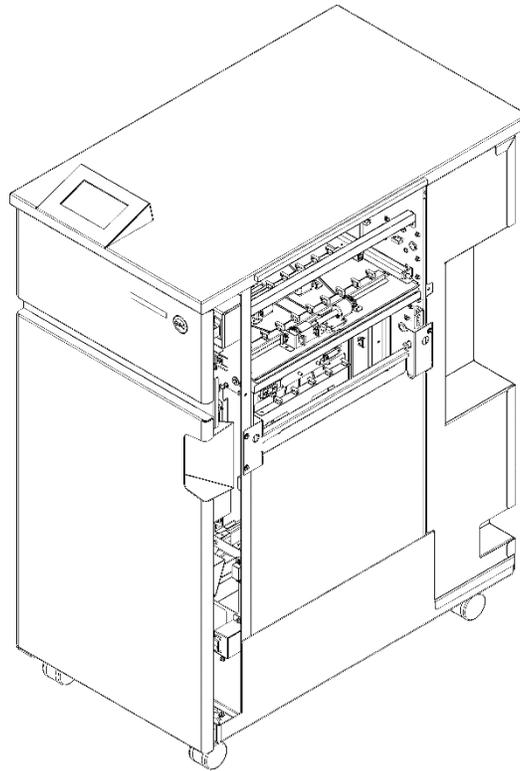




# Sharp SmartPunch™ Plus

## Installation Manual



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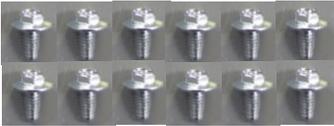
## **1. Recommendations and Pre-requisites**

- You will need the installation kit provided with the SmartPunch Plus unit, which can be found in the main carton.

## **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 SmartPunch Plus.
- 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.

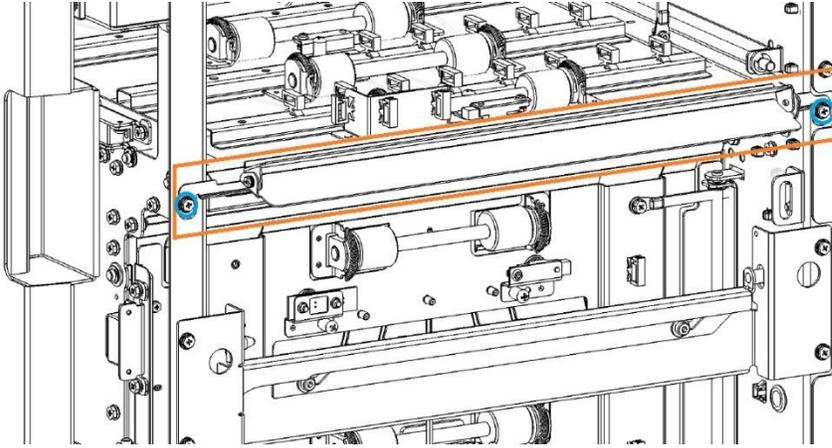
### 3. Installation Kit Contents

No.	Description	Picture	Qty
1	Entrance Guide		1
2	Exit Upper Guide		1
3	Exit Lower Guide (Angled type)		1
4	Communication Cable Assembly		1
5	Left Docking Bracket		1
6	Right Docking Bracket		1
7	Power Cord 115V: US 230V: UK, Swiss, and EU		1
8	M4-8mm long Round Tipped Screw		12
9	Installation Manual		1
10	User Manual		1

## 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.).



When installing the SmartPunch Plus downstream from the MX-CF11 (Inserter Unit), the following procedures are needed before installing the entrance side guides.

- i) Remove the screws from both ends.



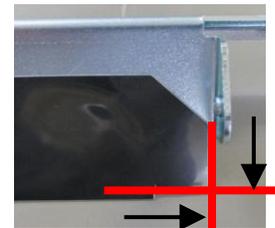
- ii) Attach the black Mylar from the MX-CF11 parts kit to the lower bracket at the reference edge. shown in the image. Once complete re-assembly the bracket for installation.



