
TH-740L (630.00 x 2000.00 MM)	▼] [1 ▲]
Plot area	Plot scale
What to plot:	Fit to paper
Display 🔻	Scale: Custom
Plot offset (origin set to printable area)	1 [inches ▼] Ξ
<u>χ</u> : 0.454724 inch <u>C</u> enter the plot	25.4 Units
<u>ү</u> : -0.537402 inch	Scale lineweights
	Cancel Help

(4) Select the location that you want to store and enter a name for the file, then click "Save".

Save in: Save in:	•	수 🖸 🛱 💥 🖆 <u>V</u> iews ·	▼ Tools
名称	<u>x.</u>	修改日期	类型
🤌 🔒 Apps		2011/4/6 19:21	文件
💷 🔒 DELL		2011/4/15 23:10	文件
Drivers		2011/4/6 21:47	文件
🔍 🔒 ksDowr	loads	2011/4/17 22:09	文件
Maxtho	nRecycle	2011/4/15 22:55	文件
🔪 🥼 new_gd	zqim	2011/4/17 21:48	文件
NerfLog	5	2009/7/14 11:20	文件
Program	n Files	2011/5/19 22:13	文件
Program	n Files (x86)	2011/5/15 14:35	文件
Progra	mData	2011/5/19 22:23	文件
Sprint		2011/5/10 20:28	文件
		2011/4/15 22-47	<i>₹</i>
ktop			
File <u>n</u> ame:	Drawing1-Model.PLT	•	<u>S</u> ave
Files of type:	Plot File (*.plt)	•	Cancel

(5) Run the AutoCAD output software in Teneth CD

Port:	· ·	Baudrate: 3	8400 💌
Status: Por	t Closed		
File:			Browse.
Start	Save as	Cancel	Close

(6) Select the appropriate Port and Baud rate,

(7) Click "Browse..." to locate the .plt file you just saved.

Port:	-	Baudrate:	38400 💌
Status: Por	t Closed		
File: C:\ T	Users\Tommy\Deskto	p\Drawing1-Model.1	PL Browse.
			Di onse.
i	Save as	Cancel	Close

(8) Click "Start" to do the task or click "Save as..." to save the file to a SD card or USB Flash Disk.

5.3 Cut 5mm or smaller letters

To achieve the best quality output, we suggest you use a narrow sheet. If use wide sheet, you should:

- (1) Position two pinch rollers as close as possible to both edges of the cutting area.
- (2) Make sure the loaded sheet is placed the flat with equal tension.
- (3) Set parameters as below:
 - ① In Flexi:

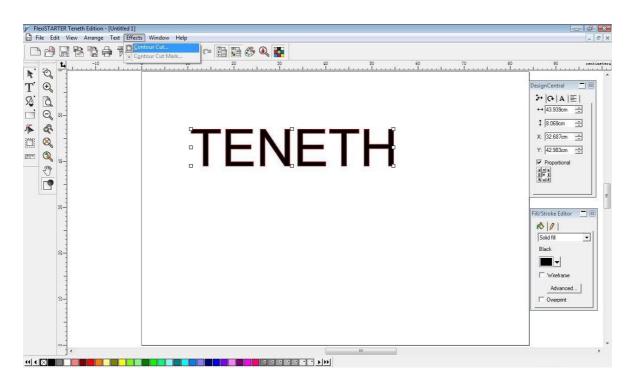
Default Job Prope	rties 💌
Resolution: Passes: 🔽 Advance	
✓ Send ard ✓ Knife of ✓ Packet s	ffset: 0.036 🛨
Curve qual	
	Cutter Options Reset
	OK Cancel Apply

② In ARTCUT:

