
8. Installation Instructions

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8.1. Introduction

This section contains general installation points regarding the unpacking and setup of the eWire.

8.1.1 Check the Packing List

The eWire shipping material should contain 2 boxes:

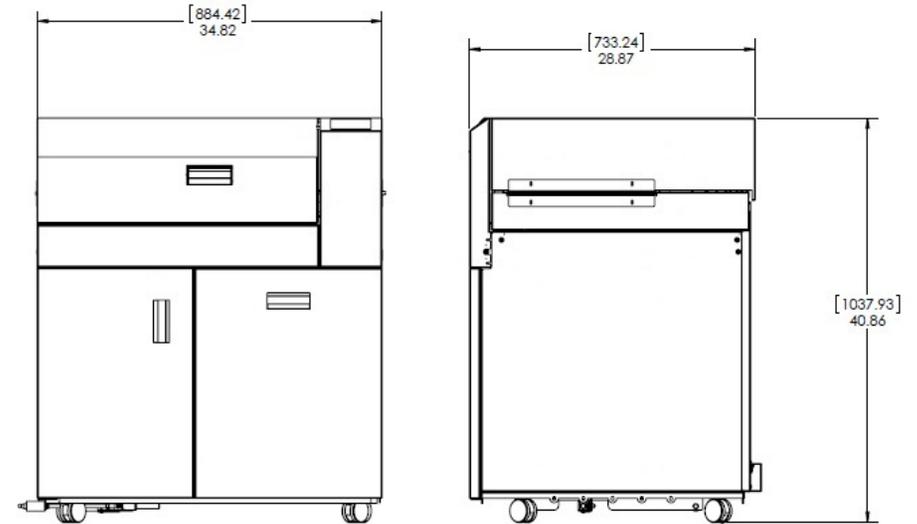
- Pallet with eWire.
- Cardboard box containing the Spare Parts Kit.

The fully packed eWire measures 1270mm H x 1040mm W x 920mm L (50in H x 41in W x 36 in L) and weighs 274 kgs (605 lbs)

8.2. Installation Requirements

8.2.1 Space Requirements

Before installing the eWire, make sure you have adequate space and clearance.



eWire System Dimensions

8.2.2 Upstream Device Requirements

The AdvancedPunch Pro punch system must be installed upstream of the eWire. The AdvancedPunch Pro does not need to be directly attached to the eWire.

8.2.3 Required Tools

The following tools are required to unpack and install the eWire.

- Utility knife or box cutter
- 17mm and 19mm open end wrenches
- 10mm socket wrench
- 7mm socket wrench or nut driver
- 200 gsm (or heavier) paper

8.3. Remove the Packing Materials

Do the following to remove all packing materials from the eWire.

1. Clear the space needed for the eWire.
2. Move the Shipping Container into position near where you will install the eWire



3. Remove the plastic shrinkwrap from the container and remove the Packing Straps.
4. Remove the wooden ramp from the top of the Shipping Container. Do not discard the wooden ramp. It will be needed later to remove the eWire from the pallet.
5. Remove the foam corner protectors from inside the packaging.
6. Remove cardboard outer package by lifting it straight up off the eWire. Take care not to scrape the sides of the machine. Note: Two people should work together to lift the outer packaging, which is one large piece.
7. Remove the inner shrink wrap covering the eWire.

8. Locate the 4 Support Brackets on the front and back of the machine. Remove the M6 Screw securing the Clamp to the Support Bracket and remove the Clamp. Remove the M10 Screws securing the Support Bracket and remove the Support Bracket from the eWire.



9. Repeat for the remaining Support Brackets and Bracket Clamps.
10. Remove the M6 Screws securing the Side Bracket to the eWire. Remove the M10 Screws securing the Side Brackets to the pallet. Slide the Side Brackets out from under the eWire and remove it.

