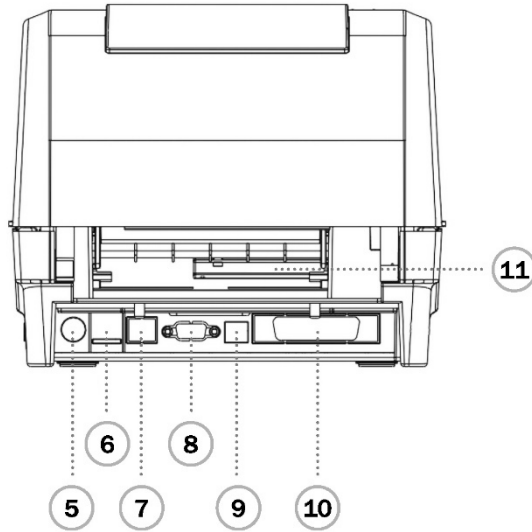
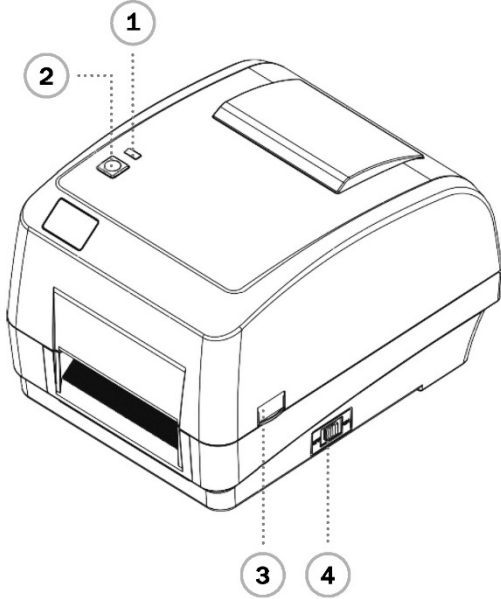
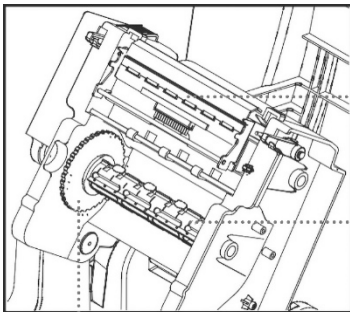


#### Parts name of the printer

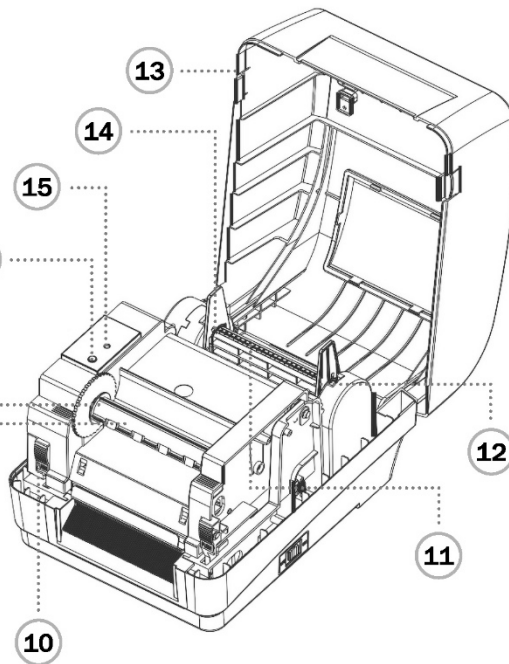
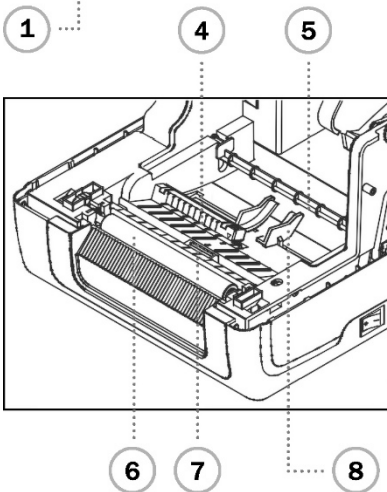


