Ricoh StreamPunch™ Ultra/ Ultra MP

Installation Manual

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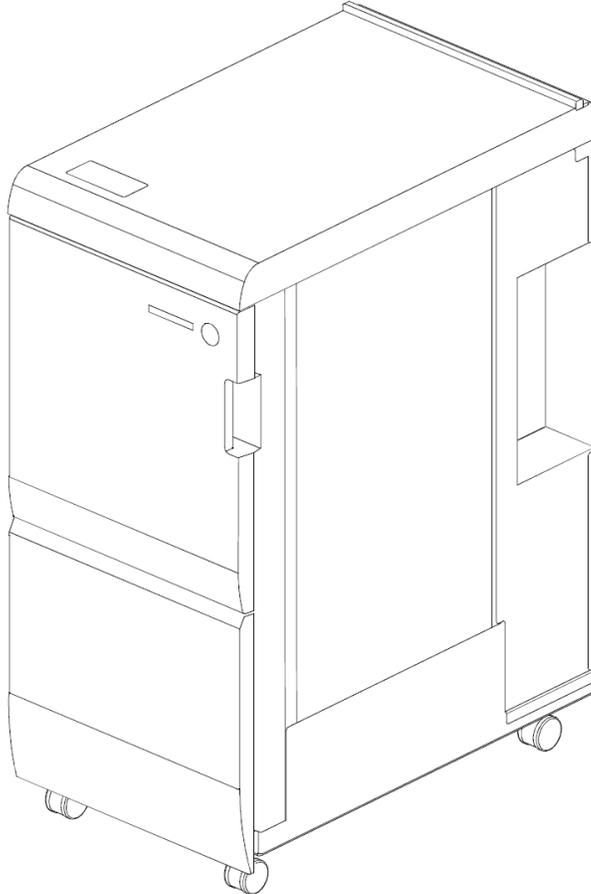
1. Recommendations and Pre-requisites

- You will need the installation kit provided with the StreamPunch Ultra/MP unit, which can be found in the main carton.
- Using a jogging unit on the finisher will improve the stack quality for binding purposes.

2. Unpacking

- Inspect the outside of the package for shipping damage. If there is evidence of shipping damage, contact the shipping carrier immediately.
- Remove the punch from its shipping carton. Three people are recommended, one lifting at the casters while two lift at the top cover. DO NOT lift using the front door panel.
- Retain the smaller accessory box; it contains parts required for correct installation of the StreamPunch Ultra/MP.
- Inspect for any concealed damage to the unit. If there is evidence of concealed shipping damage, contact the shipping carrier immediately.
- Remove all shipping tape from doors and levers.

3. Configurations

StreamPunch **Ultra** can be installed with the below printer/finisher configurations:

Product name	Project name	Peripheral
Pro C5300	Charis-C3 pro	SR5110 / SR5120 / SK5040
Pro C5310		
Pro 8300	Baron-C3	SR5110 / SR5120 / SK5040
Pro 8310		
Pro 8320		
Pro C7200	Taurus-C3/C3.5	SR5050 / SR5060 SR5110 / SR5120 / SK5040
Pro C7210		
Pro C9200	Andromeda-P2/P2.5	SR5050 / SR5060 SR5110 / SR5120 / SK5040
Pro C9210		

Use communication cable 7715727

StreamPunch **Ultra MP** can be installed with the below printer/finisher configurations:

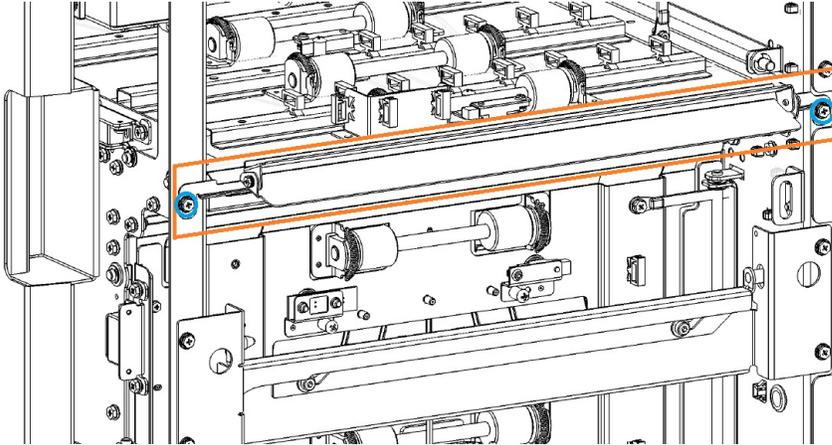| Product name	Project name	Peripheral
MP 6503	Martini-C6	SR4080
MP 7503		
MP 9003		
IM C6500	Charis-C3 office	SR4140
IM C8000		

Use communication cable 7718535

4. Sheet guides installation

4.1 Entrance side guides
Install the entrance guide provided in the Installation kit with the supplied M4-8mm long round tipped screws (2 Nos.).

