
8. Installation Instructions

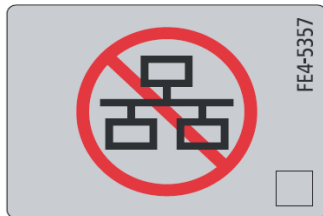
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8.1. Pre-Installation Checks






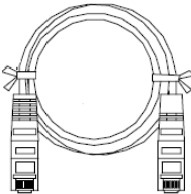
- When installing this equipment, purchase a Punch Die which is sold separately in advance.
- Prepare two wrenches (10mm and 24mm) to be used for height adjustment, or the wrench included in the package of the finisher can be used.
- Before installing this equipment, check the firmware version of the host machine and this equipment. If the version is old, upgrade the version.
- The label shown below is attached to a location where connection of an Internet cable is prohibited.
- Do not connect the customer's network cable to the port where the connection prohibition label is affixed.



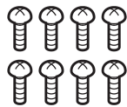




- When connecting the power plug of this equipment to an outlet, be sure to use an outlet of a system different from that of the host machine.
- Be sure to install this equipment near an outlet so that the power plug can be disconnected right away in case of emergency,
- Turn OFF the main power of the host machine and disconnect the power plug from the outlet before proceeding with installation.

8.2. Required Parts

The MFPP-C1 is shipped with an installation kit containing the following components.

No.	Description	Picture	Qty
1	Power Cord (US)		1
2†	Power Cord (UK)		1
3†	Power Cord (EU)		1
4†	Power Cord (Swiss)		1
5†	Power Cord (AU)		1
6	Cable, DB15, External		1
7	Cable, LAN, Communication, Sparta		1

8	Wire Saddle, Medium		2
9	Shunt Cable		2
10	Screw, Phillips Pan, M4x10		8
11	Bracket, Pin, Location		1
12	Bracket, Assembly, Docking		2

† = Only included in the kit for 230v machines

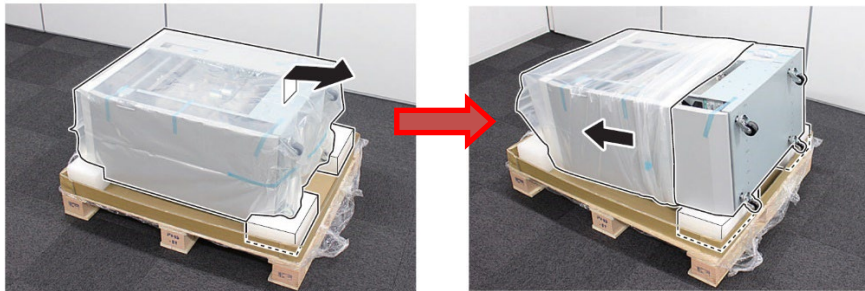
8.3. Unpacking

CAUTION:

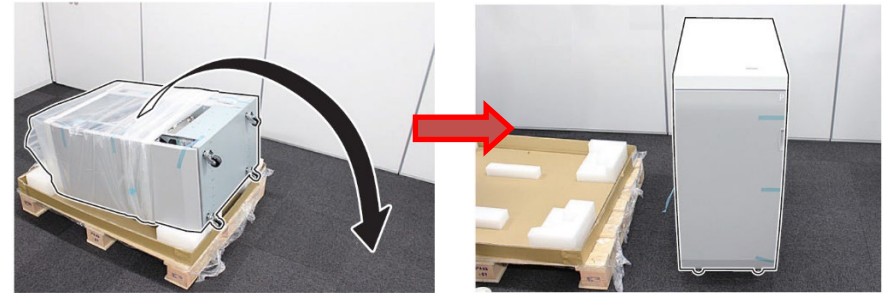
When installing this equipment, note the following points.
The host machine weighs maximum 102kg.
It is recommended to lift it with 4 people or more.
However, if there is a standard to handle a heavy load in each sales company, follow it for operation.

When moving this equipment after having unpacked it, over steps or uneven surfaces, place a flat plate on these areas to prevent damage to the casters.

