

Novitool® Aero® Splice Press with IntelliSplice™ Technology Dashboard & Mobile App Manual



**NOTE: BLE and Wi-Fi compliant in the following countries:
Canada, Europe, United Kingdom, and United States.**

WARNING

IMPROPER OR UNSAFE use of this tool can result in serious bodily injury! This manual contains important information about product function and safety. Please read and understand this manual BEFORE operating the tool. Please keep this manual available for other users and owners before they use the tool. This manual should be stored in a safe place.

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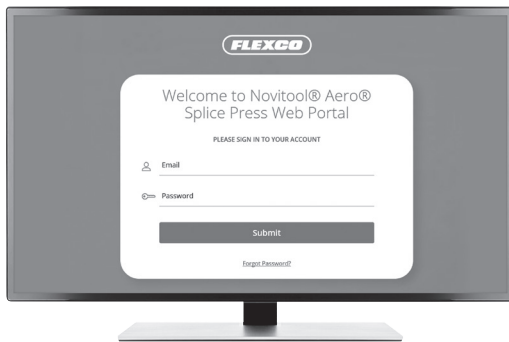
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Initializing Press

Prior to first time operation, ***you must register your press in order to unlock it for use.***
This will also allow Flexco to communicate critical firmware updates.

- Once the press has power, select language and then the QR Code to register the press will appear. Go to flexco.com/code to enter the press serial number to obtain press activation code.
- Select the check button. Using either touchscreen or D-pad controller enter activation code.
Select check again.
- Contact Flexco Customer Service if you have difficulties entering the code.

Connectivity Specifications



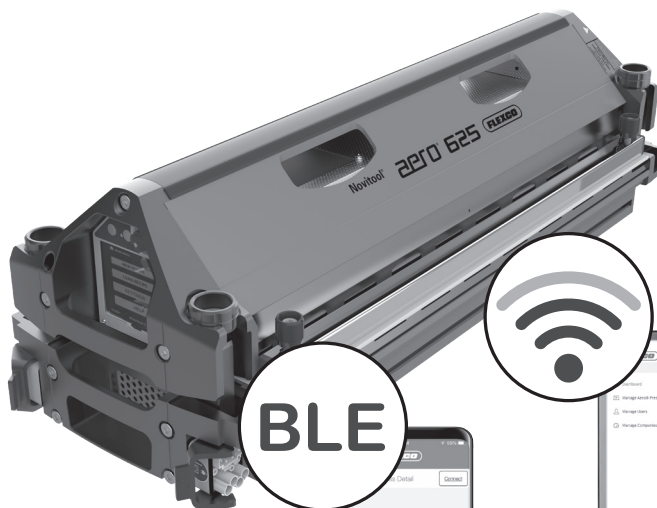
Web browsers recommended:

- Google Chrome
- Firefox
- Edge
- Safari



Smart device specifications:

- iOS – version 12.0 or newer
- Android – version 7.0 or newer

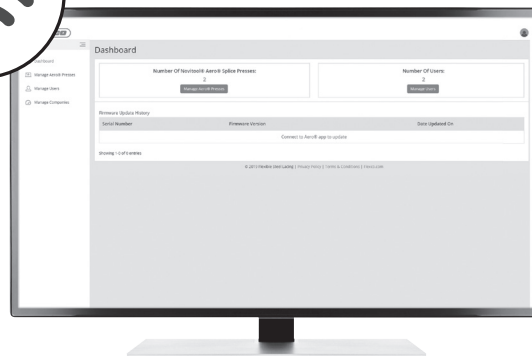
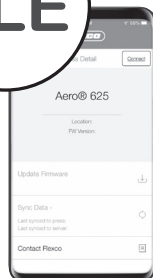


