

NEXA Printer Setup Instructions

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1 INTRODUCTION

This document describes the procedure to add two potential label printer options to the Rollformer Machine. The label printers will be required as part of the NEXA Enterprise package.

2 CHECKLIST

2.1 Printer (Purchase Printer 1 or Printer 2)

2.1.1 Printer 1 with Labels & Ribbon

Printer 1 (ZD421)

Australia/New Zealand/UK/USA/Europe/International Power Supply adaptors - Zebra (ZD4A042-30PE00EZ) Printer ZD421 203DPI T/T USB

OR

US 120V Power Supply only - Zebra (ZD4A042-301E00EZ) Printer ZD421 203DPI T/T USB



ZD421 Printer

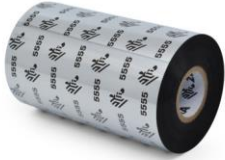
Labels for ZD421 Printer (Zebra Part numbers – buy any one option):

Thermal Transfer Labels (Landscape Orientation):

1. Z-Perform 2000T:10005852 **OR**
2. Z-Select 4000T:800274-305



Ribbons for ZD421 Printer (Zebra Part Numbers – buy any one option)



05555GT11030



06100GS11007



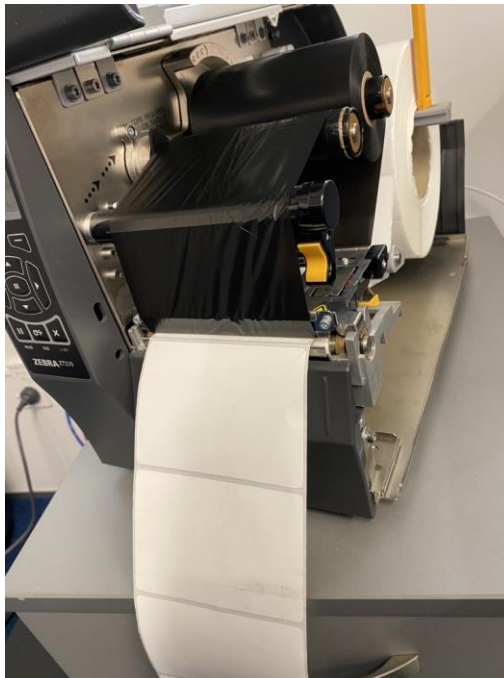
05555CT11007

2.1.2 Printer 2 with Labels & Ribbon

Printer 2 (ZT231)

US 120V Power Supply: ZT23142-I01000FZ TT

Australia/New Zealand/UK/USA/Europe/International Power Supply adaptors:
ZT23142-I0P000FZ TT



ZT231 Printer

Labels for ZT231 Printer (buy any one option, depending on availability):

Thermal Transfer Labels (Landscape Orientation):

1. Rapid Labels # 400026 TT101073MP **OR**
2. Zebra #72374

**Ribbons for ZT231 Printer (Zebra Part Numbers – buy any one option)**

1. Rapid Labels # 400238-110450WR **OR**
2. Zebra #03200BK11030



2.2 Cables

The following cables are required whether you purchase Printer option 1 or 2

- 110/220V standard power cable (will come with the printer)
- Male USB A to Male USB B shielded cable - 5 meters – purchase from local electronics store. i.e. Startech-USB2HAB5M-186-2806

3 SOFTWARE

- a. Framecad Factory Software – Ensure your machines associated with the printers are running the latest version of Factory software
- b. Factory GMDL update script for Zebra printer – Issued by Framecad for each machine that has a printer, next section has more details.

4 PREPARATION INSTRUCTIONS

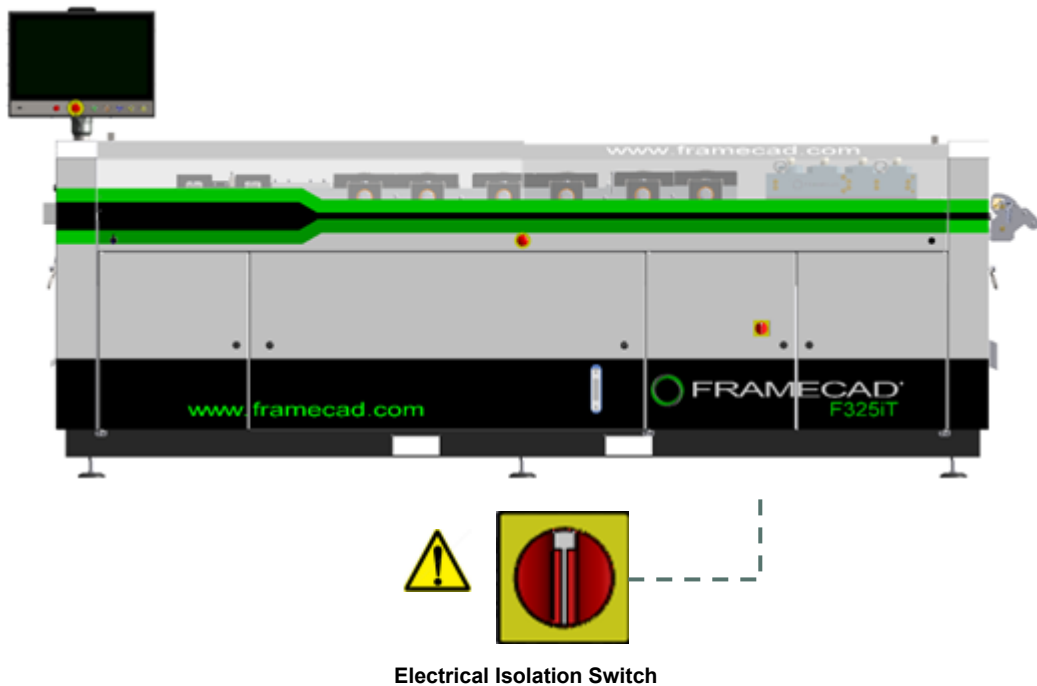
Contact Framecad and ask for a Factory (GMDL update) Machine configuration script to add a Zebra label printer to your Rollformer machine. Provide machine serial number to Framecad. This task requires two weeks' notice.