- |                      |                      |                                       |
|----------------------|----------------------|---------------------------------------|
| 1 LED indicator      | 5 Power jack socket  | 9 USB interface                       |
| 2 Feed button        | 6 SD card socket     | 10 Centronics interface               |
| 3 Top cover open tab | 7 Ethernet interface | 11 Rear external label entrance chute |
| 4 Power switch       | 8 RS-232C interface  |                                       |

**Note:** The interface picture here is for reference only. Please refer to the product specification for the interfaces availability.

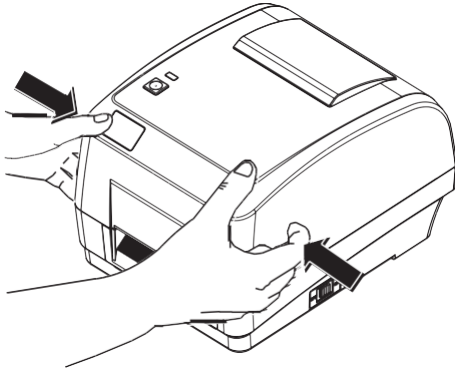
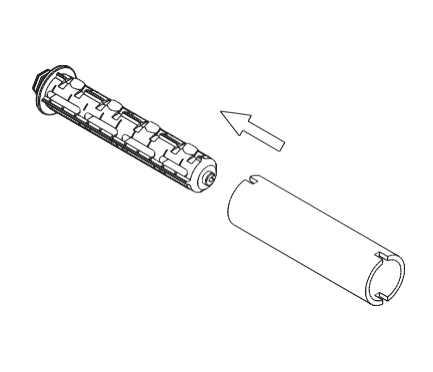
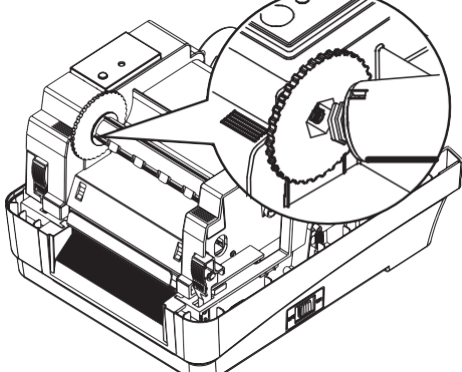
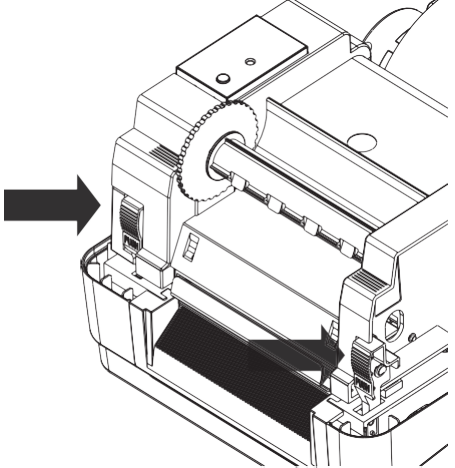
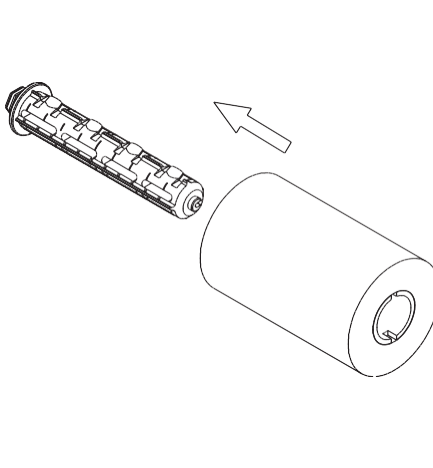
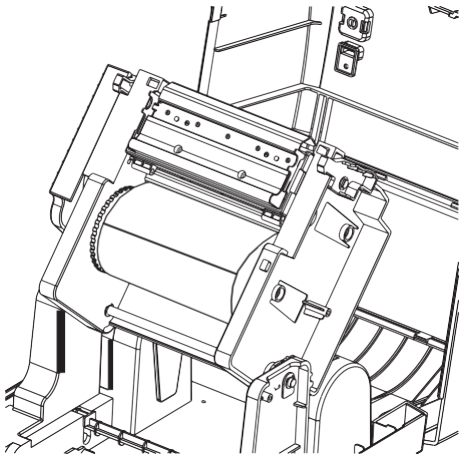
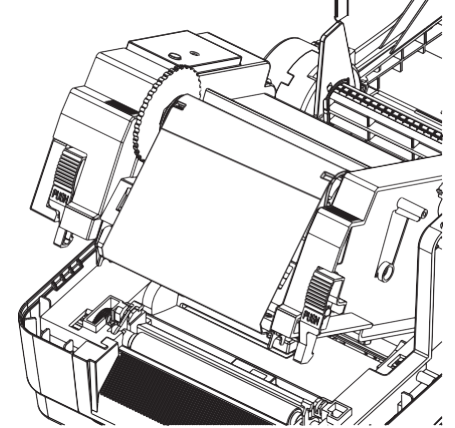
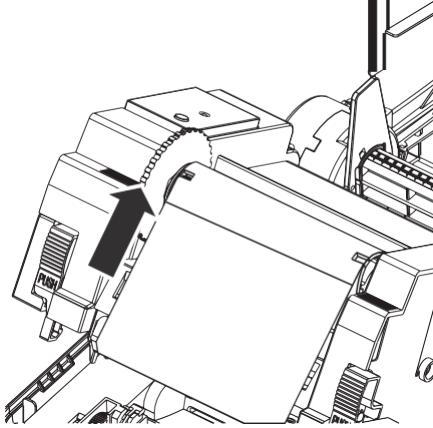
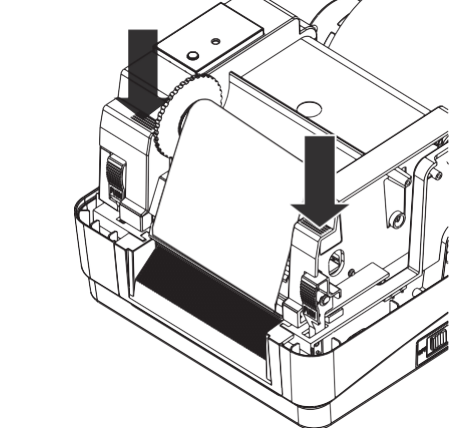