BLE

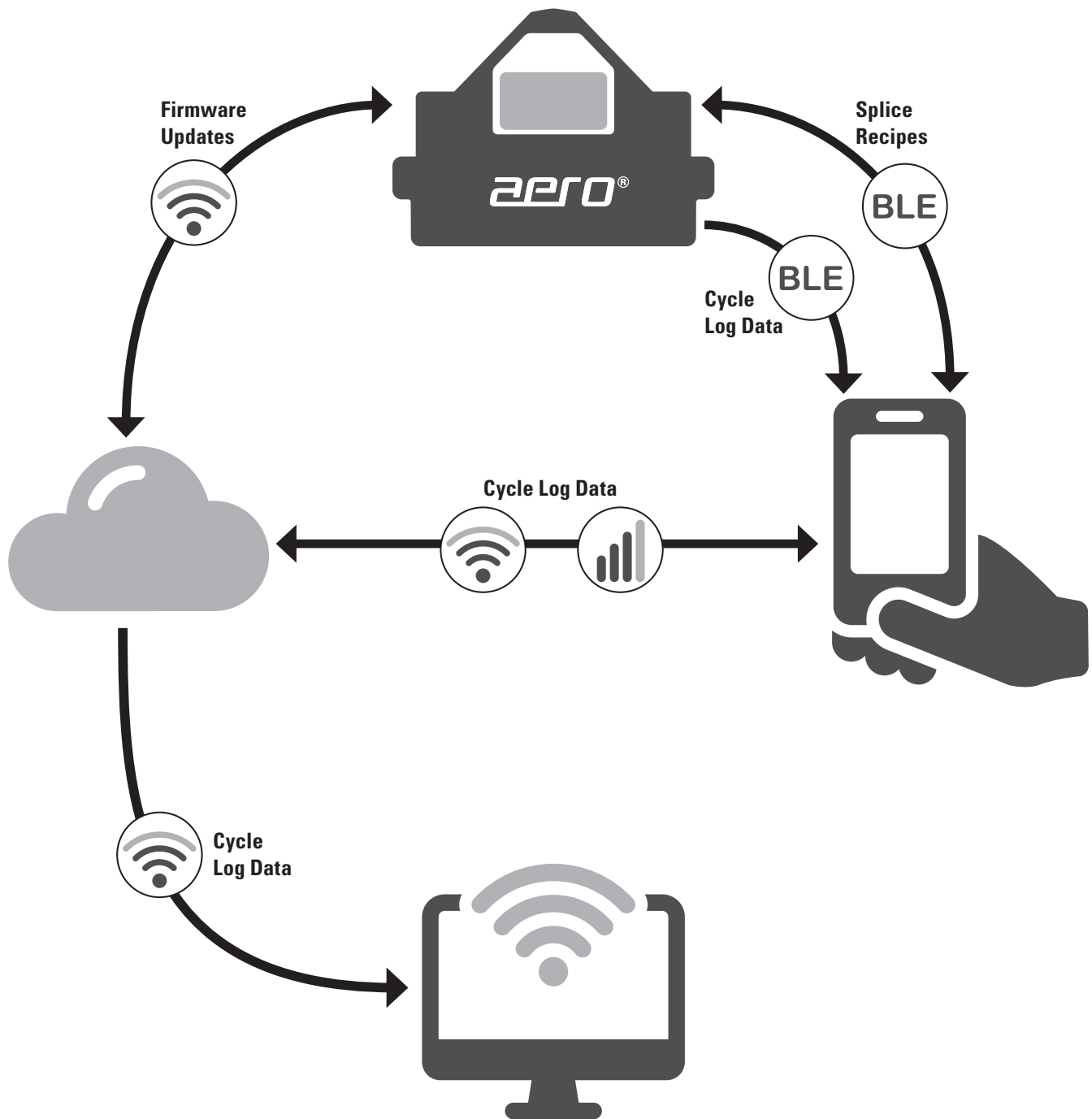


Connections:

- BLE connection Aero press to smart device
- Wi-Fi connection Aero press to Cloud & Dashboard




How IntelliSplice™ Connectivity Works




Novitool® Aero® Splice Press with IntelliSplice™ Technology Initialization & Dashboard Registration

Prior to first time use of the Aero press, operator must initialize the press by registration. The information provided will allow Flexco to communicate critical press firmware updates and provide the operator permission to utilize the Novitool® Aero® Splice Press Dashboard and Aero® Mobile App.

English

Novitool® Aero® Splice Press with IntelliSplice™ Technology



New Customer

Enter your serial number to access the activation code for your new Novitool® Aero® Splice Press with IntelliSplice™ Technology.

Serial Number

Enter the serial number exactly as it appears on your tool, including dashes.

Submit

Existing Customer

If you are already registered with Novitool® Aero® Splice Press Dashboard, please click the button below to access the Dashboard to register your new press and retrieve the Activation Code.

Go to Dashboard...

