



Rubenstein RB Digital Inc.

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GTX

The X factor for your garment printing business



BrotherDTG.com/GTX

brother
at your side



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GTX Series Garment Printer

Machine Info:

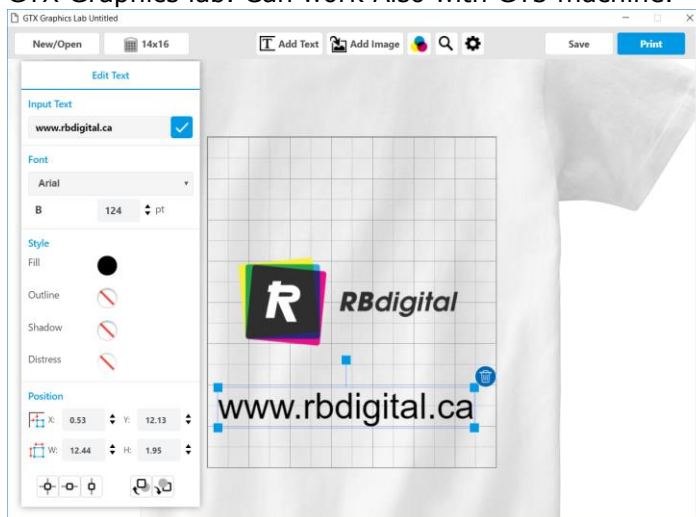
- **Size:** 55.1"(W) x 51.2"(D) x 21.7"(H) (1400mm x1300mm x550mm)
- **Weight:** 264 lbs.(approx.120kg)
- **Maximum Print Area:** 16" x 21" (406.4mm x533.4mm)
- **Ink Type:** Water based pigment ink (200ml and 500ml and 700 ml pouch available)
- **Print Head:** Qty 2 Heads Piezo Head 420 nozzles per Head, total 1,680 nozzles per Head
- **Power Supply:** AC 100V - 240V, 50/60Hz
- **Power Consumption:** 0.8A (Average) (Reference: 0.3A(during circulation))
- **USB Stick:** (Under 32GB, FAT32 format)
- **Standard Interfaces:** USB 2.0, LAN/Ethernet Connectivity (10 Base-T, 100 Base-TX)
- **Platen size:**
 - 16X21 platen 16.0 in. x 21.0 in. (406.4 mm x 533.4 mm)
 - 16X18 platen 16.0 in. x 18.0 in. (406.4 mm x 457.2 mm)
 - 14X16 platen 14.0 in. x 16.0 in. (355.6 mm x 406.4 mm)
 - 10X12 platen 10.0 in. x 12.0 in. (254.0 mm x 304.8 mm)
 - 7X8 platen 7.0 in. x 8.0 in. (177.8 mm x 203.2 mm)

Computer Info:

- Windows®7, 8.1, & 10 (32/64 bit)
- Mac®OSX®v10.12

Software Include:

GTX Graphics lab. Can work Also with GT3 machine.





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Graphic Software recommended:

- Adobe Illustrator
- Adobe Photo Shop
- Corel Draw
- Corel Paint

Customer Needed to Start:

ink

- Cyan GCX-4C50 (500 cc)
- Magenta GCX-4M50 (500 cc)
- Yellow GCX-4M50 (500 cc)
- Black GCX-4K50 (500 cc)
- White GCX4W700 (700cc)

Ink cost:

500cc CMYK \$250.00

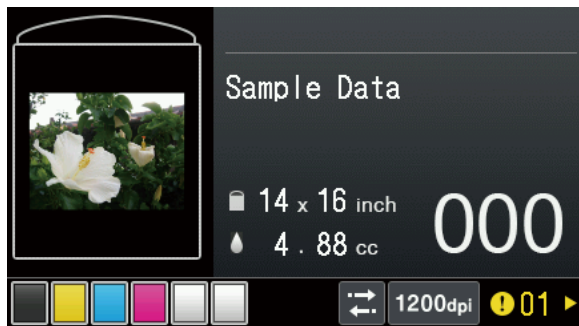
White Ink pack

Qty 2 700cc \$600.00

- Cleaning Solution BGCX40E002K0052 bottle 1900 ml Approx. \$105.00
- Maintenance solution Pouch BGCX40S07000012 (700 CC Pouch) Approx. \$205.00

What's New.