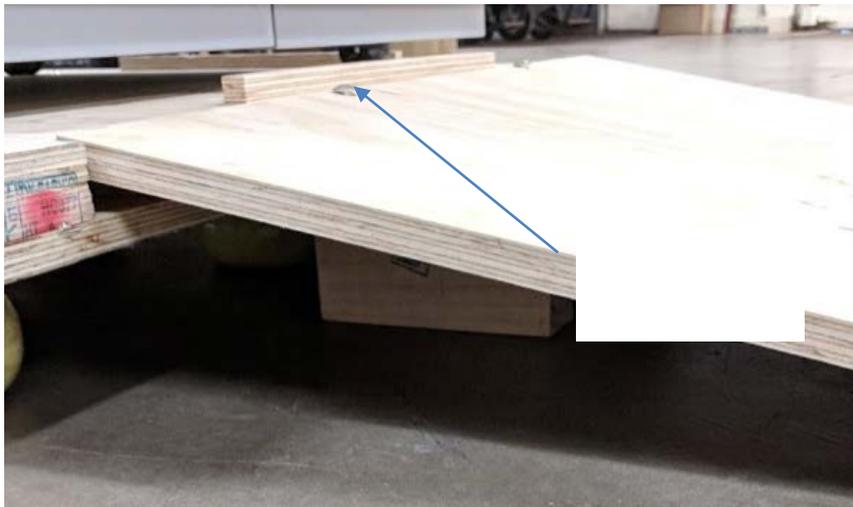


11. Repeat for the opposite Side Bracket.

12. Remove the blocks and bolts from the element feeder drawer. Place the ramp support blocks under the pallet, lining up the holes in the blocks with the holes in the pallet.



13. Place the wooden ramp onto the appropriate location on the front of the pallet. Secure the ramp in place using 2 long screws or Allen wrenches.

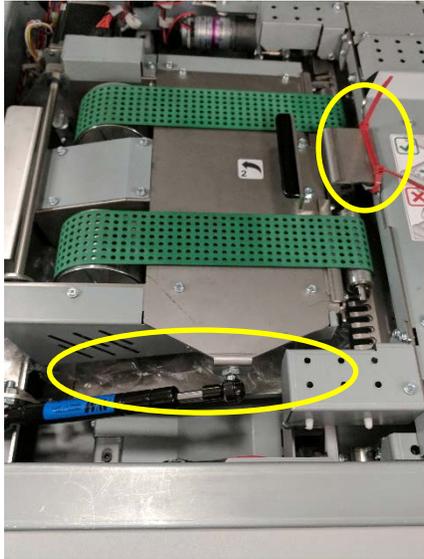


14. Using two people, carefully push the eWire from the back down the ramp. Make sure the eWire casters stay on the pallet and the ramp and control the machine on the way down. Make sure to support the eWire carefully while moving due to its weight.
15. Open the top cover and lift the lower bypass panel. Remove the shipping material in the book draw so that the drawer can open. Open the book drawer and remove the contents. Check all the parts are present before proceeding.

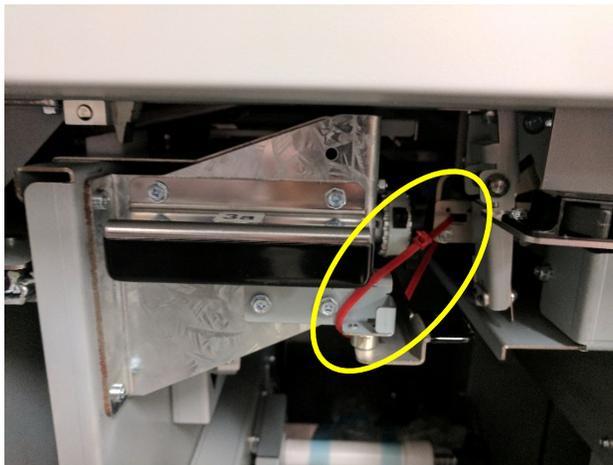


EUROPE	4 POWER CORDS, DANISH 771589, SWITZ. 7714334, UK 7714333, AND CONTINENTAL EU 7714332
NORTH AMERICA	1 POWER CORD 6200001
7718353	DOCKING BRACKET ASSY, UPSTREAM
7716523	CD, USER AND INSTAL. MANUALS, EWIRE
7610500	CABLE ASSY, INTERFACE (37 PINS)
1824402	HEX BOLT, M10 X 40
7718072	MAGNET, EWIRE, SPOOL
7723152	WIRE CUTTERS
7717288	DOCKING BRACKET ASSY, DOWNSTREAM
1823906	SCREW, PHILLIPS HX HD W/SEMS M5 X 10
7717879	TOOL, PUNCHED HOLE POSITION CHECK
7717881	EWIRE SETUP TOOL ASSEMBLY, ELEMENT HEIGHT
7709668	SCREW, CARRAIGE, 5/16-18X4"
7723183	SUPPORT, PACKING, EWIRE

