

All usefull information to succeed in your printing business



T H E G T - 3 S E R I E S

# CookBook

v1.1

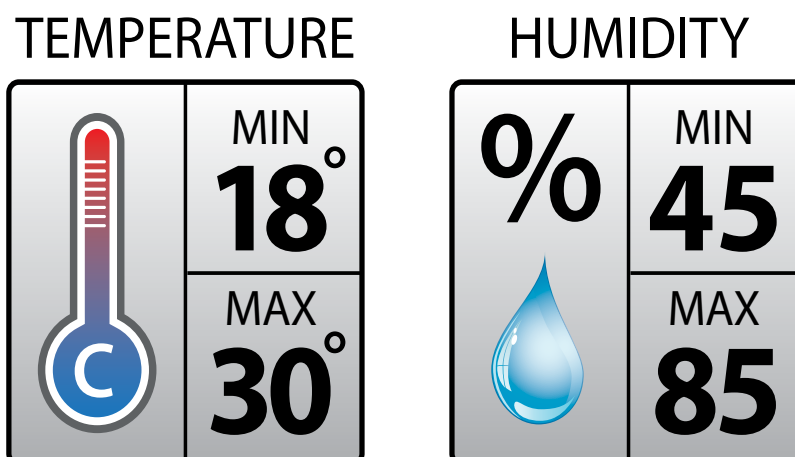


A reference guide for all GT-3 Series users

**brother**  
at your side



## > Mandatory Temperature & Humidity Requirements:



# FIRST BASIC STEPS



## > HOW TO DO A NOZZLE TEST ?

**! TO BE DONE EVERY WORKING DAY**

**NZC**

Always place the **Platen** at level **A**

**Menu > Test Print > Nozzle Check CMYK > OK** to check colors on white paper sheet

**Menu > Test Print > Nozzle Check White > OK** to check whites on transparent or black sheet

If not all the nozzles are firing, start a **Head Cleaning**

## > HOW TO DO A PRINT HEAD CLEANING ?

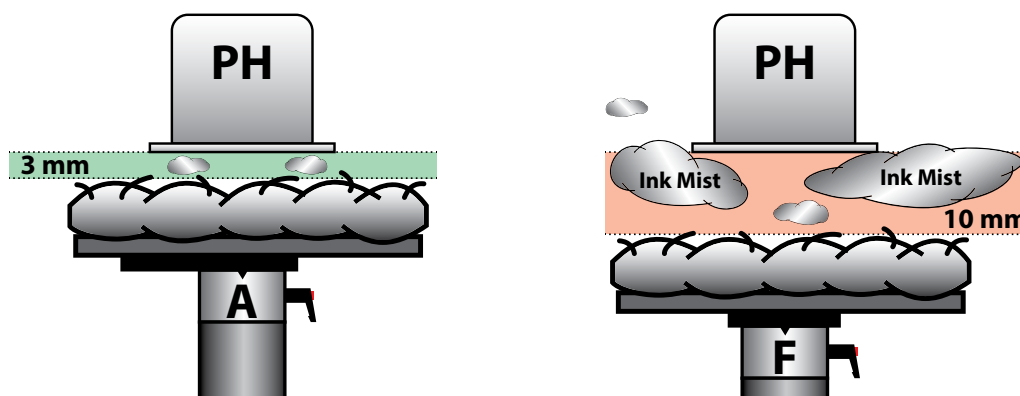
**PHC**

Only a few nozzles missing, then **Head Cleaning > Normal Cleaning ... and select PH + OK**

If more then 10 nozzles, perform **Head Cleaning > Powerful Cleaning ... and select PH + OK**

Perform a new Nozzle Test to check the result and redo if not all nozzles are firing

# BEST PRACTICE FOR PRINTING



> ALWAYS KEEP THE **CLOSEST DISTANCE** BETWEEN THE PRINTHEADS AND THE SURFACE OF THE GARMENT !