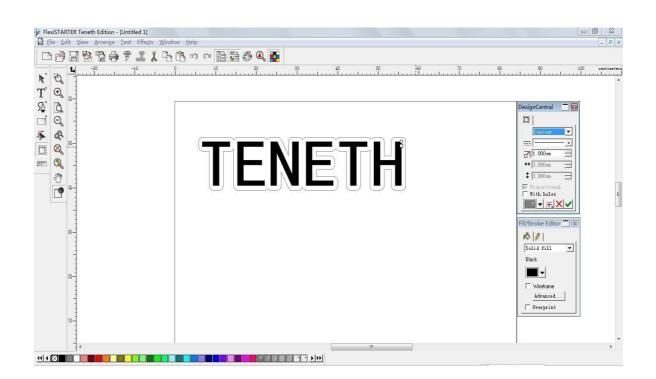
oter Compensa	tion Vinyl PageSize Settings C	omman
🗸 Close	0.3556 <u>+</u> MM	
✓ Sharp Angl	e 0.3556 🕂 MM	
Plotting Accu	racy 🦳 High 🦳 Middle 🖲 Low	
Plotting Accu Delay 0	racy ∩ High ∩ Middle € Low 	

5.4 Contour Cut (optional)

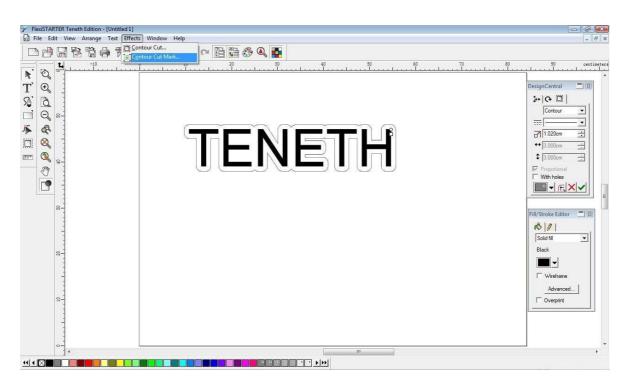
- (1) If you are the first time to use this function, you should set the distance between red dot and pen firstly (see <u>P17-4.5</u>).
- (2) Create or open a graphic file in Flexi, and click "Effects"->"Contour Cut..." to create a contour.



(3) You can adjust related parameters in "**DesignCentral**" pop-up window, and then click



(4) Click "Effects"->"Contour Cut Mark..." to add a contour cut mark for the graphic file.



(5) Select "4 Point" in "DesignCentral" pop-up window, and then click

FlexiSTARTER Teneth Edition - [Untitled	fe <u>c</u> ts <u>W</u> indow <u>H</u> elp			
	ἐ ϫ ᅆ ᅆ ఴ ఴ ఴ ఴ ఴ ఴ ఴ ఴ	20 40 50 1 ! ! !	60 : 70 8 II	DesignCentral
	ΤE	NETH	Ĩ]0[↓ ↓ <i>L</i> Point ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
8	*		•	Fill/Stroke Editor Fill/Stro
 ₽				C Overprint

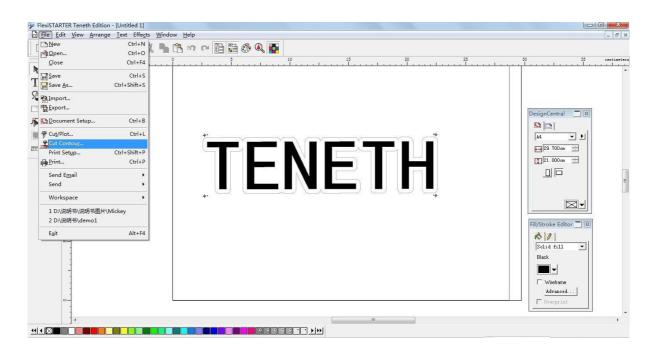
(6) Click file "File" -> "Print" to print the graphic file.

File Edit View Arrang	ge <u>⊺</u> ext Effe <u>c</u> ts <u>W</u> indow	Help				- 6
<u> N</u> ew ∰ <u>O</u> pen	curre	「 「 「 「 」 の の 「 」 の の の 「 」 の の の の の の	.¥ 20			
Close	Ctrl+F4	5	15 20	25	30 1	centin
<u>Save</u> Save As	Ctrl+S Ctrl+Shift+S					
<mark>₨ I</mark> mport ॡ <u>िE</u> xport					DesignCentral 🔲 🗉	
Document Setup	Ctrl+B					
₩ Cut/Plot Cut Contour	Ctrl+L				A4 • •	
Print Setup	Ctrl+Shift+P	* '		.4	29.700 cn	
Print	Ctrl+P				21.000 cm	
Send Email	•					
Send	•					
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1 Untitled1		, U U		■,		
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3 D:\说明书\demo1					10 0	
E <u>x</u> it	Alt+F4				Solid fill	
					Black	
					■ •	
-					Advanced	
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0-1			m	2.54	÷	