If installing the StreamPunch Ultra/MP directly downstream to a printer that utilizes a decurl unit, the Entrance guides need not be installed.

4.2 Exit side guides
Depending on the downstream device choose the appropriate Exit guide from the Installation kit. Install the appropriate Exit guide with the supplied M4-8mm long round tipped screws (2 Nos.)
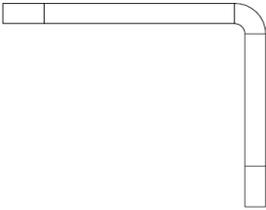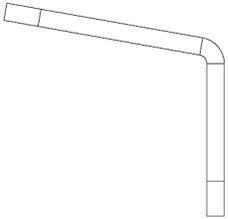
|	
Straight exit guide	Angled exit guide
SR5050, SR5060, SR4080, SR4110, SR5070 & SR5080	SK5040
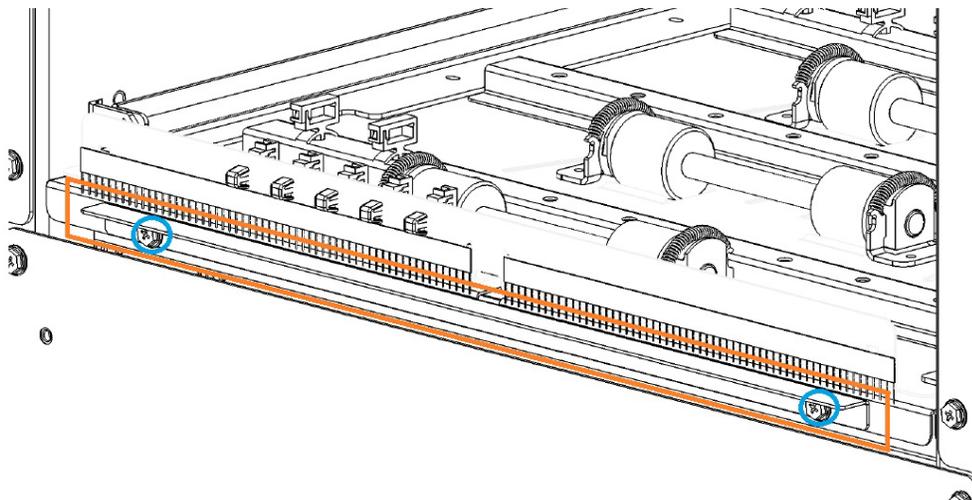
5. Docking Bracket Installation

The docking brackets are shipped in a separate bag along with size M4 mounting screws (not shown). The screws are 6mm long.

Important Note: If installing punch unit directly downstream to a printer that utilizes a decurl unit, docking bracket D434-1476 must be used to complete installation. Part is available through standard parts channel.
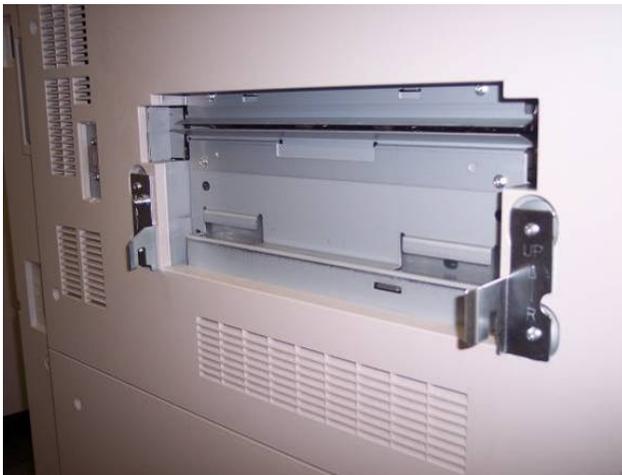
Install the supplied docking brackets as shown with the bracket marked "R" on the right side facing you as you look at the exit side of the upstream device. Install the bracket marked "L" on the left side facing you. Both brackets should be oriented with the arrow facing up.