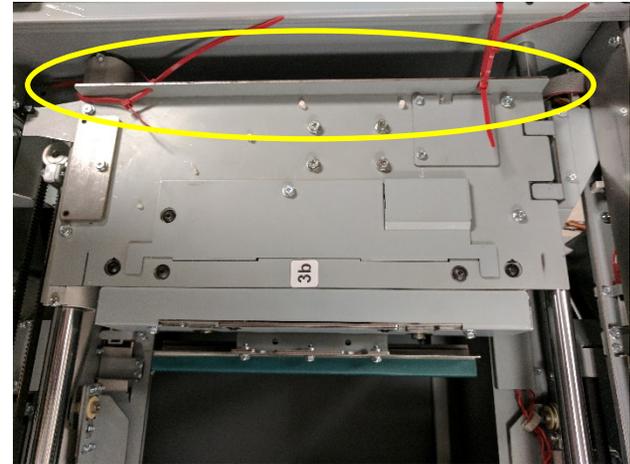
16. Using the wire cutters from the installation kit, remove the red cable tie from the handle. Lift the handle on the Vacuum Module and remove the bubble wrap from beneath the Vacuum Module.



17. Remove the zip tie from the Drawer Lockout mechanism where shown.



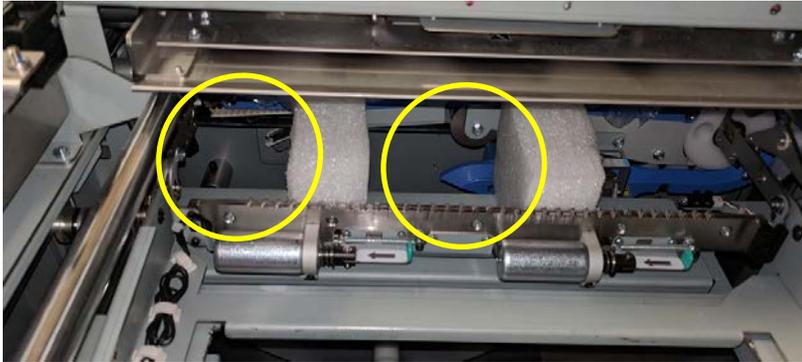
18. Remove the zip ties securing the closer module the side frame of the eWire.



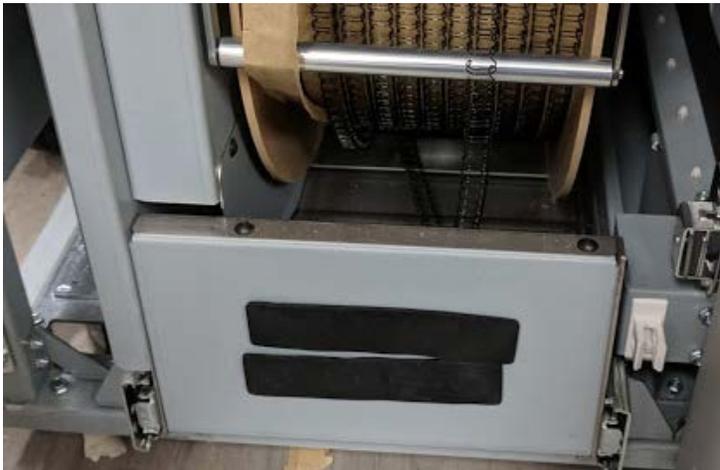
19. Move the closer module by hand to reveal the cable tie on the holder frame. Remove the cable tie.