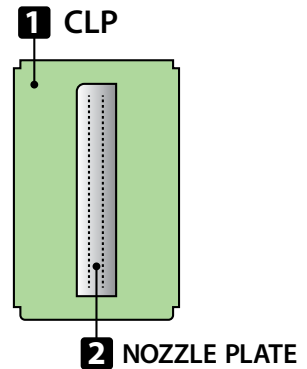
# HOW TO CLEAN PRINTHEADS

Go to the menu: **Maintenance** > **Nozzle Cleaning** *follow instructions and turn off printer*

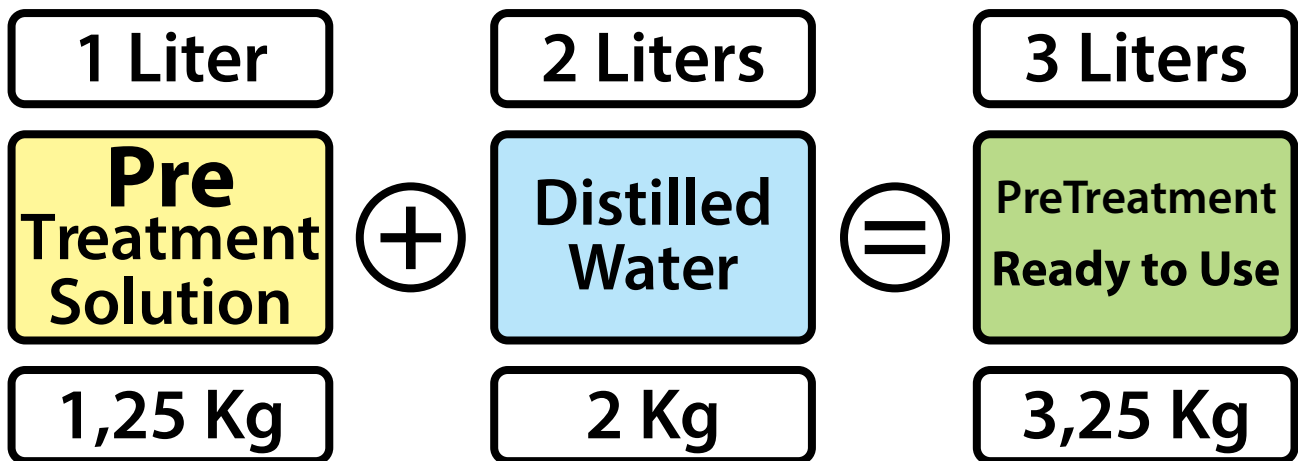
- 1** With **Cleaning sticks** and cleaning fluid...  
> Clean the outside of the nozzle metal plate (Green aria = CLP)

**! TO BE DONE EVERY WEEK**

- 2** With **Clean Applicator** sticks and cleaning fluid...  
> Clean the surface of the small inner plate with nozzles, only in **one direction** without pressure! Hold the stick by his end!



## PRE-TREATMENT RATIO



## PRE-TREATMENT QUANTITY on T-SHIRTS



## HEAT PRESS SETTINGS for Pre-Treatment



**Pre Treatment**  
1/2 distilled water

**35**  
Seconds

**180°C**  
**360°F**

**5 - 5,5**  
Bars  
**75 - 80**  
PSI

## HEAT PRESS & TUNNEL CURING SETTINGS



**Ink Curing**  
Heat Press

**35**  
Seconds

**180°C**  
**360°F**

**0,7 - 1,4**  
Bars  
**10 - 20**  
PSI

**Ink Curing**  
Tunnel Dryer

**3,30**  
Minutes

**160°C**  
**320°F**

## DAILY MAINTENANCE



- 1 Shake well all the White cartridges during 45-60 seconds
- 2 **White Tube Flush** > **All Whites**
- 3 Print a Nozzle Check and perform PrintHead Cleanings if necessary
- 4 Check the environmental conditions for best print result:  
> min. temperature **18°** & min. **45%** humidity



# WEEKLY STANDARD MAINTENANCE

## > WHITE Maintenance Standard Procedure for GT3 Series

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
361 381 W	1	WTC ⊕ LW	WTF	WTF	WTF	WTF	-	-
	2	WTC ⊕ LW	WTF	WTF	WTF	WTF	-	-
	3	WTC ⊕ LW	WTF	WTF	WTF	WTF	-	-
	4	WTC ⊕ LW	WTF	WTF	WTF	WTF	-	-

White Tube Cleaning

Load White

White Tube Flush

⊕ Shaking White Ink      Everyday before operating !

⊕ Cleaning & Greasing



# MAINTENANCE with WHITE AGITATION

> ONLY FOR USERS PRINTING A **MINIMUM** OF 15 PRINTS WITH WHITE INK ON BLACK OR DARK T-SHIRTS A DAY !!!

## > 5 working days a week example

Min. 15 white prints a day !

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
361 381 W	1	WTC ⊕ LW	WA	WA	WA	WA	-	-
	2	WTF	WA	WA	WA	WA	-	-
	3	WTC ⊕ LW	WA	WA	WA	WA	-	-
	4	WTF	WA	WA	WA	WA	-	-

## > 3 or 4 working days a week example

Min. 15 white prints a day !