If there is already a docking bracket on the upstream device, it needs to be removed as it will be used in the next step.
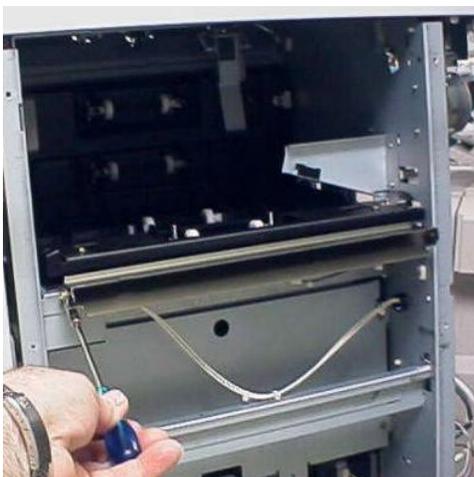
Before the system can be docked correctly the paper guide on the finisher needs to be removed. This is not used on the finisher when in line with the StreamPunch Ultra/MP.

The docking bracket(s) provided with StreamPunch Ultra/MP's upstream device should be attached to the downstream side of the StreamPunch Ultra/MP with (4) size M4 screws.

6. Cable connections

Power OFF the entire system before making the connections.
It is important to turn OFF the main power switch inside the front door of the printer.

a) **Cable Connections for Finisher or Stack:** Unplug and remove the finisher (or) stacker rear cover and plug the supplied communication cable to connector as shown below (see section 3. for which communication cable to use):

      i)   CN109 when connecting to a SR5050, SR5060, SR5070, and SR5080 Finisher
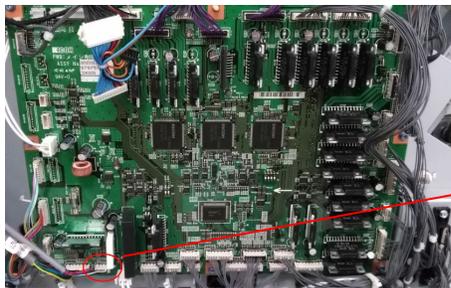

CN109 is located on the left side of the Finisher's control board

      ii)   CN550 when connecting to a SK5040 stacker
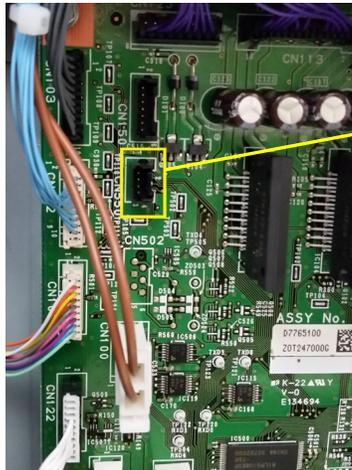
CN550 is located near the left top corner of the Stacker's control board

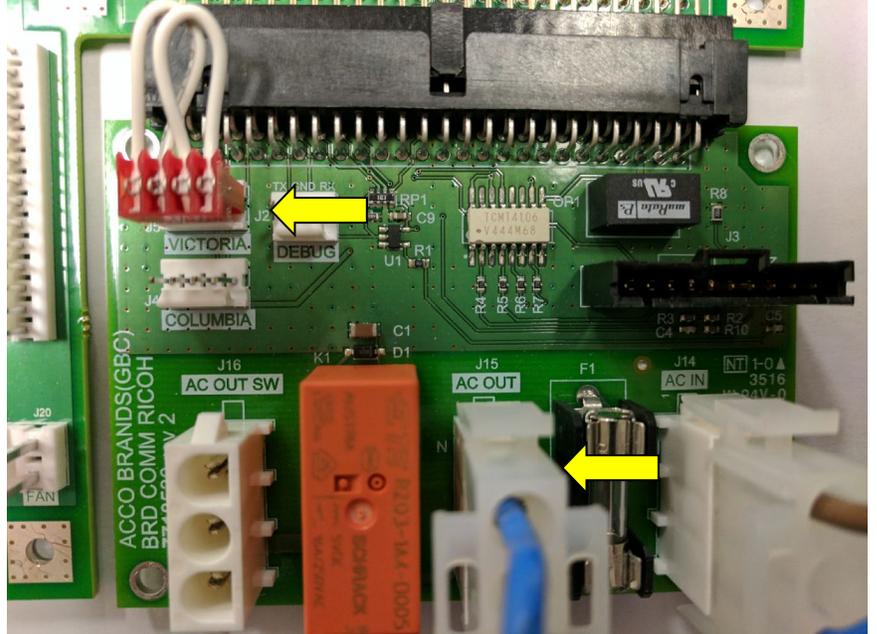   iii)   CN144 when connecting to a SR4080 or SR4110 finisher.