Before

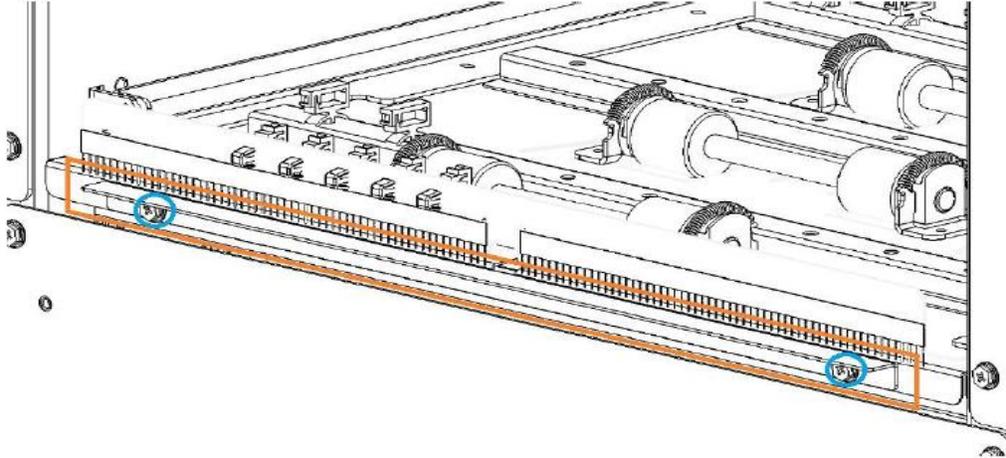


After

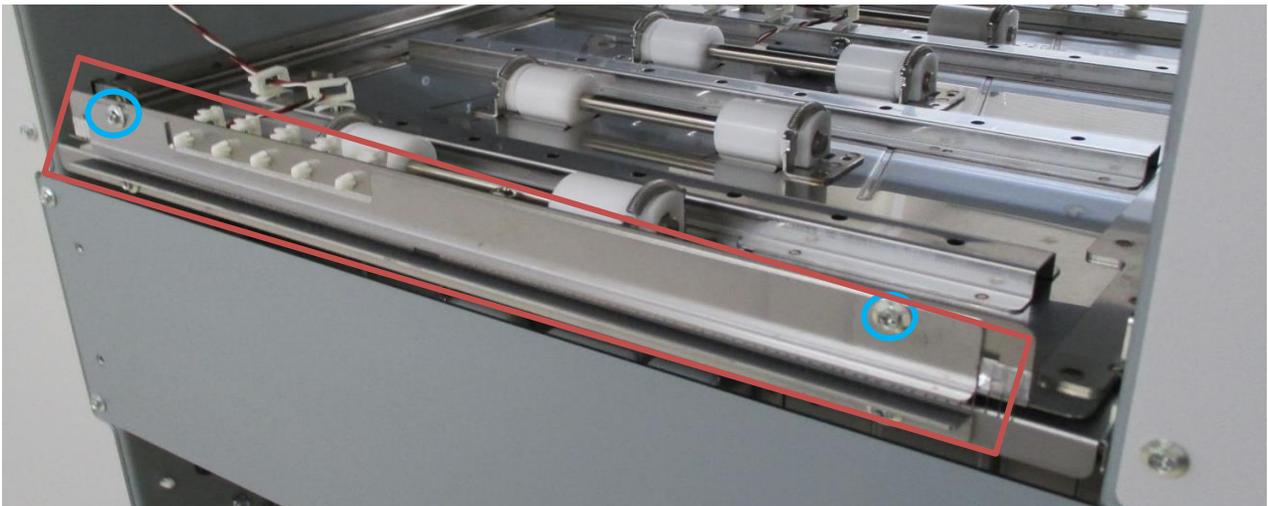


#### 4.2 Exit side guides

Install the Angled Exit guide with the supplied M4-8mm long round tipped screws (2 places)



Attach exit upper guide with the supplied M4-8mm long round tipped screws



## 5. Docking Bracket Installation



The docking brackets are shipped in a separate bag along with M4-8mm long round tipped mounting screws (not shown).