Framecad will email you the GMDL update script customized to your machine serial number. Ensure your Factory software version is up to date with the latest available.

Install the Factory GMDL update script via USB stick to Factory screen. See **Appendix A**.

5 SAFETY

The FRAMECAD equipment must be electrically isolated (disconnected) at either the isolation switch located on the machine (see picture below) **OR/AND** at the point of supply to the machine when any maintenance or service work is to be undertaken.



ELECTRIC SHOCK HAZARD!

EVEN WITH THE ISOLATION SWITCH MOUNTED ON THE MACHINE IN THE OFF POSITION, DANGEROUS VOLTAGES CAN STILL EXIST INSIDE THE ELECTRICAL CONTROL CABINETS FOR 30 MINUTES.

NEVER RELY ON A SAFETY CIRCUIT TRIP (E.G. EMERGENCY STOP PUSH BUTTON OR GUARD SWITCH) TO PROVIDE ISOLATION FOR MAINTENANCE, SERVICE OR REPAIR WORK TO THE MACHINE!

6 WORK INSTRUCTIONS

- a. Place the label printer in a convenient location within arm's reach of the outfeed of the machine.
- b. Isolate all power to the machine using the machine's Isolator switch.
- c. Open the Screen box rear cover. Identify the 4 x USB ports on the Panel PC. One USB port will be free for connection to the Label Printer. Orange Arrow in picture below



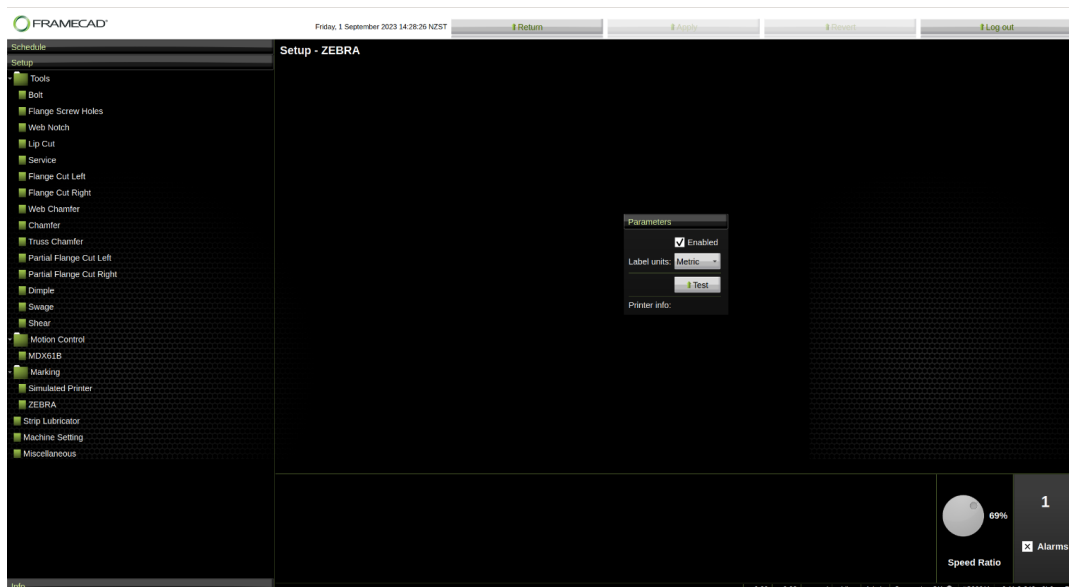
- d. Feed the USB cable down through the mounting base tube of the screen box following the other cables.
- e. Open the roller-gang top cover, pull the USB cable through and route down the inside of the rear cover. Keep the cable clear of the moving parts of the shear mechanism by securing with cable ties.



- f. Feed the USB cable out the bottom of the machine end cover and rout to the printer. Some form of cable protection recommended.