CN144 is located near the bottom left of the control board.

b) **Cable Connection for GBC Communications Board:**

1. Disconnect the Power Cord.
2. Remove the rear cover of the StreamPunch Ultra/MP.
3. Hold the Rear Cover in place so it doesn't fall as you remove the M4 X 8 Screws (8) from the Rear Cover.
4. Grasp the Rear Cover by the handle and remove the Rear Cover.

Check the communication board. If it has a jumper move the jumper and the AC power cable to the positions shown in the table on the next page. If there is no jumper position on the board no change is necessary and the rear cover can be replaced.
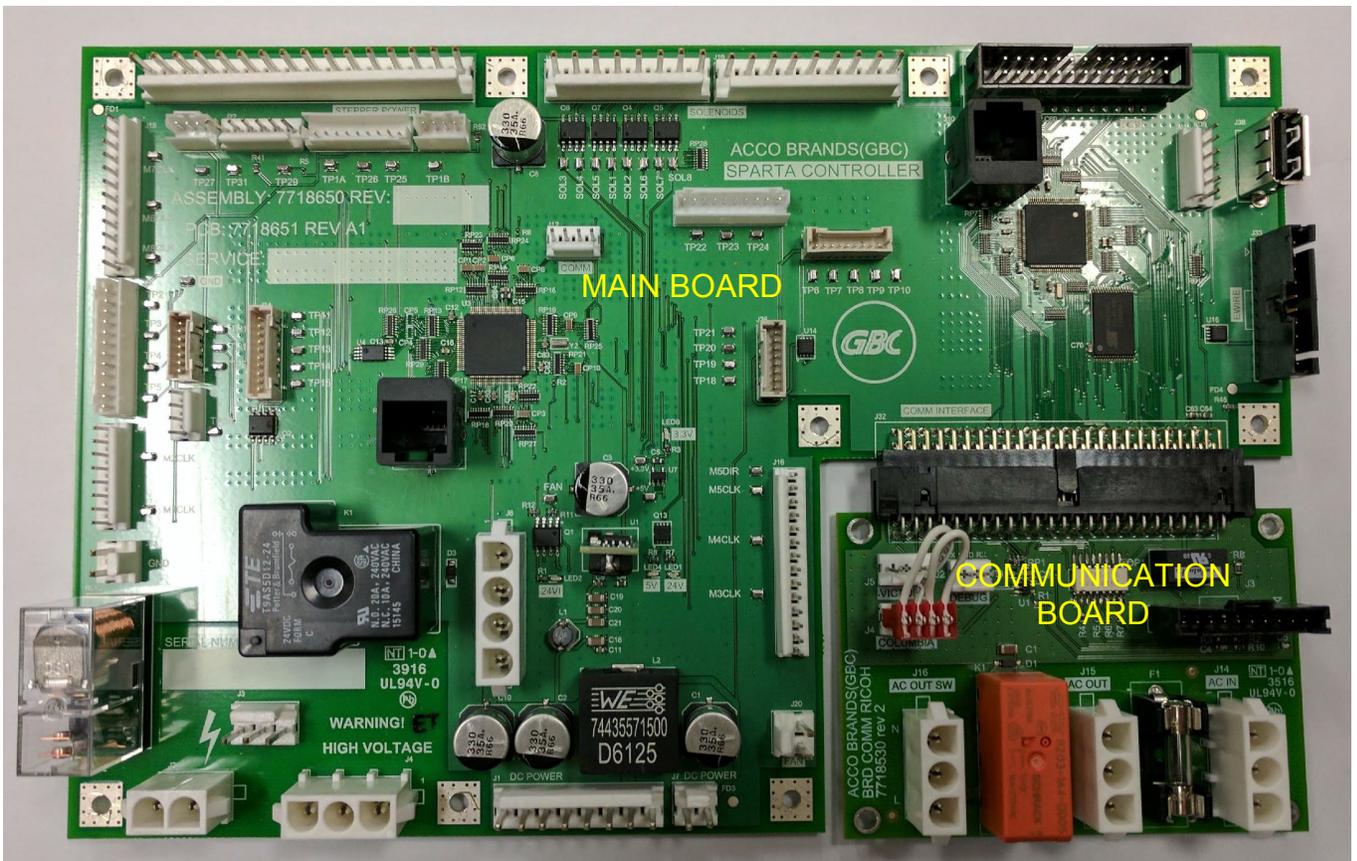
| Punch	Finisher	Jumper/ AC cable	Jumper position & AC power cable position
StreamPunch Ultra MP	SR4080 or SR4110 finisher.	Victoria AC OUT	
StreamPunch Ultra	SR5050, SR5060 SR5070, SR5080 SK50** series	Columbia AC OUT SW	
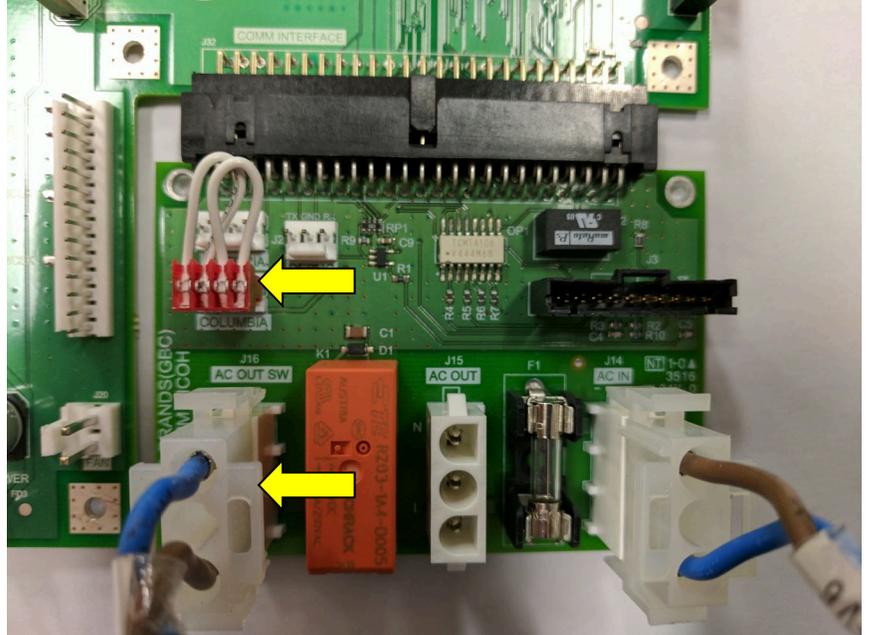
Once the jumper and AC Cable are set correctly then replace the rear cover.