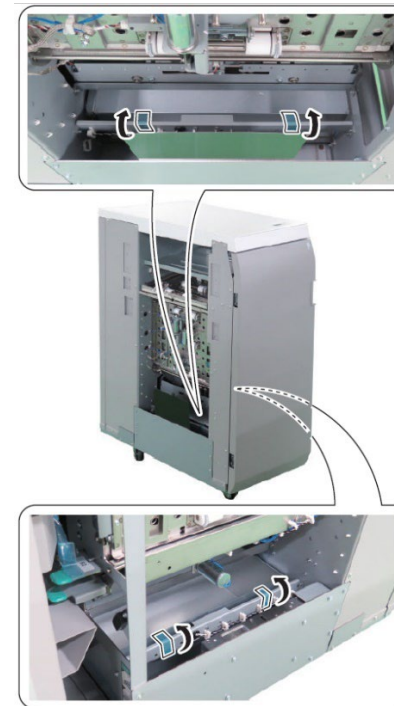
1. Cut the banding straps and remove the lid of the packaging box.
2. Remove the box containing the installation kit near the caster end of the machine.
3. Remove the corner reinforcement and then lift the packaging wall up and off the base.
4. Lift the end of the machine with the casters and pull the plastic bag to the center. Shift the machine so that the caster end is over hanging the foam supports as shown in the figure below.



5. Lift the non-caster end of the machine up, keeping the caster end low and rotate the machine up to stand on its casters. Take the bag off the machine.



6. Remove the blue packing tape from the front door and other external locations.
7. Open the front door and remove the blue tape and packaging materials from the locations internally.
8. Do not forget to remove the 4 pieces of tape securing the waste box on the left and right sides.



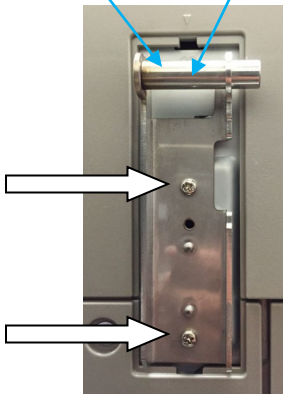
8.4. Docking Procedure



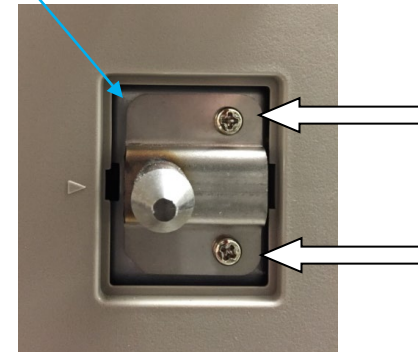
WARNING:

Check that the upstream machine is off, and its power plug is disconnected from the power outlet.
If disconnecting the power plug without turning OFF the main power, it may cause damage of the machine.

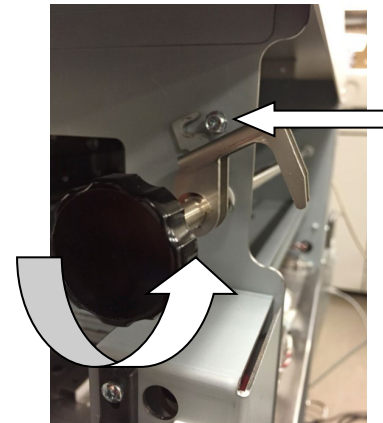
1. Mount the 2 docking brackets to the left side of the upstream machine using 4 x M4 screws.



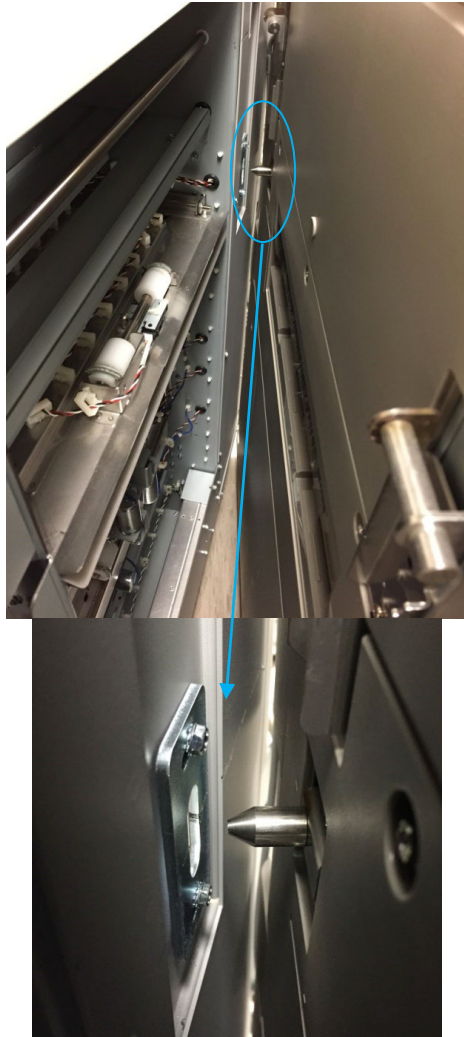
2. Mount the positioning pin to the left side of the upstream machine using 2 x M4 screws.