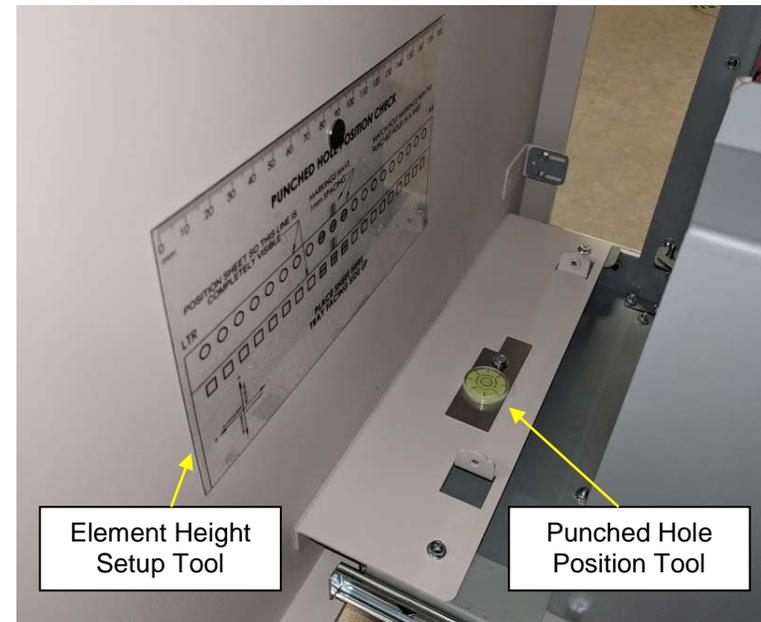
20. Remove the foam shipping blocks from the front and rear that keeping the holder in place.



21. Place the spare magnet strips from the installation kit on the element feeder as shown below. When storing them on the element feeder, ensure that they are completely on the flat face of the drawer and are not near the spool.



22. Take the wire cutters from the installation kit and install them into the triangular pocket located behind the element feeder door. Place the Element Height Setup Tool and the Punched Hole Position check tool on the inside of the book drawer as shown below. Secure the Element Height Setup Tool using the M4 screw provided.



8.4. Inspect for Damage

1. Inspect the entire machine for damage. Make sure any damage that could affect the operation of the eWire is repaired.
2. Double check that all packaging (foam, zip ties, lock collars) has been removed from the eWire. Running the eWire with packaging material still in place could cause damage.

8.5. Prepare the Docking Brackets

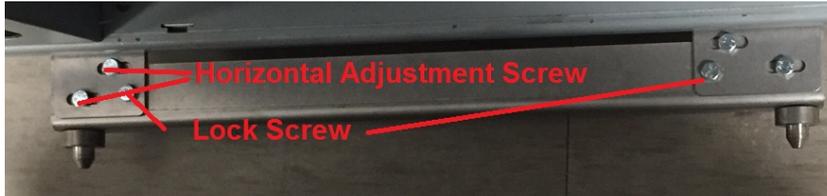
Do the following to install the Docking Bracket Assemblies that were shipped inside the eWire.

1. Do REP 1.6 to remove the Side Cover on the upstream and downstream sides of the eWire.
2. Locate the slots on the eWire Frame on the upstream side.
3. Slide the Upstream Docking Bracket under the eWire and insert the threaded studs through the slots. Secure the docking bracket using M6 Nuts, but do not fully tighten yet.
4. Move the eWire forward until the Docking Bracket assembly engages with the upstream device (such as AdvancedPunchPro). Reach underneath the frame to lock the Docking Bracket in place using the hook.
5. Check the gap between eWire and the Upstream Device. If the gap is too large or too small, the Docking Bracket can be shifted using the slots so that the eWire mating face is closer, or further away from the upstream device. Secure the Nuts to lock in the new position.

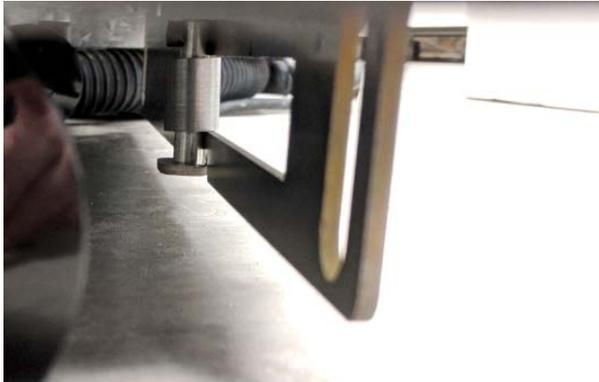


6. After the Gap adjustment has been made, dock the eWire to the upstream device again and confirm the spacing is correct. You may want to mark the position on the eWire frame so you can return to it later if needed.
7. Check the horizontal alignment. This can be checked by using a reference point for paper center on both the eWire and the upstream device. If horizontal alignment looks good, no further action is needed.
8. If there is an issue with horizontal alignment, measure the amount eWire must be shifted to correct the offset. Undock the eWire and remove the Docking Bracket from the eWire.