- Display Led



- Circulation Pump
- No more Tube wash
- Faster CMYK design 10X12 (43 sec.) (White 1.40sec.)
- Only 1200 dpiX1200 dpi. No more 600 dpi
- Bulk ink Bag with Chip



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Machine can be run only CMYK. Need to insert maintenance solution. Can not be run with out liquid in the line.

Ink consummation

For White

When Start machine, Machine clean for 5 min. use 10.8cc for the white

White ink, 2 bags, 700cc per bag

Cost \$600.00 for 1,400cc

Total. Cost per cc \$0.43

5 min Cleaning \$0.43 X 10.8cc use = **\$4.64**

For CMYK

When Start machine, Machine clean for 5 min. use 1.2cc per color= 4.8cc for 4 colors

1 Bags color ink, 700cc per bag

Cost \$300.00 X4 colors=\$1.200.00 for 2,800cc

Total cost per cc \$0.25

5 min Cleaning \$0.25 X 4.8cc use = **\$1.20**

Initial ink

Cyan	52.9cc
Magenta	52.2cc
Yellow	48.9cc
Black	48.9cc
W1-2	238.9cc
W3-4	238.9cc

Little waste to initial the machine. That is the ink that stays in the machine.

For transport Machine can be put on the side to for moving. Brother can supply the moving Rack.

Maintenance:

- Daily cleaning
 - Nozzle guard (page 5-6)
 - Cleaning wiper (page 7)
 - Cleaning exhaust (page 8-9)
 - Cleaning Suction cap (page 10)

Precautions to keep good printing quality/use printer over the long term

Cleaning the nozzle guard

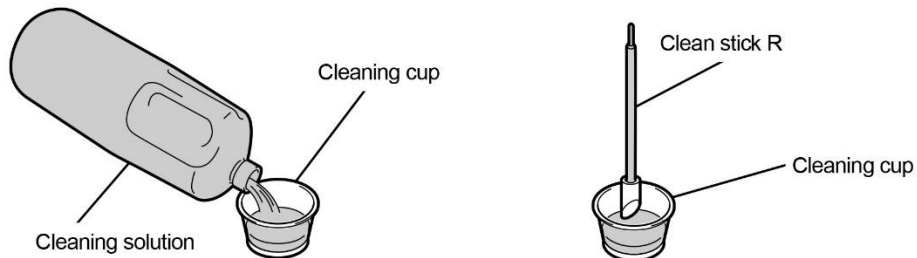
- (1) Put a proper amount of cleaning solution into the cleaning cup.
- (2) Moisten a new clean stick R with the cleaning solution.

<IMPORTANT>

- Use a new clean stick R when you start cleaning.
- Never touch the tip end of clean stick R with your hand. If any sebaceous matter is attached to the wiper, it may result in a printer malfunction.
- Do not use other fluids (water, etc.), because they may damage the print heads.
- Do not return the cleaning solution which has been put in the cleaning cup to the cleaning solution bottle.

<NOTE>

- For a proper work operation, be sure to wear the printer-provided gloves.