- |                         |                     |
|-------------------------|---------------------|
| 1 Ribbon supply gear    | 5 Media bar         |
| 2 Print head            | 6 Platen roller     |
| 3 Ribbon supply spindle | 7 Black mark sensor |
| 4 Gap sensor            | 8 Media guides      |

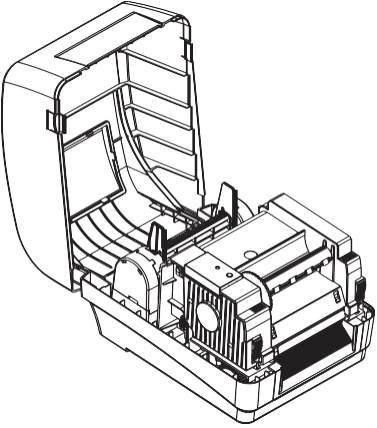
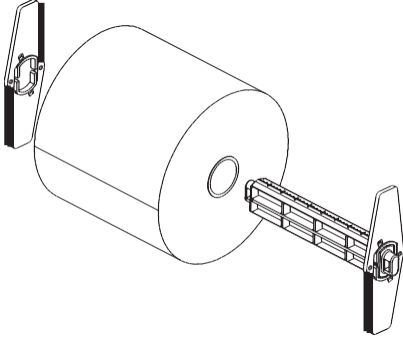
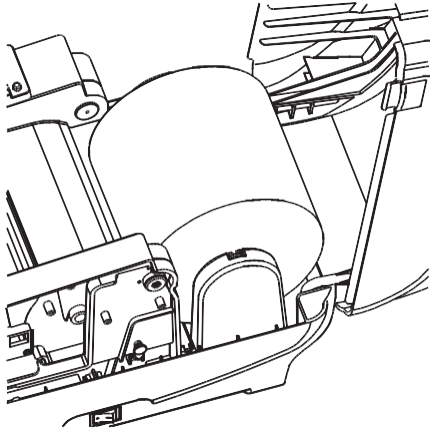
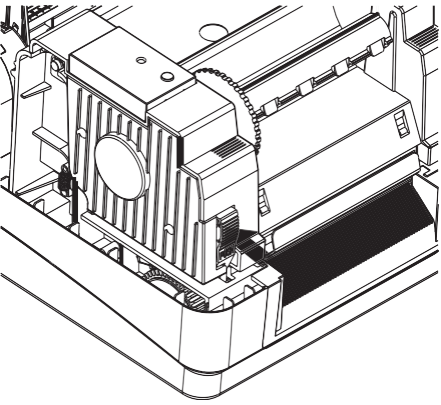
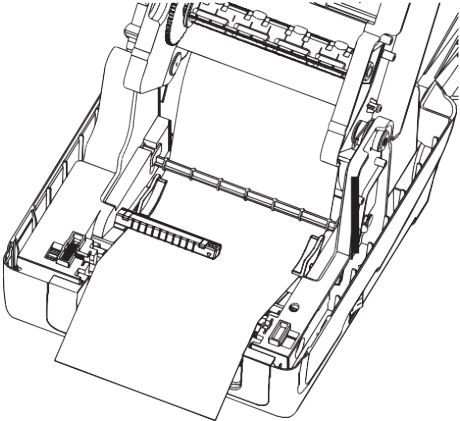
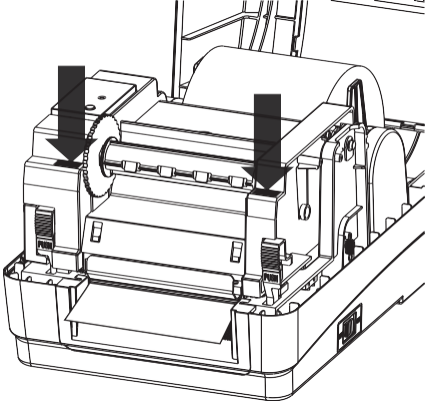


- |                              |                      |                      |
|------------------------------|----------------------|----------------------|
| 9 Ribbon rewind gear         | 12 Media stator      | 15 Indicator         |
| 10 Print head release button | 13 Printer top cover | 16 FEED button       |
| 11 Paper supply hub          | 14 Media holder      | 17 Ribbon rewind hub |