Novitool® Aero® Splice Press with IntelliSplice™ Technology Initialization & Dashboard Registration

New Customer

1. Use the D-pad controller to toggle left, right, up, down or indent or use display touchscreen to select appropriate language (English, Spanish, German, French, Italian, Polish, Dutch, Chinese, Japanese, Bahasa). After language selection, select the check button.
2. Scan QR code or go to flexco.com/code to enter press serial number. If you are not registered in the Novitool® Aero® Splice Press Dashboard, under New Customer, enter the Aero® press serial number exactly as it appears on serial number plates including dashes.



Serial numbers can be found at the rear of press or on the transport case.

3. Fill out information in the fields. When complete select the **SUBMIT** button.

Thank you. We need to get your tool registered.

Required Fields*

Company Name*

Belts R Us

Primary Contact First Name*

Daryl

Primary Contact Last Name*

Smith

Address*

352 Right Turn Dr

City*

New Castle

State/Province*

IN

Zip/Postal Code*

47362

Country*

United States

Primary Contact Email*

darylsmith@gmail.com

Primary Contact Phone*

+17651235588

This information is required and will only be used to contact you about your purchased tool and press software. It will not be shared or used for marketing purposes.

Submit

Note: If you try to register under New Customer and your email exists in the dashboard, a warning will appear that advises to select Go to Dashboard button to create and register the press.

4. The ten-digit activation code will display and is ready to enter on new press.



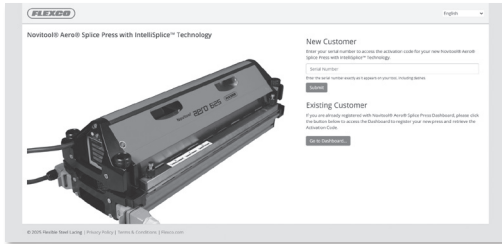
Note: A confirmation email will be sent listing the Serial # and Activation Code.

5. At the press “**Enter Activation Code**” and select check.

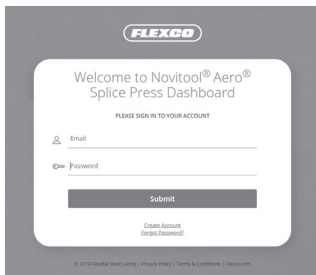
Novitool® Aero® Splice Press with IntelliSplice™ Technology Initialization & Dashboard Registration

Existing Customer

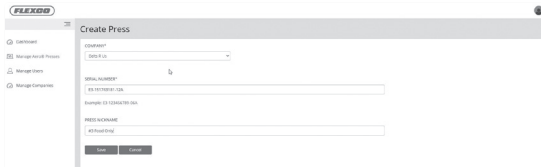
1. If you are already registered in the Novitool® Aero® Splice Press Dashboard, under Existing Customer select the Go to Dashboard button.



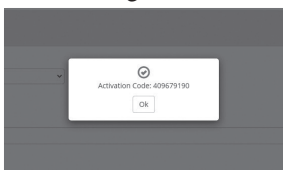
2. Sign into your account with your Email and Password and select the **SUBMIT** button.



3. Upon log in the Create Press page appears.
4. Select the **Company Name** from the dropdown.
5. Enter the Aero® press serial number exactly as it appears on serial number plates including dashes. Serial numbers can be found at the rear of press or on the transport case.



6. Create a press nickname if desired. If a nickname is not created, then the press serial number is displayed.
7. Click the **SAVE** button.
8. The ten-digit activation code will display and is ready to enter on new press.



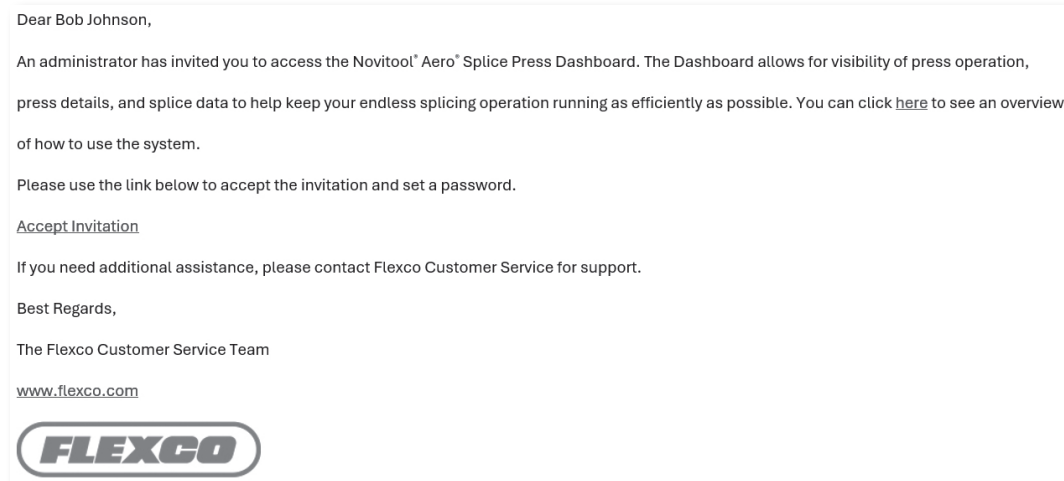
Note: A confirmation email will be sent listing the Serial # and Activation Code.