c) Plug the free end of the communication cable to the communication port of StreamPunch Ultra/MP in the rear side of the machine.

c) Replace the finisher rear cover and make sure the finisher cable is plugged in. Ensure that the communication cables are not pinched anywhere.
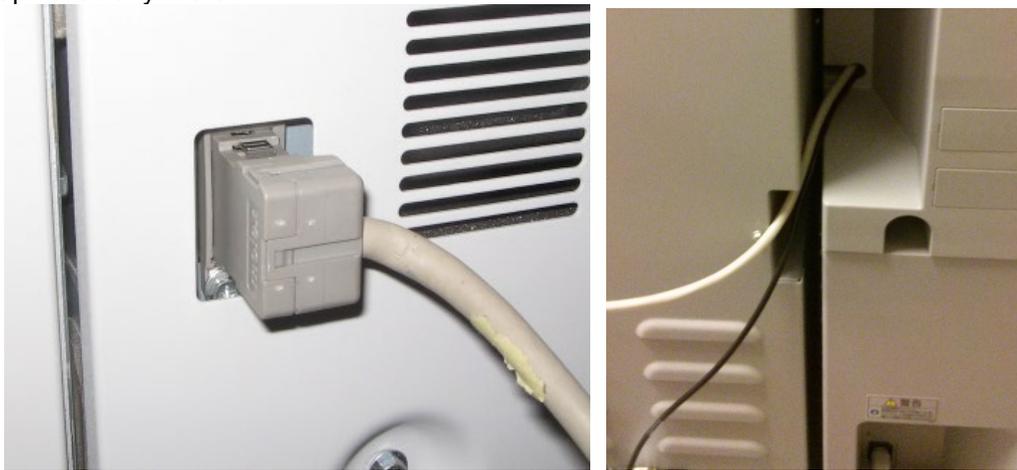

d) Connect the supplied AC power cable to StreamPunch Ultra/MP on the rear side lower left corner. StreamPunch Ultra MP has a power switch on the front of the machine. Ensure this is turned on.

