A reference guide for all GT-3 Series users
ENVIRONMENTAL CONDITIONS

> Mandatory Temperature & Humidity Requirements:

<table>
<thead>
<tr>
<th>TEMPERATURE</th>
<th>HUMIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN 18°C</td>
<td>MIN 45%</td>
</tr>
<tr>
<td>MAX 30°C</td>
<td>MAX 85%</td>
</tr>
</tbody>
</table>

FIRST BASIC STEPS

> HOW TO DO A NOZZLE TEST?

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?

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

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)
   1 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

1 Liter Pre Treatment Solution
   1,25 Kg

2 Liters Distilled Water
   2 Kg

3 Liters PreTreatment Ready to Use
   3,25 Kg

PRE-TREATMENT QUANTITY on T-SHIRTS

Pre Treatment Ready to use Quantity

DARK Ts 30 Grams

MEDIUM Ts 24-27 Gr.

LIGHT Ts 14-17 Gr.
HEAT PRESS SETTINGS for Pre-Treatment

- **Pre Treatment**: 35 Seconds
  - Temperature: 180°C (360°F)
  - Pressure: 5 - 5.5 Bars (75 - 80 PSI)

HEAT PRESS & TUNNEL CURING SETTINGS

- **Ink Curing HeatPress**: 35 Seconds
  - Temperature: 180°C (360°F)
  - Pressure: 0.7 - 1.4 Bars (10 - 20 PSI)

- **Ink Curing Tunnel Dryer**: 3.30 Minutes
  - Temperature: 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

<table>
<thead>
<tr>
<th>Week</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
<th>Sun</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WTC + LW</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>WTC + LW</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>WTC + LW</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
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<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>WTF</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

- **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 !**

<table>
<thead>
<tr>
<th>Week</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
<th>Sun</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WTC + LW</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>WTF</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>WTC + LW</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>WTF</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

- **White Tube Cleaning**
- **Load White**
- **White Tube Flush**
- **Shaking White Ink** Everyday before operating!
- **Cleaning & Greasing**

#### > 3 or 4 working days a week example **Min. 15 white prints a day !**

<table>
<thead>
<tr>
<th>Week</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>WE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WTC + LW</td>
<td>WA</td>
<td></td>
<td>WTF</td>
<td>WA</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>WTC + LW</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>WTC + LW</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>WA</td>
<td>WTC + LW</td>
<td>WA</td>
<td>WA</td>
<td>-</td>
</tr>
</tbody>
</table>

- **White Tube Cleaning**
- **Load White**
- **White Tube Flush**
- **Shaking White Ink** Everyday before operating!
- **White Agitation**

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

> 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

> 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]  

<table>
<thead>
<tr>
<th>Preparation for Storage</th>
<th>Daily Maintenance</th>
<th>Regular maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>C M Y K Side</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>W W W W W Side</td>
<td>NONE</td>
<td>NZC Print W. Nozzle Check</td>
</tr>
</tbody>
</table>

+ 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

<table>
<thead>
<tr>
<th>Preparation for Storage</th>
<th>Every 2 Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>C M Y K Side</td>
<td>Clean the Caps &amp; Wipers</td>
</tr>
<tr>
<td>W W W W W Side</td>
<td>Load Maintenance Solution in White tubes*</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>Highlight</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whiteness</td>
<td>200 %</td>
<td>300 %</td>
<td>400 %</td>
<td>466 %</td>
<td>555 %</td>
<td>667 %</td>
<td>800 %</td>
<td>867 %</td>
<td>933 %</td>
<td>1067 %</td>
</tr>
<tr>
<td>Print Time</td>
<td>X1</td>
<td>X1</td>
<td>X1</td>
<td><strong>X2</strong></td>
<td>X2</td>
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<td>1</td>
<td>1</td>
<td>1</td>
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<td>1</td>
</tr>
</tbody>
</table>

Better to use 1200 dpi!