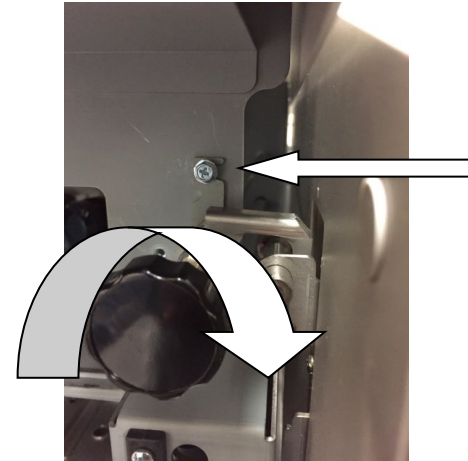
3. Open the front door of the Professional puncher and loosen the screw then turn the knob in CCW direction.



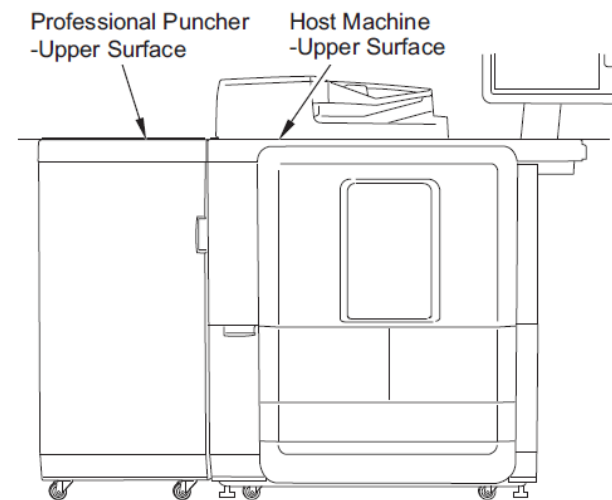
4. Match the positioning pin of the upstream machine against the slot in the positioning plate of the Professional Puncher and push the machines flush to each other.



5. Lock the docking claw by turning the knob in CW direction and tightening the lock screw.



6. Check the height of the professional puncher and the upstream machine to see if the difference between the top surfaces is within $\pm 2\text{mm}$. If the difference is greater than $\pm 2\text{mm}$, follow instructions under “8.6 Adjusting the Height”.



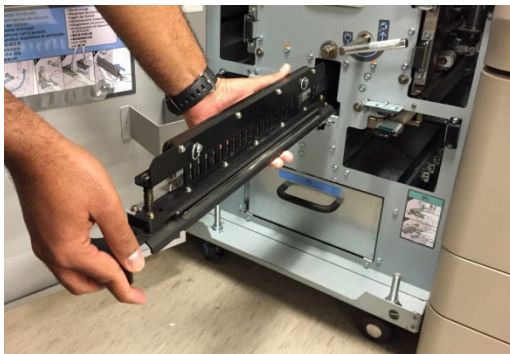
8.5. Die set installation

Follow the below procedure to install the die set.

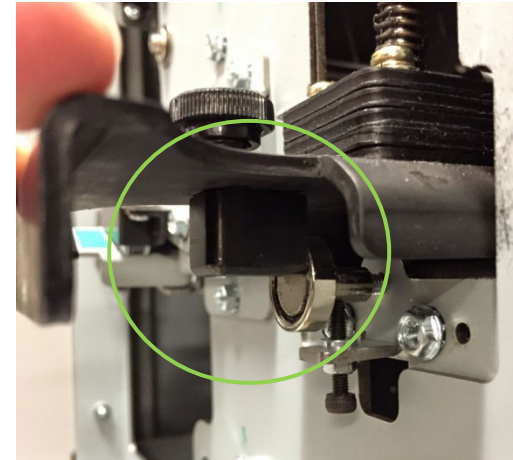
1. Open the Front door of the Professional Puncher.
2. Grab the die lock handle and rotate in CCW direction until it reaches the unlocked position as shown in the label.