X0051

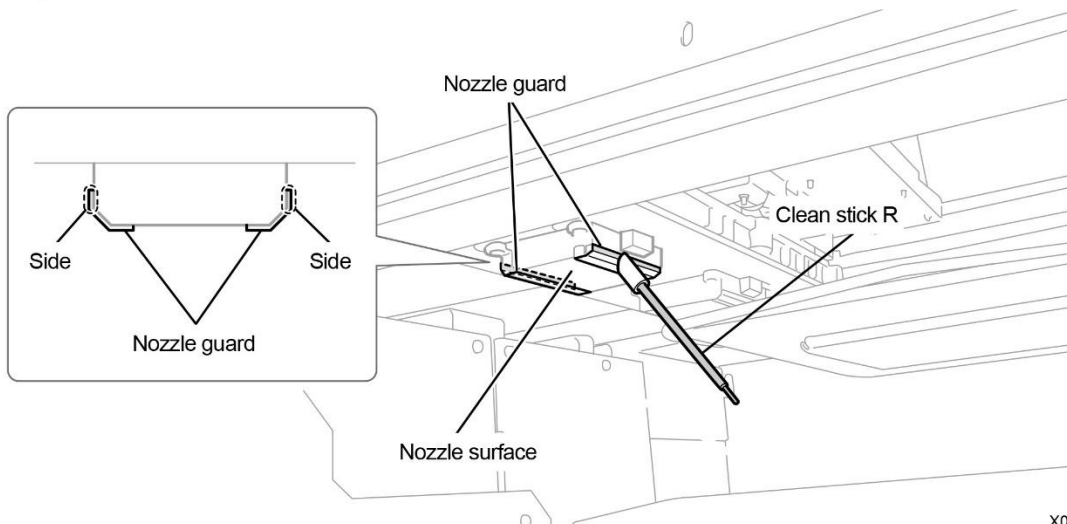
- (3) Wipe clean the sides of the nozzle guard with the clean stick R.

<IMPORTANT>

- Be sure not to touch the nozzle surface as well as the level surface and sidling surface of the nozzle guard.

<TIPS>

- Manually move the carriage to such a position that you can perform the cleaning with ease.



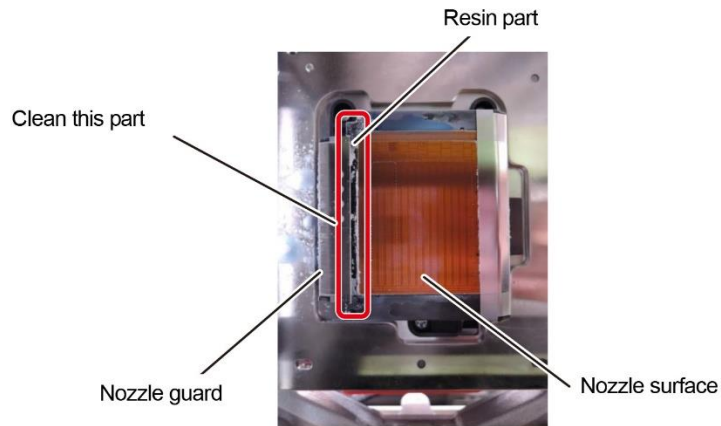
X0060

Precautions to keep good printing quality/use printer over the long term

- (4) Wipe the resin part between the print head's nozzle surface and nozzle guard.

<IMPORTANT>

- Be sure not to touch the nozzle surface as well as the level surface and sidling surface of the nozzle guard.



X0172

Cleaning conditions

Pre-cleaning state	Post-cleaning state
<p>Resin part</p>	<p>Resin part</p>

X0173

- (5) Rinse the clean stick R in the cleaning cup to use it for cleaning of the wiper to be performed next.

<IMPORTANT>

- Be sure to use the clean stick R separately for white ink and color ink.



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Precautions to keep good printing quality/use printer over the long term