- Remove the 2 Locking Screws from the Docking Bracket and loosen the 4 Adjustable Screws. Shift the Docking Face Plate by the amount defined in Step 7. Secure the Adjustable Screws. Repeat the steps above to dock the eWire again and ensure the offset has been corrected.



- Place the Downstream Docking Bracket under the downstream side of the eWire so the pin side of the bracket is on facing upstream.

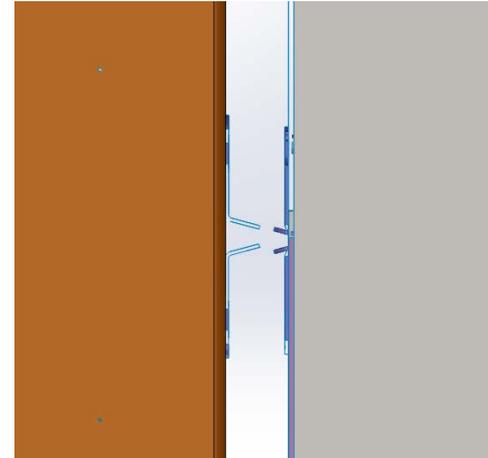


- Using the M5 screws provided, secure the bracket to the eWire base. The mounting holes on the eWire base are slotted and the brackets location can be adjusted. Refer to the install manual of the downstream device for the positioning of this bracket.



8.6. Vertical Alignment

- With the eWire docked to the upstream device, look through the gap on the upstream side of eWire. Confirm that the exit baffles of the upstream device are aligned vertically with the infeed baffles of the eWire.



- If the eWire is not vertically level with the upstream device, undock the eWire. Measure the height from the floor to the center of the paper path on each side to determine how much adjustment is needed.
- Remove the side covers (REP 1.6) and raise or lower the eWire by adjusting the casters (4 total). Loosen the jam nuts and then use a socket wrench to raise or lower the caster.
- After adjustment, refer to 8.7 Leveling Procedure. If the eWire is not level, adjust the casters until it is level.
- When the eWire has been raised or lowered by the amount of offset measured between eWire and the upstream device, re-dock the eWire and confirm that the input and output baffles are now aligned. If additional adjustment is needed, repeat Step 2.

8.7. Level the eWire

1. Check the level of the eWire front to rear.
2. Check the level of the eWire left to right.



3. If adjustment is needed, remove the side plates to access the casters. Loosen the jam nut underneath the caster and raise or lower the caster using an adjustable wrench.
4. Repeat the process for all necessary casters. Repeat steps 1 and 2 and make additional adjustments if needed.
5. Tighten the jam nut on each caster and replace the side covers.

8.8. Power Up the eWire

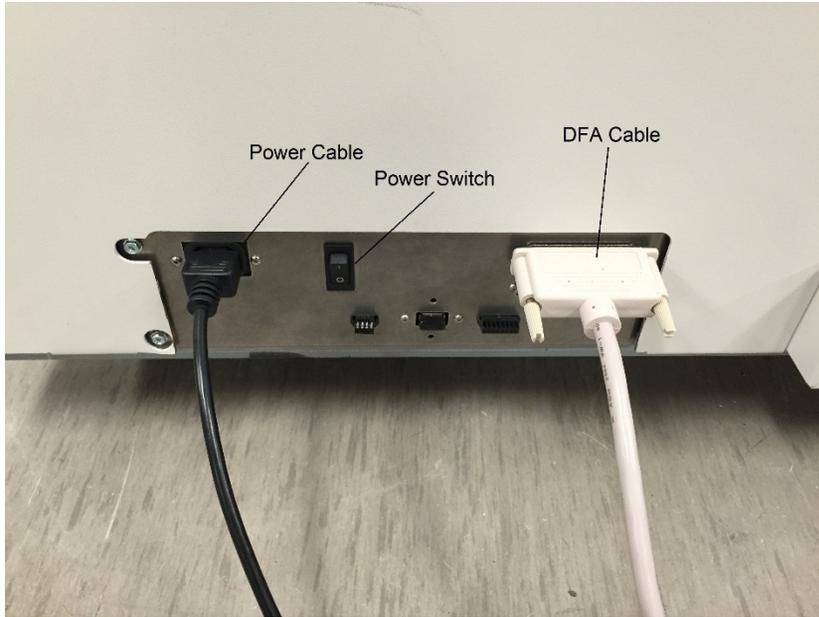
Do the following to power up the eWire.