9. At the press “**Enter Activation Code**” and select check.

Accessing the Novitool® Aero® Splice Press Dashboard

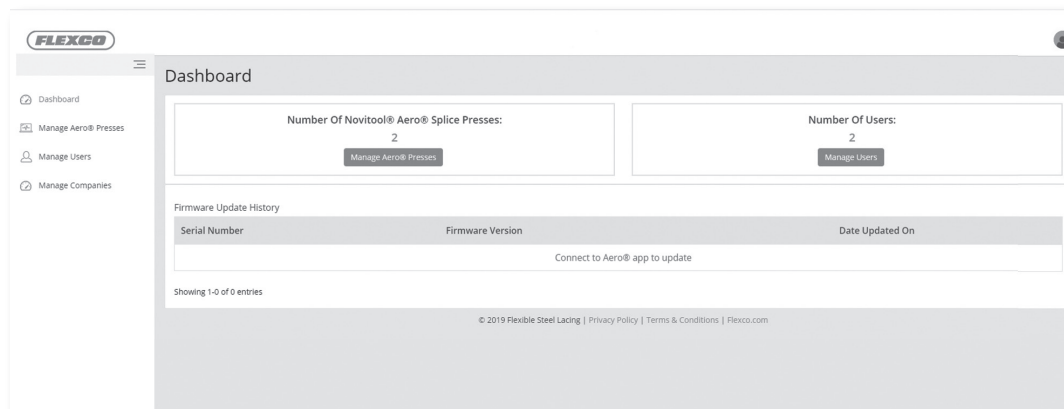
Immediately following the online registration of your Novitool® Aero® Splice Press with IntelliSplice™ Technology, you will receive an email invitation from Flexco to access the Novitool® Aero® Splice Press Dashboard.

Click link provided in email. **Note:** A Wi-Fi or cellular connection is required to log in to dashboard.



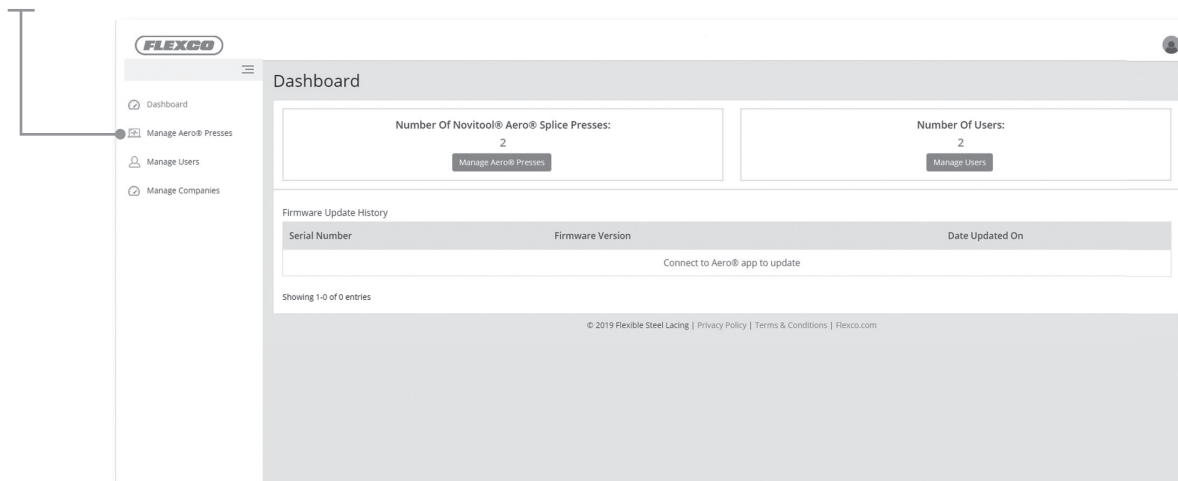
- The link will direct user to a reset password page in order to set up a password for the dashboard and mobile app. Password must be a minimum of 8 characters and must contain at least one of each of the following: one upper case letter, one lower case letter, and one number. Enter password twice and click **Submit**.
- Dashboard URL: <https://Novitool.flexco.cloud>
- Cellular or Wi-Fi connection is needed in order to log in and/or connect to the dashboard.
- Log in to the Novitool® Aero® Splice Press Dashboard by entering your email address and password. Click the **Submit** button.