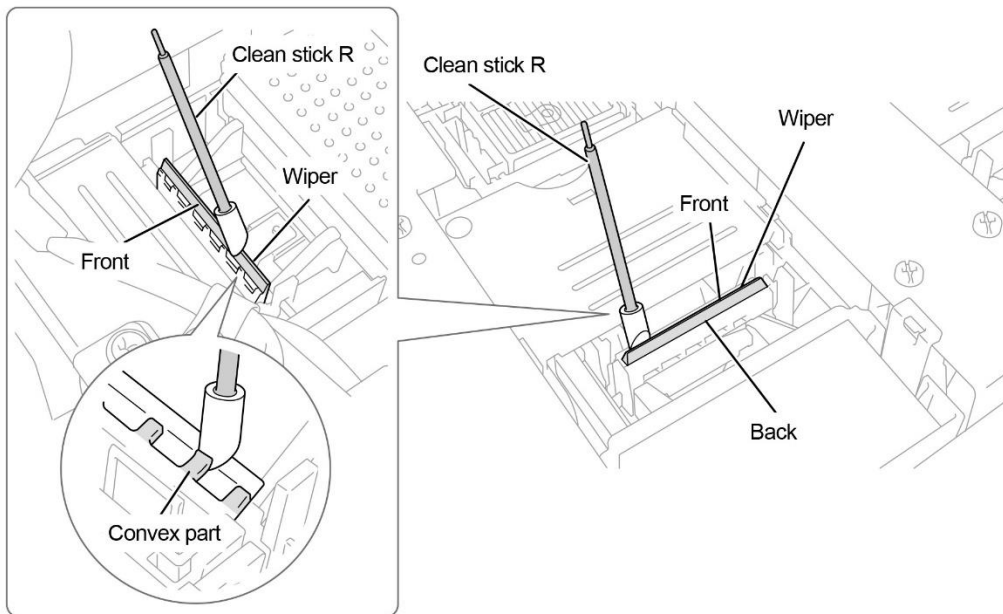
Cleaning wiper

- (1) Use clean stick R to wipe clean the surface of the wiper as well as the gap between the convex part and the wiper.

<IMPORTANT>

- Never touch the tip end of clean stick R with your hand. If any sebaceous matter is attached to the wiper, it may result in a printer malfunction.
- The clean stick R used for cleaning the nozzle guard should be rinsed in the cleaning cup before the next use. Be sure to use the clean stick R separately for color ink and white ink.

- (2) Use the clean side of clean stick R to wipe clean the back of the wiper.



X0052

- (3) Rinse the clean stick R in the cleaning cup to use it for cleaning of the exhaust cap to be performed next.

<IMPORTANT>

- Be sure to use the clean stick R separately for white ink and color ink.



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Cleaning exhaust cap

- (1) Wipe clean the rubber seal of exhaust cap with the clean stick R.

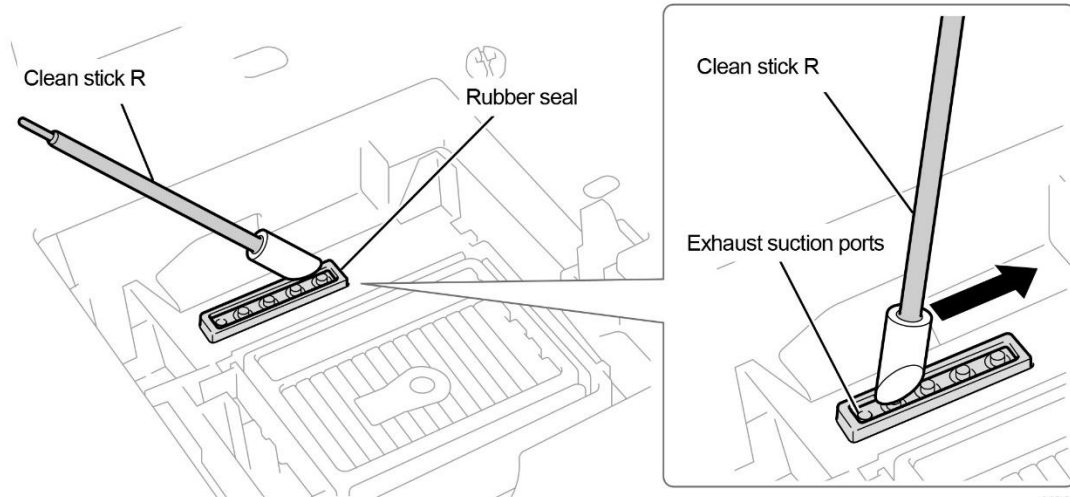
<IMPORTANT>

- Never touch the tip end of clean stick R with your hand. If any sebaceous matter is attached to the wiper, it may result in a printer malfunction.
- The clean stick R used for cleaning the nozzle guard and wiper should be rinsed in the cleaning cup before the next use. Be sure to use the clean stick R separately for color ink and white ink.