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.

When installing the SmartPunch Plus downstream from the MX-RB18 (Curl Correction Unit)



When Install the SmartPunch Plus downstream to MX-CF11 (Inserter Unit)



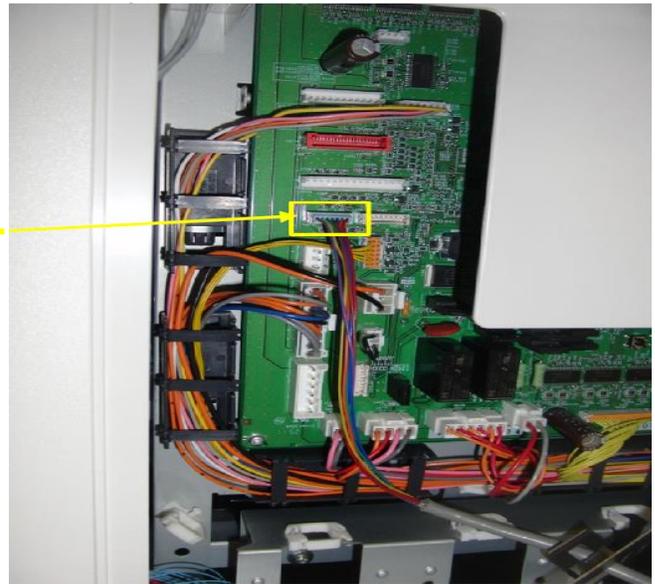
## 6. Cable connections

**Power OFF the entire system before making the connections.**

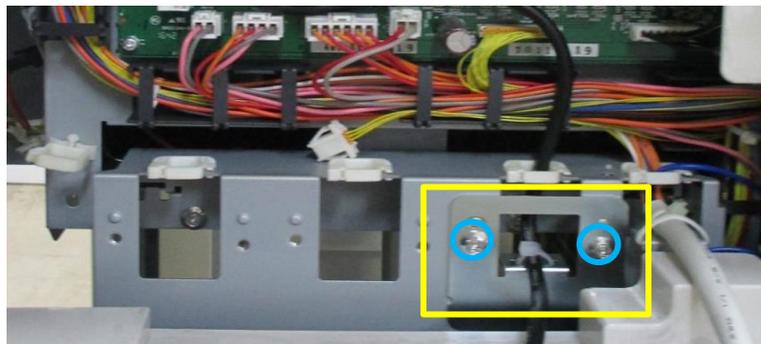
It is important to turn OFF the main power switch inside the front door of the printer.

a)

- i) Remove the finisher rear maintenance cover and plug the 7 pin communication cable to CN145 on the finisher control board. The communication cable is provided in the Installation kit of SmartPunch Plus.



- ii) Attach the bracket tied to the communication cable with the supplied M4-8mm long round tipped screws (2 places).



b) Plug the free end of the communication cable to the communication port of the SmartPunch Plus in the rear side of the machine.



c) Replace the finisher rear maintenance cover. Ensure that the communication cables are not pinched anywhere.



d) Connect the supplied AC power cable to the SmartPunch Plus on the rear side lower left corner. SmartPunch Plus 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 SmartPunch Plus 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 SmartPunch Plus using the upstream device as a reference.

## 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.



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.

## 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

### 8.2 Enabling the Punch Icon

The power switch for the SmartPunch Plus can be found on the front frame on the lower right position (shown below). Turn the SmartPunch Plus on before the main unit.



The Punch icon (shown below) will appear automatically if the connections are made correctly and the power is cycled.



### **8.3 SmartPunch Plus settings**

In the SmartPunch Plus LCD go to setup up options and select either ISO or ANSI.

### **8.4 Functional Test**

Functional test the SmartPunch Plus/ 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) If the customer has a perf or crease die test those as well.
- f) 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 SmartPunch Plus User manual from the supplied CD and leave it at the install location.