The first screen is the main dashboard screen. This view shows the number of Aero® presses that have been registered to your company account, the number of users that have been registered to your company account, and the Firmware Update History.



Note: First-time user will automatically be set up as a Company Admin user. Company Admin users are able to add presses and users. Operator users are able to view only.

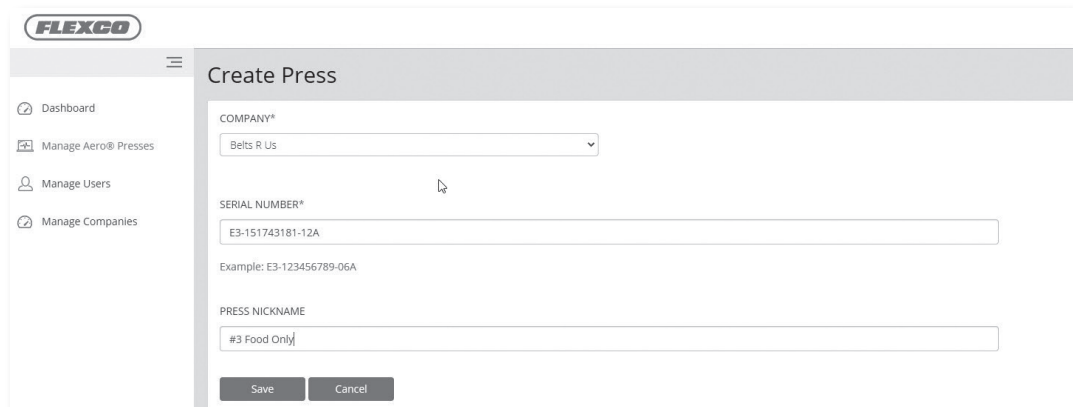
To add/manage Aero® presses, select **Manage Aero® Presses** in side menu.



- Select **Create Press** button to add a new, registered press.



- Adding a new press:
 1. Select your company.
 2. Add the Aero press serial number exactly as it appears on the serial number plate on rear end plate of press.
 3. Create a Press Nickname. Character length is 16 characters. If a nickname is not created, then the press serial number is displayed.
 4. Choose **Save** to complete process.



Aero® Mobile App

Connecting Mobile App to Press

Plug in and power on Aero® Press per Novitool® Aero® Splice Press with IntelliSplice™ Technology Safety and Operation Manual.

The Aero® Mobile App functions include:

1. Adding recipes and syncing recipes on Aero press in order to add, edit or delete recipes and sync back to press.
 2. Sync and upload splice cycle data to dashboard
- On your smart device, select Aero® Mobile App icon to load the mobile app. Use "Novitool® Aero® Splice Press" to search your store.

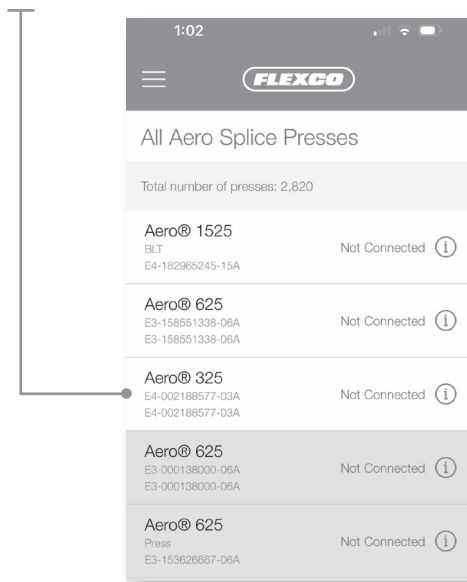
Note: User must be already registered on dashboard with a User Name and Password in order to use the Aero® Mobile App. A Wi-Fi or cellular connection is required to download mobile app.