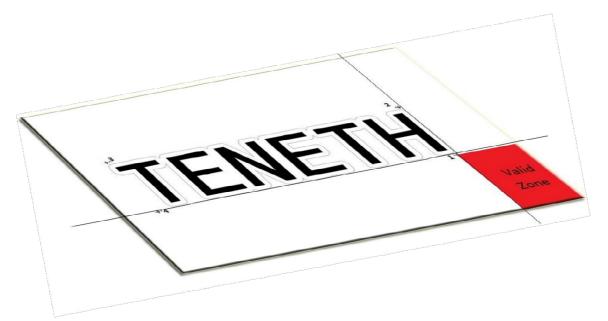
(7) In the "**Print**" window, there are some print options for your choice (e.g., if you want to print original size, just select "100cm = 1m [100%]")

Period FlexiSTARTER Teneth Edition - [Untitled 1]			
T Q		Preview	50
T Image: Microsoft XPS Docu Statu:::::::::::::::::::::::::::::::::::	ment Writer	TENETH	DesignCentral DesignCentral DesignCentral Main Main Main Parallelist Parallelist Parallelist Parallelist
Overlap: [0.000cm ≟ Overlap: [0.000cm ≟ Advanced ✓ Use device margins ✓ Ignote overprint	Right Center Offset X: 0.000cm Offset Y: 0.000cm	OK Cancel	Salid fill V Salid fill V Black Vielane Advanced Overprint
		III	۴

(8) Load the printed sheet on the plotter, and click file "File" -> "Cut Contour..."



CAUTION: When loading the sheet, Be sure the red dot must be placed at the right side of first point, otherwise the plotter will not work normally, the **valid zone** is as shown below:



(9) In "Cut Contour" window, select your plotter model, and click "Options" tab -> "Edit..." button.

-740L@COM3:	▼ Jo	ob Star		T					_
roperties 📝		in sta	us				Layo	ut Preview	
☑ [Y] F				06	,60 ,55 ,50	,45 ,40 ,35	,30 ,25 ,20	,15 ,10 ,5	,0
Driver options Drawing Colors		Before J	ob	75 80					
				es 70 75					
 ✓ Use same driver of 	m motions for all	C6	, Bdit.	- 22					
₩ Advance after plo		Passes: 1		4					
				30 32					
				20 25					
				10 15					
									-
				0			ţī.	1112	

(10) It will pop up a dialog box, please set the parameters Offset X 0.00mm, Offset Y 0.00mm as below, and click "Apply"-> "OK".

740L@COM3:	- Job		atus				
operties 🌮		51	atus				Layout Preview
							Jayout Heview
≝ 0 0+	1				60	55 50 45 40	,35 ,30 ,25 ,20 ,15 ,10 ,5 ,0
					8	122 122 122 123	100 100 100 100 100 100 100 100 100 100
│ Weed border		Teneth TH-7				x	
Driver options		Teneth TH-	40L				
Drawing Colors		Before Jo	Ы				
CutContour		Cut		•			
		T Tool		C Knife	C Pen		
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1217			ŧY	0.00 ÷ n	nm -100.00-10	ю.с	
•	m						
🔽 Use same driver opt	ions for all c	4					
✓ Advance after plot							
, Maranee areer proc							
		Offset	.ocX0.00;0f	fsetLocYO.00;			
		Delet	•	Save	Reset		
				<u>确定</u>	取消 应用	B(A)	
		C	_	_	- w		ាំក រភាព
					0		
					*****	***********	**********************

(11) Then click "Send", It will pop up a "Alignment" dialog box in "Production Manager" window, select "Interactive alignment (Manual)", and click "OK".

