

All useful information to succeed in your printing business



THE GT-3 SERIES

CookBook

v1.1



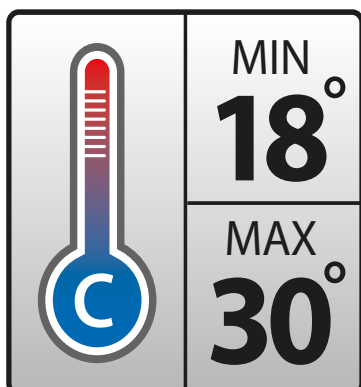
A reference guide for all GT-3 Series users

brother
at your side

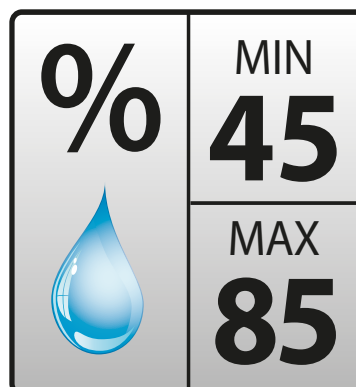


> Mandatory Temperature & Humidity Requirements:

TEMPERATURE



HUMIDITY



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 ?

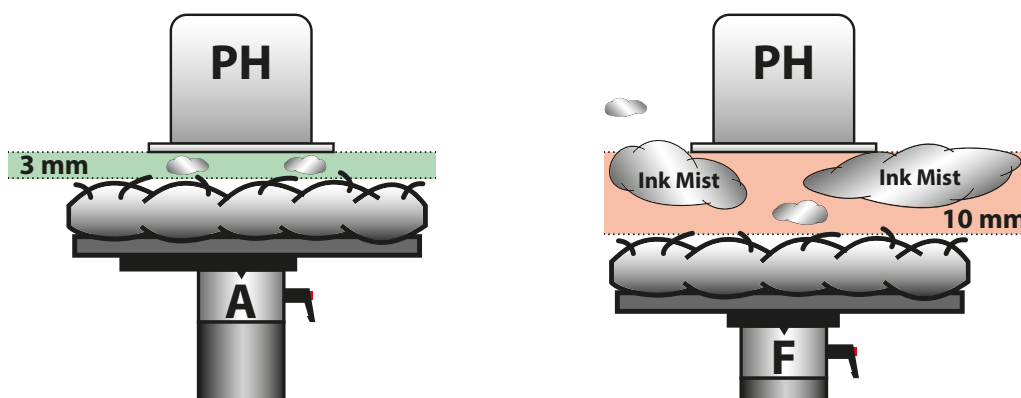
PHC

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 !



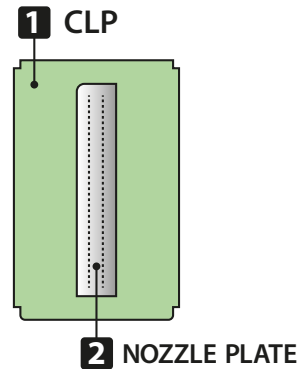
HOW TO CLEAN PRINTHEADS

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

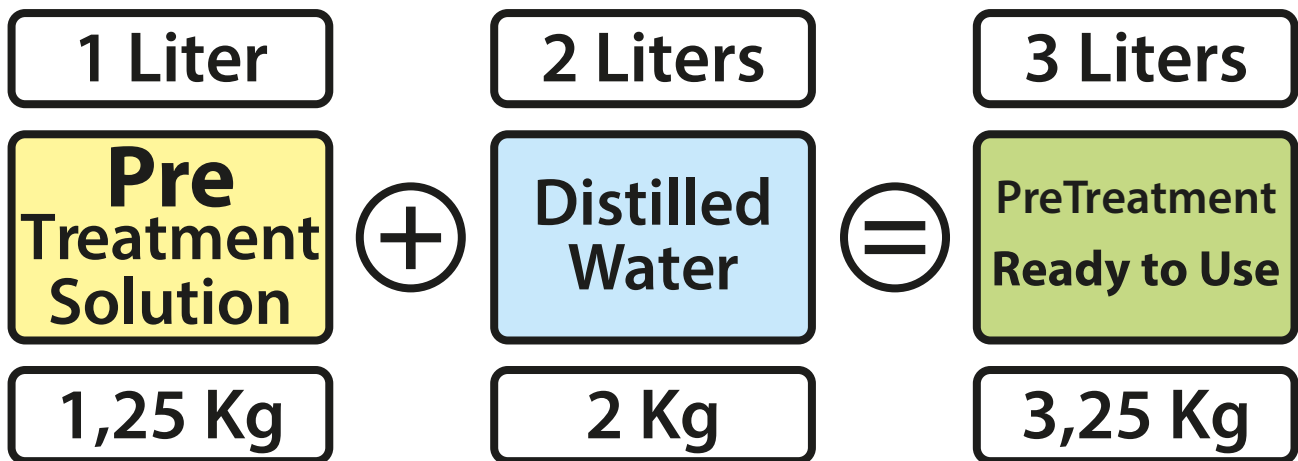
- 1** With **Cleaning sticks** and cleaning fluid...
> Clean the outside of the nozzle metal plate (Green aria = CLP)

! 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
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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

www.capplaten.com

www.gripperkit.com

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
C M Y K Side	NONE	NONE	NONE
W W W W Side	NONE	NZC Print W. Nozzle Check	White Tube Cleaning > 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
C M Y K Side	Color Tube Cleaning + Clean the Caps & Wipers	Clean the Caps & Wipers + Load Wash Liquid in Caps
W W W W Side	White Tube Cleaning + Insert Capping Cartridges	Load Maintenance Solution in White tubes* + Capping 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:

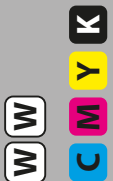







Email address:

Phone number:

> Driver **WHITE** settings for Brother GT3 Series printers

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

 Better to use 1200 dpi!

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