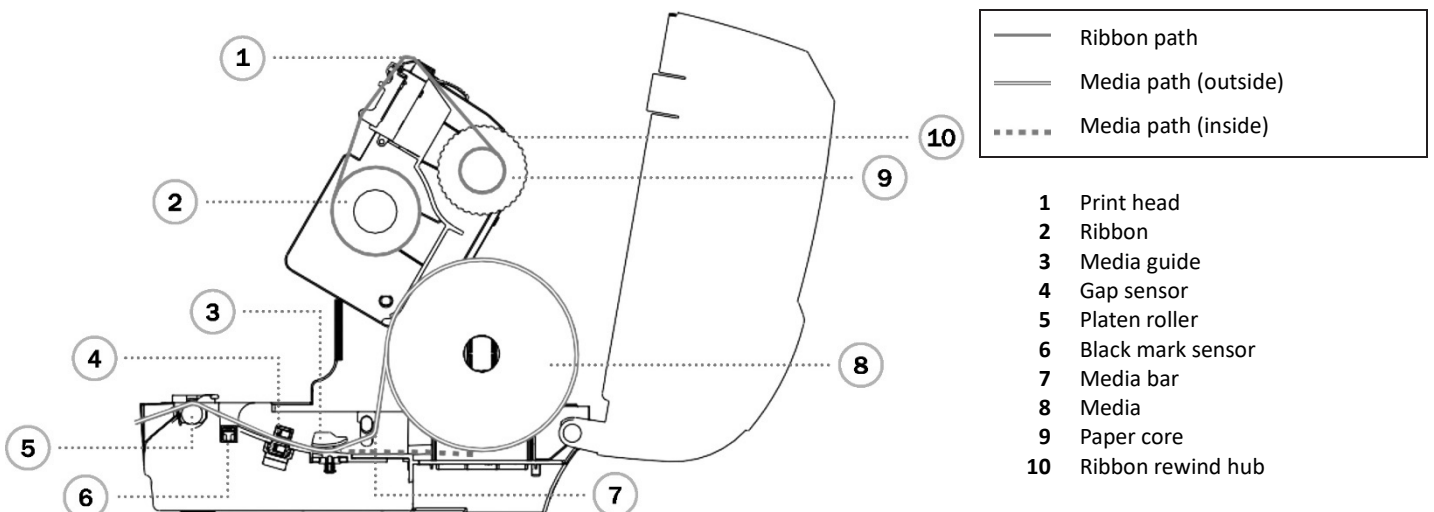
## Ribbon installation

		
<p>(1) Open the top cover by pressing the open button on both sides. Then lift the top cover to the maximum open angle.</p>	<p>(2) Insert ribbon paper core onto ribbon rewind hub.</p>	<p>(3) Align the notches on the left side and mount onto the spokes.</p>
		
<p>(4) Press the open button of print head.</p>	<p>(5) Insert the ribbon paper core onto ribbon supply hub.</p>	<p>(6) Align the notches on the left side and mount onto the spokes.</p>
		
<p>(7) Crossing print head, Stick the ribbon onto the ribbon rewind paper core and insert the paper core onto the rewind smoothly.</p>	<p>(8) Turn the ribbon rewind hub until the ribbon plastic leader is thoroughly wound and the black section of the ribbon covers the print head.</p>	<p>(9) Press down to close the print head, in accordance with the direction that the arrows in the picture indicate. In order to guarantee the print quality, please check and make sure the print head is closed completely.</p>

## Paper installation

		
<p>(1) Open the printer top cover by pressing the top cover open tabs located on each side of the printer.</p>	<p>(2) Put the paper roll into the middle of the label spindle and fix it.</p>	<p>(3) Place the paper roll onto the paper roll mount. (If your paper width is 4 inches, Can be removed from the fixed piece, direct paper scroll.)</p>
		
<p>(4) Push the print head release button to open the print head mechanism.</p>	<p>(5) Feed the paper printing side face up, through the media bar, media sensor and place the label leading edge onto the platen roller. Move the media guides to fit the label width.</p>	<p>(6) Close the print head mechanism by both hands and make sure the latches are engaged securely.</p>
<p>(7) Use "Diagnostic Tool" to set the media sensor type and calibrate the selected sensor. (Start the "Diagnostic Tool" → Select the "Printer configuration" tab → Click the "Calibrate Sensor" button) please refer to the diagnostic utility quick start guide for more information.</p>		

**Note:** Please calibrate the gap/black mark sensor when changing the media.



# Button functions

## 1. Feed labels

When the printer is ready, press the button to feed one label to the beginning of the next label.