 Interactive alignment (Manual) 	ОК
Digitize alignment (Bomb sight)	Cancel

(12) It will popup the first point dialog box, make the red dot of the plotter aim at the center of the mark by clicking 4 arrow keys, and then click "**OK**".

Production Manager						
le Edit Setup Help						
10 🍌						
Job V Send	Abort Dele	te Help.▼				
	Internet Constitute	osa 2009012				
Teneth TH-740L@C		Job Name	Status	Sender	Dimensions	Copies
TH-740L	TH-740L	Untitled1.job	Cutting 0%	Tommy	20.000 x 4.805cn	n 1
	Interactive Align	iment				
	Press the arro	ws to move to the first				
	point or enter	the position of the first				
	point and clic	K UK.				
			•			
	mm	_				
	X: 0.0mm	÷				
			<u>т</u>			
	Y: 0.0mm	÷ (Ψ_1	OK Cancel		
	-					
	4					
	VM Free: 1.79 GB	C: Free: 60.2 GB	D: Free: 2	41.7 GB	Free: 88.3 GB	
	VM Total: 2.00 GB	C: Total: 97.7 GB	D: Total: 2	255.7 GB 🔛 F:	Total: 97.7 GB	

(13) Then it will popup the second point dialog box, and At the same time, the red dot moves to the second point automatically, make the red dot of the plotter aim at the center of the second mark by clicking 4 arrow keys, and then click "**OK**".

Press the arrows to point or enter the p point and click OK.	osition of the		
mm	-		
X: 78.4mm	÷		
Y: 4.1mm	÷	A	

(14) The operations for the third and fourth points are similar as above.

Press the arrows point or enter the point and click C	e position of the		
mm	•		
X: 78.2mm			
Y: 197.0mm		⊕.	

mm 💌	ess the arrows to move to pint or enter the position (pint and click OK.		
	nm _	•	
X: 21.4mm	< 21.4mm	3	

(15) Then it will pop up a dialog box as blow, press Origin button for plotter. And then press "**OK**", the plotter will perform the contour cut.

on control panel

TH-740L	8
Please put knife back	in cutter and click OK to start cutting.
	OK Cancel

5.5 Wireless control (optional)

(1) Insert the Bluetooth adapter into the USB port, The computer will automatically install the driver, you will see the **Bluetooth** icon in the taskbar.



(2) Then you can find the "Bluetooth Radios" in the Device Manager.



(3) Right click the Bluetooth icon in the Taskbar and click "Open Bluetooth Settings".

	Add a Bluetooth Device
_	Show Bluetooth Devices
	Send a File
_	<u>R</u> eceive a File
	Join a Personal Area Network
	Open Bluetooth Settings
	Remove Bluetooth <u>I</u> con

(4) Click "Options" tab when pop up the follow window, and select "Show the Bluetooth icon in the notification area" checkbox, then click "Apply".

Discovery To allow Bluetooth devices to find this computer, select the following check box. ☐ Jurn discovery on	Devices	Options	COM Ports	Hardware		
To allow Bluetooth devices to find this computer, select the following check box.	Disco	lon				
 To protect your privacy, turn on discovery only when you want a Bluetooth device to find this computer. Connections Use these settings to control whether a Bluetooth device can connect to this computer. Allow Bluetooth devices to connect to this computer Alert me when a new Bluetooth device wants to connect 	To al	low Blueto		o find this c	omputer, sele	ect the
want a Bluetooth device to find this computer. Connections Use these settings to control whether a Bluetooth device can connect to this computer. Allow Bluetooth devices to <u>c</u> onnect to this computer Alert me when a new Bluetooth device <u>w</u> ants to connect		urn discov	ery on			
Use these settings to control whether a Bluetooth device can connect to this computer. Allow Bluetooth devices to <u>c</u> onnect to this computer Alert me when a new Bluetooth device <u>w</u> ants to connect						when you
device can connect to this computer. Image: Allow Bluetooth devices to connect to this computer Image: Allow Bluetooth device wants to connect	Conne	ections				
Alert me when a new Bluetooth device wants to connect					Bluetooth	
	🔽 Al	low Blueto	oth devices t	o <u>c</u> onnect	to this compu	ıter
Show the Bluetooth icon in the notification area	🔽 Al	ert me wh	en a new Blue	etooth devi	ce <u>w</u> ants to c	connect
	Sho	w the Blue	tooth icon in I	the <u>n</u> otifica	tion area	
	Learn m	iore abo <mark>u</mark> t	Bluetooth set	tings.	<u>R</u> estore	Defaults
Learn more about <u>Bluetooth settings</u> .						
Learn more about <u>Bluetooth settings</u> . <u>R</u> estore Defaults						

(5) To add the device, please power on the plotter, and click "Add" in the "Devices" tab.