- (2) Use the clean stick R to soak up the ink accumulated in the exhaust cap, and remove it.

<IMPORTANT>

- If there is any ink clot in the exhaust cap, move the clean stick R in the direction as illustrated below. If the stick is moved toward yourself, any of the exhaust suction ports may be clogged with ink clot.



X0054

- (3) Rinse the clean stick R in the cleaning cup to use it for cleaning of the suction cap to be performed next.

<IMPORTANT>

- Be sure to use the clean stick R separately for white ink and color ink.

<TIPS>

- Some cleaning solution may remain in the exhaust cap, but it will not cause any functional problem.



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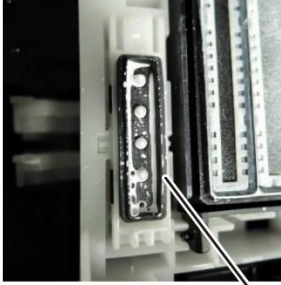
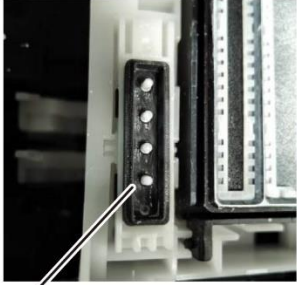
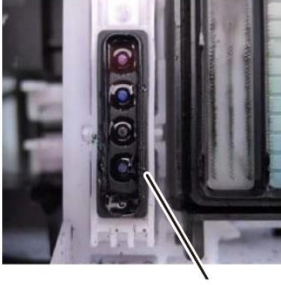
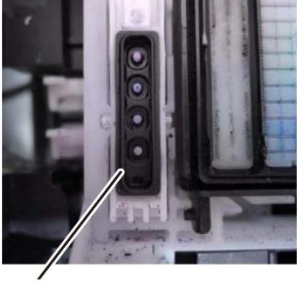
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Precautions to keep good printing quality/use printer over the long term

Cleaning conditions

	Pre-cleaning state	Post-cleaning state
On the white side	 Exhaust cap rubber part	 Exhaust cap rubber part
On the color side	 Exhaust cap rubber part	 Exhaust cap rubber part



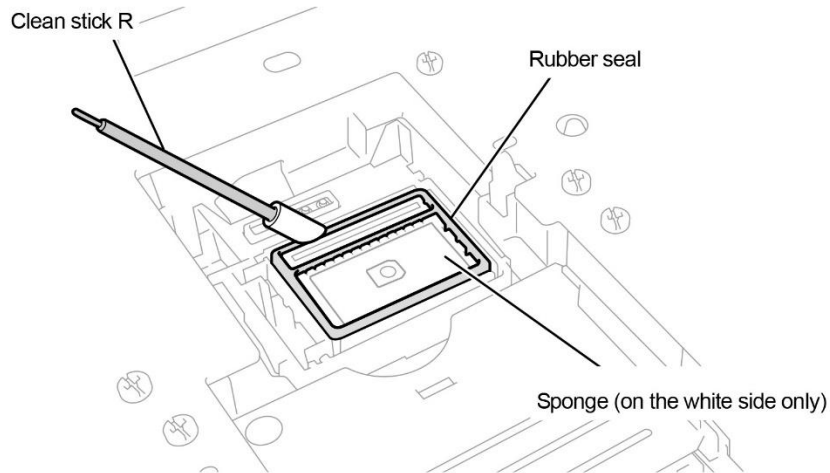
Precautions to keep good printing quality/use printer over the long term

Cleaning suction cap

- (1) Wipe the rubber seal of the suction cap with one side of the tip portion of clean stick R in parallel with the seal.