7. Leveling & Height Adjustment

7.1 Height Setting

No height adjustment of the StreamPunch Ultra/MP is required for an installation site with a level floor. If the floor is uneven then it is recommended to set the level of the StreamPunch Ultra/MP using the upstream device as a reference. . If the StreamPunch Ultra/MP is connected downstream of a printer with a decurler installed then the documentation supplied with the decurler should be referred to set the decurler exit height. After setting the height check the exit guide of the StreamPunch Ultra/MP is set as shown below for the various finisher types.

| StreamPunch Ultra Output | X | | SK5040 | Y |
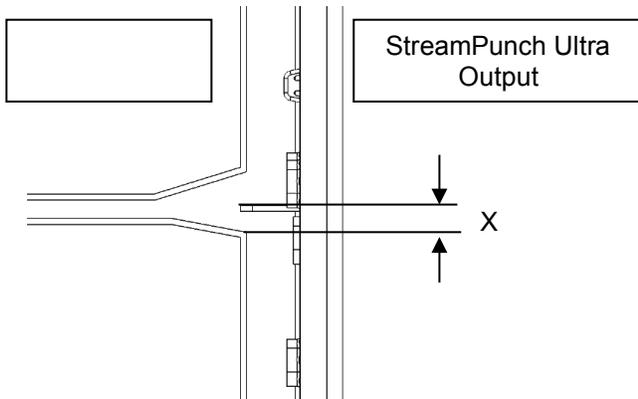
Finisher	Reference Height X
SR5050; SR5060; SR4080; SR4110 SR4140; SR5110 SR5120; SR5040	3mm
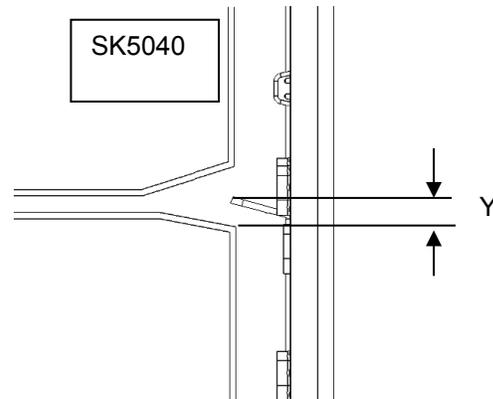
Stacker	Reference Height Y
SK5040	2.5mm

7.2 Adjusting the Casters

Using a 19mm (3/4") open ended wrench, loosen the jam nut(s) situated on the caster stud under the base of the machine.

a)

Using the 17mm (11/16") wrench, rotate the caster stems to change the height.

Re-tighten the jam nuts once the correct height is achieved.

b)

8. Final Steps

8.1 Printer & Finisher Firmware

Confirm that the printer and finisher have the latest firmware installed. Firmware is available for download at www.tscweb.net (US) or https://www.my-ricoh.com/ (EU. The GBC service data portal that also contains the latest firmware can be accessed from the QR code below.
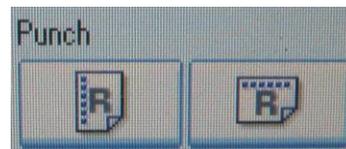

8.2 Enabling the Punch Icon

If the punch icon (shown below) for the Stream Punch Ultra/MP option does not appear on the operation panel, follow the procedure below:

a) Shut down the printer.
b) Turn OFF of the main power switch located inside the front door of the printer

Punch Icon

c) Wait for at least 10 seconds
d) Turn ON the main power switch.
e) Punch icon will appear on the printer screen.

8.3 StreamPunch Ultra MP settings

In the StreamPunch Ultra MP LCD go to SETTINGS> PRINTER and select either CHARIS or MARTINI per the table below. This menu will not appear for StreamPunch Ultra.

Printer	Setting
MP 6503 MP 7503 MP 9003	**MARTINI**
IM C6500 IM C8000	**CHARIS**
Note: This setting is not required when in Columbia mode see Section 6.b) or with StreamPunch Ultra	

8.4 Functional Test

Functional test the StreamPunch Ultra/ MP system
a) Check to ensure that the paper chip tray is securely in place.
b) Check to ensure that a die set is installed properly and that any extra die sets are securely stored in the die storage area.
c) Run a small test job in "Bypass" mode. Check to ensure that the job is not punched and bypasses properly.
d) Run a small job with punch enabled. Check the punched holes of the job.
e) Run each die set to punch 100 sheets or until there is no oil residue around the holes.

8.4 User manual

Print a copy of StreamPunch Ultra/MP User manual from the supplied CD and leave it at the install location.