- g. Connect each end of the USB cable to the printer and to the Screen.
- h. Connect the printer power cable to a nearby power socket or power extension lead cable. Plug the other end of the cable to the printer and switch on the printer. Power up the Rollformer machine.
- i. Enable the Printer in Factory Software. Setup>Marking>Zebra.
- j. Test the printer by pressing the Test button shown below. The Machine serial number should print out on the label printer. For Printer darkness adjustment procedure , see <https://www.youtube.com/watch?v=mAkeeJOiRK0>



7 Appendix A: Update Machine Configuration Script

WARNING! You will only need to do this when directed by the FRAMECAD team. Importing an incorrect file will cause improper operation of your machine and will require technical support to resolve.

The script is used to update certain configuration items for your individual machine.

This is factory set, but if we need to update it, the script will be provided by a FRAMECAD Technician or Staff member.

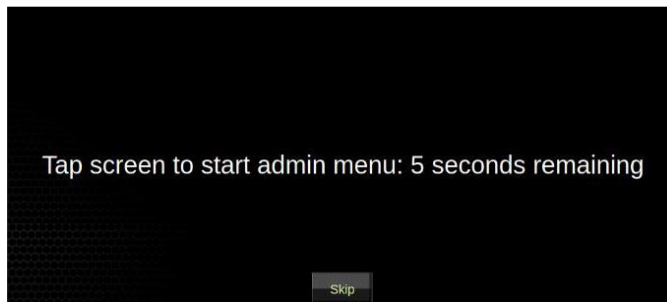
Transfer the script onto a USB flash drive.

Insert the USB Drive into the USB port on the front of the Operator Touchscreen.

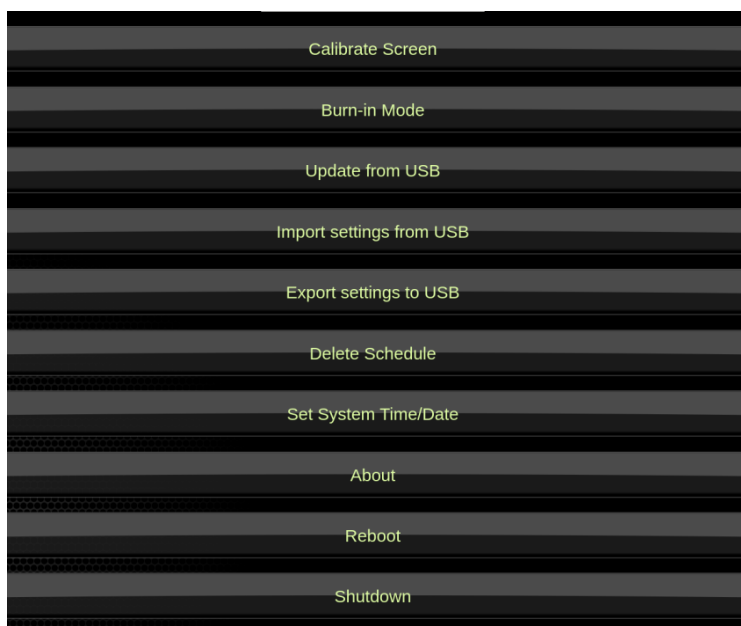
Access Admin menu

Turn on the machine using the main power isolation switch and tap the screen before the on-screen 5

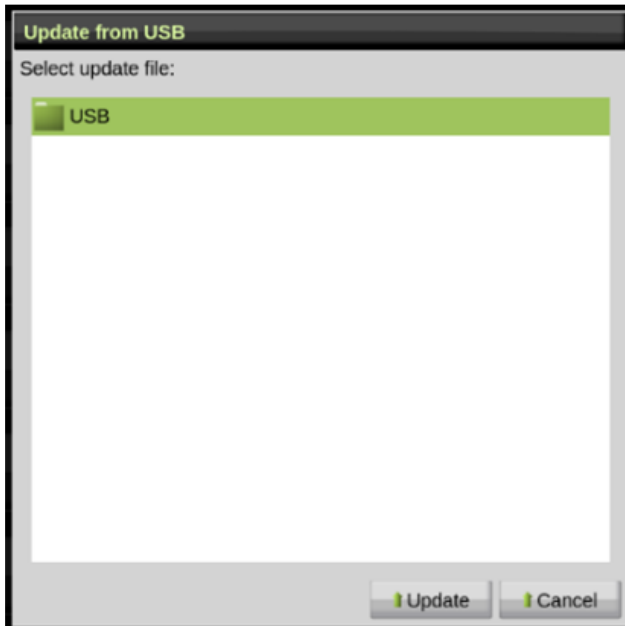
second countdown has finished.



This will open the Admin Menu.



In the Admin Menu, press the **Update From USB** button. The **Update from USB** dialog will appear.



From the dialog box, select USB. Folders and files inside the USB will open.

Select the script file sent by FRAMECAD and press **Update**.



The update will be applied. When finished, a confirmation message saying **Script finished** will appear.

Click **OK** to return to the Admin menu.

Press **Reboot**.