3. Carefully insert the die set into the die cavity holding the die with both the hands.



4. Slide the die set into the cavity until the die stop located in the die set hits the stop magnet.



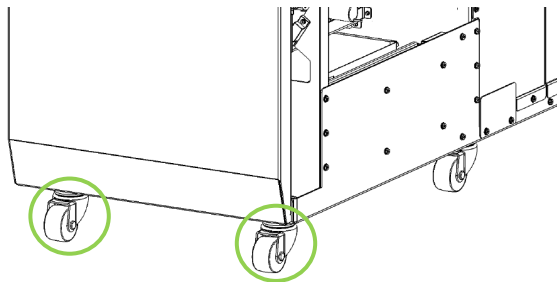
5. Lock the die set by turning the handle in CW direction until it reaches the hard stop.



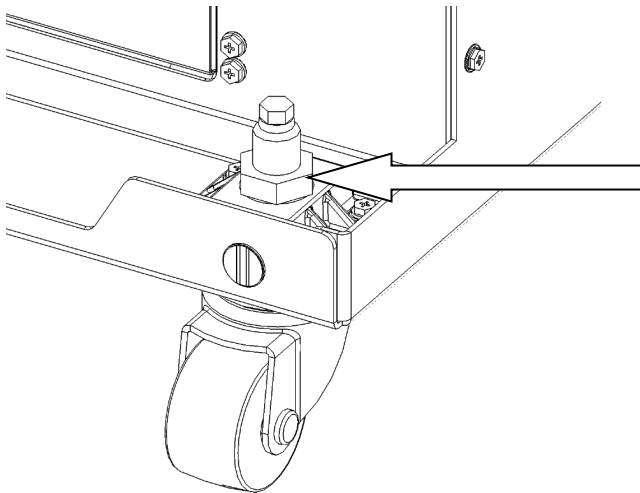
8.6. Adjusting the Height

The site of installation may call for the adjustment of the height of the Professional puncher because of the floor condition. If the height is not set correctly, frequent jams may occur. Follow the below procedure if height adjustment is necessary.