1. Check the Volt and Hertz specifications on the Serial number label to ensure that the input power at the site matches the power requirements of the eWire.



2. Connect the Power Cord to the AC Filter on the rear of the eWire.
3. Connect the Upstream DFA Cable to the eWire.

4. Connect the Power Cord to AC power outlet.



5. Press the Power Switch to the On (I) position.
6. Wait until the User Interface indicates that the eWire is READY.

READY
TO BIND

8.9. Configure the eWire

1. Do GP 6.2.4 LANGUAGE MODE Procedure to set the desired language.
2. Do GP 6.3.1 SPEED Procedure to set the line speed.
3. Do GP 6.2.3 PAPER SIZE Procedure to set the desired paper size.
4. Do GP 6.3.7 to install the Firmware, latest revision
5. When installing downstream of a SFP, confirm that the PFIM software is level 4.32 or higher. Contact Xerox Support if the software version is not available on GSN.
6. When the eWire is connected to the Versant Family of printers configure the NVM setting per the table below.

Printer	NVM Value
Versant 80	740-498 = 1
Versant 180	740-498 = 1
Versant 2100	740-499 = 1
Versant 3100	740-499 = 1

8.10. Run in Bypass Mode

Put the eWire into Bypass mode to allow paper to pass through the eWire without being diverted.

1. From the top level screen of the LCD User Interface, press either the Up Arrow Button or the Down Arrow Button.
2. Do GP 6.2.5 to enter Bypass Mode.
3. READY - BYPASS should appear on the LCD.
4. Program the printer to feed a diagnostics job into the EWire in BYPASS mode, and check that the sheets pass through the EWire properly.

8.11. Run the eWire in Bind Mode

Do the following to run the eWire in Bind Mode.

1. From the top level screen on the LCD User Interface, press either the Up Arrow Button or the Down Arrow Button.
2. Do GP 6.2.5 to enter BIND mode.
3. READY – TO BIND should appear.
4. The EWire is now ready to function in BIND mode.
5. Do GP 6.7 to install a supply spool.
6. Program the printer to feed a book job into the eWire and confirm that the eWire successfully creates a book.
7. Verify the quality of the book, including appropriate roundness of the bound element. If there is a concern about binding quality, refer to the troubleshooting guide found in Section 3, Book Quality.

8.12. Versant Profile Settings

Name	eWire
Device Type	Finisher
Function 1	Line Off
Function 2	Line On
Sheet Sequence	1-N
Side 1 Direction	FaceUp
Last sheet first	Yes
Min Sheet Length	208 mm
Max Sheet Length	232 mm
Min Sheet Width	277 mm
Max Sheet Width	300 mm
Min Sheet Weight	60 gsm
Max Sheet Weight	253 gsm
Min Set Size	7
Max Set Size	173
Time between sheets	170 ms
Sheet jam time	2200 ms
Set compier time	22000 ms

Time between sets	0 ms
Set jam time	19000 ms
Time to cycle up	25 sec
Pause for Setup	Unchecked
Offline (S0)	On
Faulted (S1)	On
Full (S2)	On
Sheet delivered (S3)	On
Set delivered (S4)	On
Delivery signal type	Lead edge
Recovery behavior	Set
Delivery start adjust	0
Delivery end adjust	30 ms
End of set offset	0
Finisher capacity	2
Cycle down delay	20 sec
In order delivery delay	0
Same Output	1

8.13. User Manual

Make sure the customer has the *User Instructions Manual*.