## 2. Pause the printing job

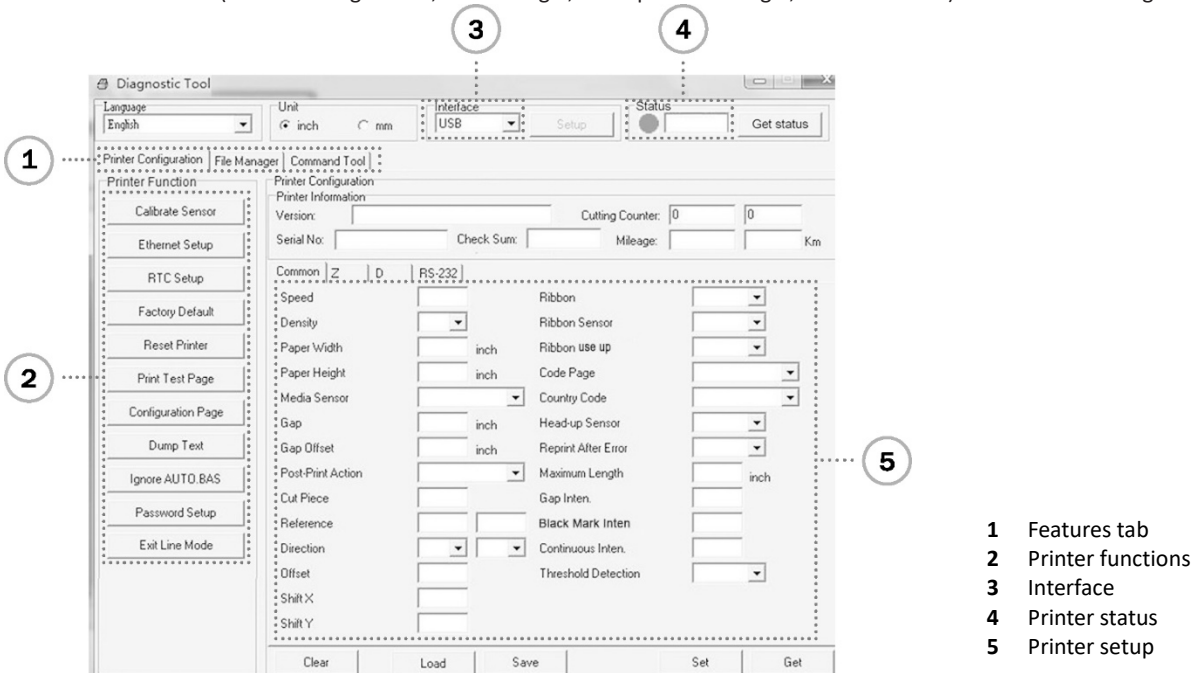
When the printer is printing, press the button to pause a print job, when the printer is pausing the Led will be green blinking. Press the button again to continue the printing job.

# Printer diagnostic tool

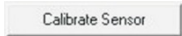
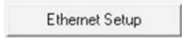

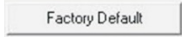



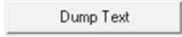

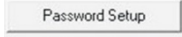
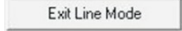
The Diagnostic Tool is a toolbox that allow users to explore the printer's settings and status; change a printer's settings; download graphics, fonts, and firmware, create a printer bitmap font, and to send additional commands to the printer, using this convenient tool, you can explore the printer status and settings and troubleshoot the printer

## Start the Diagnostic Tool

- (1) Double click on the Diagnostic Tool icon  (Diagnostic Tool.exe) to start the software.
- (2) There are four features (Printer Configuration, File Manager, Bitmap Font Manager, Command Tool) included in the Diagnostic utility.



(3) The detail function in the Printer Function Group are listed as below

	Function	Description
	Calibrate Sensor	Calibrate the sensor specified in the printer setup group media sensor field
	Ethernet Setup	Setup the IP address, subnet mask, gateway for the on board Ethernet
	RTC Setup	Synchronize printer Real Time Clock with PC
	Factory Default	Initialize the printer and restore the settings to factory default
	Reset Printer	Reboot the printer
	Print Test Page	Print a test page
	Configuration Page	Print printer configuration
	Dump Text	To activate the printer dump mode
	Ignore AUTO.BAS	Ignore the downloaded AUTO. BAS program
	Password Setup	Set Diag Tool password
	Exit Line Mode	Leave Line mode

\* For more information and features about this printer, please refer to User's Manual inside the CD disk.

\* Specifications, accessories, parts and programs are subject to change without notice.

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

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