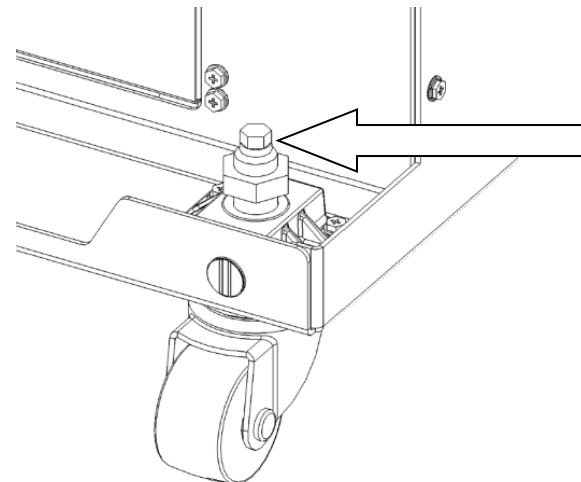
Adjusting the front casters



1. Open the front door of the Professional Puncher.
2. Locate the M16 lock nut and loosen it using a 24mm wrench.



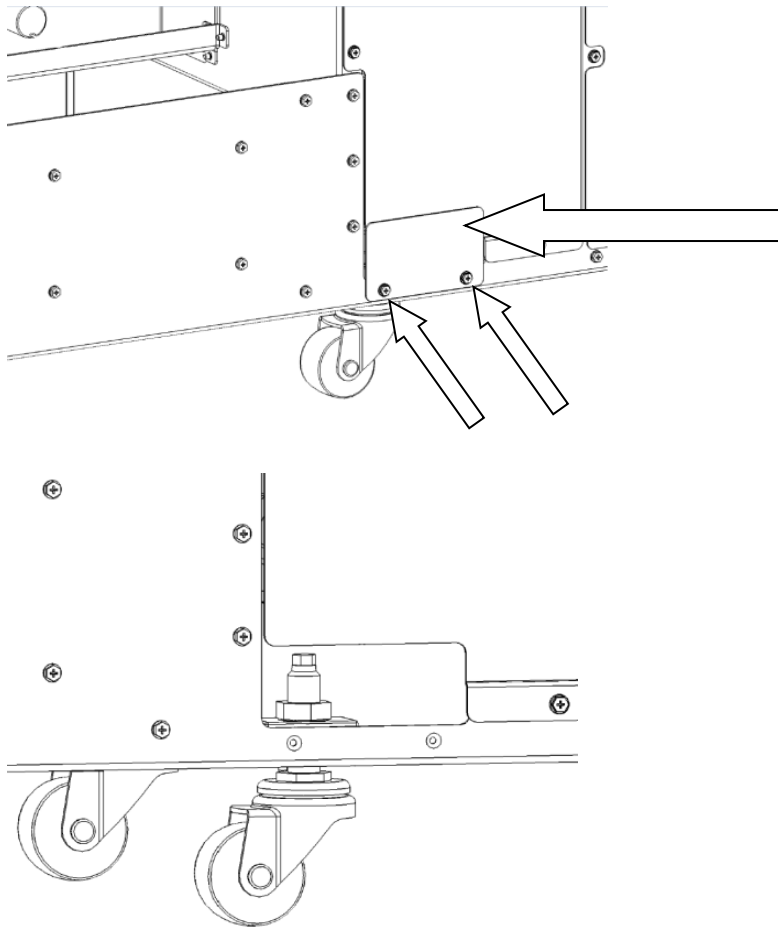
3. Using a 10mm wrench, rotate the hexagonal end of the caster stud to get the correct height setting as described in Section 8.4-6
 - Rotating the caster stud in CW direction will raise the machine.
 - Rotating the caster stud in CCW direction will lower the machine.



4. Check the height of the machine once again. If the desired height setting has been obtained, tighten the lock nut and close the front door. Repeat the adjustment if the correct height setting was not obtained.

Adjusting the rear casters

5. To gain access to the rear casters, the cover plate should be removed by uninstalling (2) M4 screws.



6. Once the cover plate is removed, the procedure to adjust the rear casters is the same as front casters.

8.7. Connecting the Cables

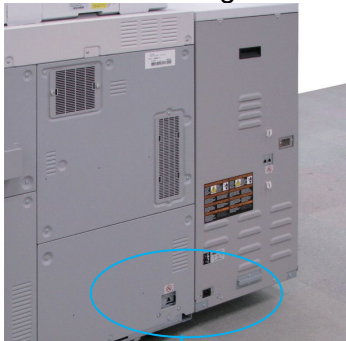


WARNING:

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If disconnecting the power plug without turning OFF the main power, it may cause damage of the machine.

8.7.1 Upstream Cables

1. Remove the screw from the rear of the Professional Puncher and connect the shunt cable using an additional screw from the installation kit. The upstream device may differ to that shown in the image.



2. Remove the Face Cover on the rear side of this equipment.
(The removed Face Cover and screw will not be used.)



3. Insert the LAN cable to the upstream device and the left side LAN connection of Professional Puncher when standign at the back of the machine.



4. Secure the LAN cable wit the supplied cable clamps as shown.



8.7.2 Downstream Cables

For the procedure for connecting the interface cable to the downstream device refer to the finisher manual.

1. Connect the D-Sub cable into the connector of the Professional Puncher on the rear cover.



2. Push the connector in firmly and tighten the 2 thumbscrews CW to ensure a rigid connection.



8.7.3 Power Cord

1. Use the appropriate power cord for the country/region when connecting the power cord.



2. Connect the power plugs of the host machine and the options to the outlets.
3. Turn ON the main power switch of the host machine.
4. If a message prompting the user to update the version appears, press [Update] to automatically update the version of this equipment.

8.8. Final Steps

1. Check to ensure that the paper chip tray is securely in place.
2. Check to ensure that a die set is installed properly and that any extra die sets are securely stored in the die storage area.
3. Run a small test job in “Bypass” mode. Check to ensure that the job is not punched and bypasses properly.
4. Run a small job with punch enabled. Check the punched holes of the job.
5. Run each die set to punch 100 sheets or until there is no oil residue around the holes.