Week	Mon	Tue	Wed	Thu	Fri	WE	
361 381 W	1	WTC ⊕ LW	WA		WTF	WA	-
	2		WTC ⊕ LW	WA	WA		-
	3	WTC ⊕ LW	WA	WA			-
	4			WTC ⊕ LW	WA	WA	-

White Tube Cleaning

Load White

White Tube Flush

⊕ Shaking White Ink      Everyday before operating !

White Agitation



> **Brother website:** *latest printer drivers & manuals*

<http://www.brother.com/download/embroidery/index.htm>

User : **gtuser**

Password : **bro\_541**

## USEFULL TOOLS FOR GT SERIES



[www.touchdownplaten.com](http://www.touchdownplaten.com)

[www.capplaten.com](http://www.capplaten.com)

[www.gripperkit.com](http://www.gripperkit.com)

[www.shoeplaten.com](http://www.shoeplaten.com)

## P-DIP SOFTWARE



**P-DIP** will replace the existing "GT Separator PNG".

This program will recognize and open ".**bmp**, .**gif**, .**jpg**, and .**png**" formats.

It is not a graphic image editing software. This is for outputting an image that has **gradients** and **fades** to the Brother GT-3 printer(s).

P-DIP will also correct slight **anti-alias** issues.

> **BE SURE TO UPDATE THE PRINTER DRIVER TO THE LATEST VERSION**



# MAINTENANCE BEFORE LONGTERM STORAGE

## > If printer is only used for Color printing [no White]

Only **C** **M** **Y** **K**

	Preparation for Storage	Daily Maintenance	Regular maintenance
<b>C</b> <b>M</b> <b>Y</b> <b>K</b> Side	NONE	NONE	NONE
<b>W</b> <b>W</b> <b>W</b> <b>W</b> Side	NONE	<b>NZC</b> Print W. Nozzle Check	<b>White Tube Cleaning</b> > once a Week!



+ in any case, clean the **CLP** of all Print Heads **before** storage! [see page 10]  
+ clean **Wiper Blades** & rubber **Caps** [see page 4] + insert new **Wiper Cleaners** [see page 7]

## > If printer will NOT work at all, for more than 2 weeks

	Preparation for Storage	Every 2 Weeks
<b>C</b> <b>M</b> <b>Y</b> <b>K</b> Side	<b>Color Tube Cleaning</b> + Clean the Caps & Wipers	Clean the Caps & Wipers + Load Wash Liquid in Caps
<b>W</b> <b>W</b> <b>W</b> <b>W</b> Side	<b>White Tube Cleaning</b> + Insert <b>Capping</b> Cartridges	Load <b>Maintenance Solution</b> in White tubes* + <b>Capping</b> Cartridges

\* via Load White and MNT Cartridge with MNT solution instead of White ink cartridge



# HOW TO CREATE A LOG FILE

Switch on the printer and insert a **USB stick**.

Go to the menu: **Maintenance** > **Log copy to USB**



# HOW TO CONTACT MY DEALER ;-)






Company Name:


Representative:

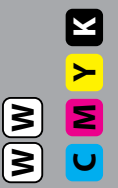




Email address:

Phone number:

> Driver WHITE settings for Brother GT3 Series printers

<b>381</b> 	 600 dpi	<b>Highlight</b> <b>Whiteness</b>  Print Time  Layers  Plate Move	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
			200 % X1 1 1 X2 1 1	300 % X1 1 1 X2 1 1	400 % X1 1 1 X2 1 1	466 % X2 2 1 X2 1 1	555 % X2 2 1 X2 1 1	667 % X2 2 1 X4 2 1	800 % X2 2 1 X4 2 1	867 % X3 1+2 2 X4 2 1	933 % X3 1+2 2 X4 2 1	1067 % X3 1+2 2 X4 2 1

 Better to use 1200 dpi!

<b>361</b> 	 600 dpi	<b>Highlight</b> <b>Whiteness</b>  Print Time  Layers  Plate Move	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
			200 % X1 1 1 X2 1 1	300 % X2 2 1 X4 2 1	400 % X2 2 1 X4 2 1	466 % X3 1+2 2 X4 2 1	555 % X3 1+2 2 X4 2 1	667 % X4 2+2 2 X6 1+2 2	800 % X4 2+2 2 X6 1+2 2	867 % X5 2+1+2 3 X8 2+2 2	933 % X5 2+1+2 3 X8 2+2 2	1067 % X6 2+2+2 3 X8 2+2 2