<IMPORTANT>

- Avoid touching the sponge of the suction cap on the white side. Otherwise, the sponge may be dismounted.
- Never touch the tip end of clean stick R with your hand. If any sebaceous matter is attached to the wiper, it may result in a printer malfunction.
- The clean stick R used for cleaning the nozzle guard, wiper, and exhaust cap should be rinsed in the cleaning cup before the next use. Be sure to use the clean stick R separately for color ink and white ink.



X0053

- (2) When an ink clot comes to the surface, pinch it with tweezers and remove it.

<IMPORTANT>

- Be sure not to pinch the rubber seal. If it is damaged, its sealing property will be degraded, which in turn may lead to non-ejection of ink-jet droplets from the print heads.

- (3) Replace the clean stick R with a new one, rinse the cleaning cup, and clean the nozzle guard of the color side head.

<IMPORTANT>

- Be sure to use the clean stick R separately for white ink and color ink.
- The used clean stick R should be disposed of, and should not be reused.



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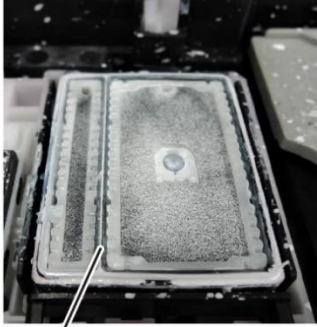
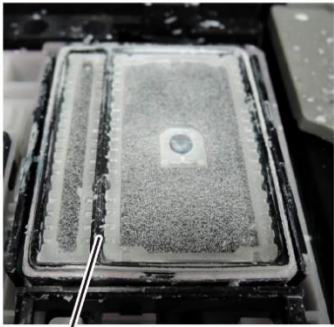
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Cleaning conditions

Pre-cleaning state	Post-cleaning state
 <p data-bbox="467 844 685 871">Suction cap rubber part</p>	 <p data-bbox="961 844 1179 871">Suction cap rubber part</p> <p data-bbox="1360 848 1406 867">X0162</p>



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For pre-treatment

Important: 1 water for 1 pre-treatment

Do not prepare too many in advance. Color of the shirt will change because of the pre- treatment to strong.

Heat after printing

- A heat press Machine can be used at 365°F (180°C) for 35 sec.
- A conveyor oven is recommended to support high productivity of the printer at 320°F (160°C) for 3.5 min. Time and temperature may vary depending on which manufacturer's dryer is used

When Not Using for a Long Period of Time: within 2 weeks

- Check the amount of waste ink in the waste ink tank, and if the tank is filled with waste ink up to its one-half or higher level, discard the ink.
- Check the amount of cleaning solution in the cleaning liquid tank, and refill the tank when its amount is below the proper level.
- Stir the white ink if a white ink cartridge stirring message is displayed on the operation panel screen.
- As required, print out a nozzle check pattern. Print a Shirt

To Download the Brochure, go to

<http://brotherdtg.com/assets/pdf/GTX%20Brochure%20Final%20-%20RGB%208.25.pdf>

Brother GTX Cleaning Supplies and Cleaning Schedule Summary

Consumable Supplies

		40 pcs/day	160 pcs/day
SB6673 Wiper Cleaner	2 pcs/set	Every 2 months	Monthly
SB7006 Flushing foam	2 pcs/set		Monthly
SB7007 Fan Filter	2 pcs/set	Monthly	Every 2 weeks
SB7653001 Clean Stick R	50 pcs/set	Every 6 months	Every 4 months
GCX-4E02 Cleaning Solution	1.9kg	Every 3 months	Monthly

Daily Cleaning

- Nozzel Guard
- Cleaning Wiper
- Exhast Cap
- Suction Cap

Weekly Cleaning

- Capping Station