COM Ports	Hardwar	e]	
<u>R</u> emove			Properties
ОК		Cancel	

(6) Select "My device is set up and ready to be found" in the pop up wizard, click "Next".



(7) Add Bluetooth Device Wizard will search the Bluetooth device.

Jeit	ect the Bluetooth device that you want to add.
	9
į)	If you don't see the device that you want to add, make sure that it is turned on. Follow the setup instructions that came with the device, and then click Search Again.

- (8) Then it will find Teneth TB plotter, choose TB plotter, and click "Next".
- (9) The Wizard will ask you whether use a passkey or not, select " Use the passkey found in the documentation", then input the passkey in the textbox(The default passkey for TB series is 1234), then Click "Next"

Do you need a passkey to add your device?	
To answer this question, refer to the "Bluetooth" secti your device. If the documentation specifies a passkey	
⊙ <u>U</u> se the passkey found in the documentation:	1234
O Let me choose my own passkey:	
O <u>D</u> on't use a passkey	

(10) The wizard will match and install the plotter.

:

∀indows is exchangin	g passkeys.	
Vhen instructed below, er	ter the passkey using your Bluetooth	device.
or more information about levice.	entering a passkey, see the docume	ntation that came with your
 Connecting Please enter the passi 	ey on your Bluetooth device now.	
Passkey:	1234	
Installing Bluetooth de	vice	

(11) When the wizard finish adding the Bluetooth device, please note down the Outgoing COM port (e.g. the outgoing port of below is COM6), Click "Finish" to complete the installation.

®	Completing the Add Bluetooth Device Wizard
\mathbf{Y}	The Bluetooth device was successfully connected to your computer. Your computer and the device can communicate whenever they are near each other.
	These are the COM (serial) ports assigned to your device.
	Outgoing COM port: COM6
	Incoming COM port: COM7
	Learn more about <u>Bluetooth COM ports</u> .
	To close this wizard, click Finish.

(12) After finishing adding the Bluetooth device, you can use Teneth TB plotter to cut via cutting software.

6. Specifications

		1	
Model	TS740/TH740	TS1300/TS1300	
Stand	Optional	vertical feeding paper stand	
Main board	32-bit CPU,4MB high speed CACHE		
Control panel	11 Membrane Buttons plus 2.5" LED touch screen		
Driver Motor	Step /Servo Motor		
locating system	Precise electronic limited interface system and arbitrary original setting system		
Max. feeding width	740MM	1300MM	
Max. cutting width	630MM	1205MM	
Max. cutting speed		1200mm/s	
Max. cutting Thickness		1mm	
Knife pressure	0-10	000g (Digital adjustable)	
Mechanical resolution	0.05mm		
Repeat accuracy	<±0.05mm		
Knife(blade)	Mimaki Imported alloy blade		
Drawing pen	11.4mm diameter, all kinds of water, oil, atomic paint pens, poster pen		
Drawing instruction	DM-PL/HP-GL Automatic Identification		
Connector	USB/ SD card/ Serial Port/WiFi		
Power supply	AC110V /220V±10%,50Hz/60Hz		
Power consumption	< 100W	<120W	
Working environment	Temperature:+5-+35,humidity:30%-70%		

Package size	1020*350*370mm	1592x330x440mm	
Gross Weight	27KG	49KG	
Optional function	Contour cut NVireless control		

Find More Information and Resources.

Please visit our Website:http://www.teneth-cnc.com/If you have any questions, please contact us or email toadmin@teneth-cnc.com.Information in this document is subject to change without notice.admin@teneth-cnc.com.

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