Smart device specifications:

- iOS – version 12.0 or newer
- Android – version 7.0 or newer

- Once the Aero® Mobile App has been downloaded to your Smart Device, open the mobile app.
- At Log in, enter User Name and Password (*same as established on dashboard*) and select **Get Started** button.
- Home screen displays all registered Aero® Splice Presses. Presses that are powered on and within range of BLE will show a white background and are selectable. **NOTE:** If AEROPRESS-E4-xxxxxxxx-xxA is in upper case, the press is within BLE range, but is not accessible, it needs to be registered and added to the dashboard.
 - BLE range is approximately 50 feet (15 meters).
 - BLE is integrated into the Aero press.
- Select desired Aero® Press (white background) to initiate connection. The mobile app may be connected to only one Aero® press at a time.



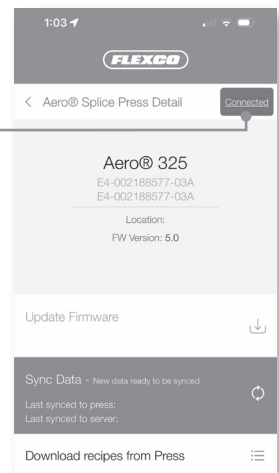
Troubleshooting Tip:

Presses that are powered on and within range of BLE will show a white background and are selectable.

If no presses are highlighted in white:

- confirm press is powered on
- ensure BLE is enabled on smart device
- refer to Troubleshooting Guides on pages 27-28
- contact Flexco Customer Service for more assistance

- Select the **Connect** button to connect with selected press. When the Aero® press is connected to the mobile app, the app sounds an audible tone and the LED light on the green start button of the press illuminates blue.
- Once connected to press, there are two processes available:
 1. **Download Recipes from Press** → Select to sync recipes from Aero press.
 2. **Sync Data** → “Red” banner indicates **Sync Data**. New splice cycle logs are available for upload.
 → “Green” banner indicates **Data Sync Complete**.
 No additional splice cycle logs to upload.
 → “Yellow” banner indicates an upload is necessary.
 Go To **Offline Sync Logs** to Complete Sync (on page 20).
 3. **Update Firmware** → Update firmware will be grayed out for Aero's with IntelliSplice Technology as firmware updates will take place via Wi-Fi. See Update Firmware page 22.



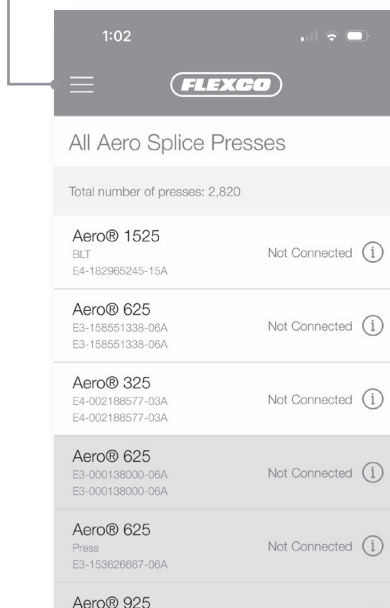
Local Recipes (Offline Creation & Syncing)

- You can create recipes in the Aero Mobile App without needing to connect to an Aero Press.
- Once you connect to an Aero Press, you can sync these recipes to the Aero Press.
- **CAUTION:** Syncing Local Recipes **replaces** all existing recipes on the Aero Press with the ones from your Mobile App/Local Recipes.

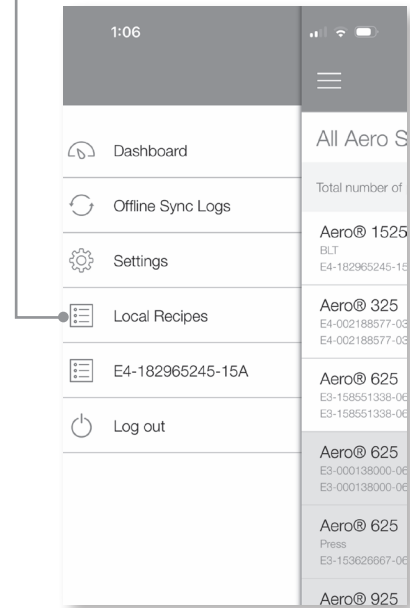
Open Aero Mobile App

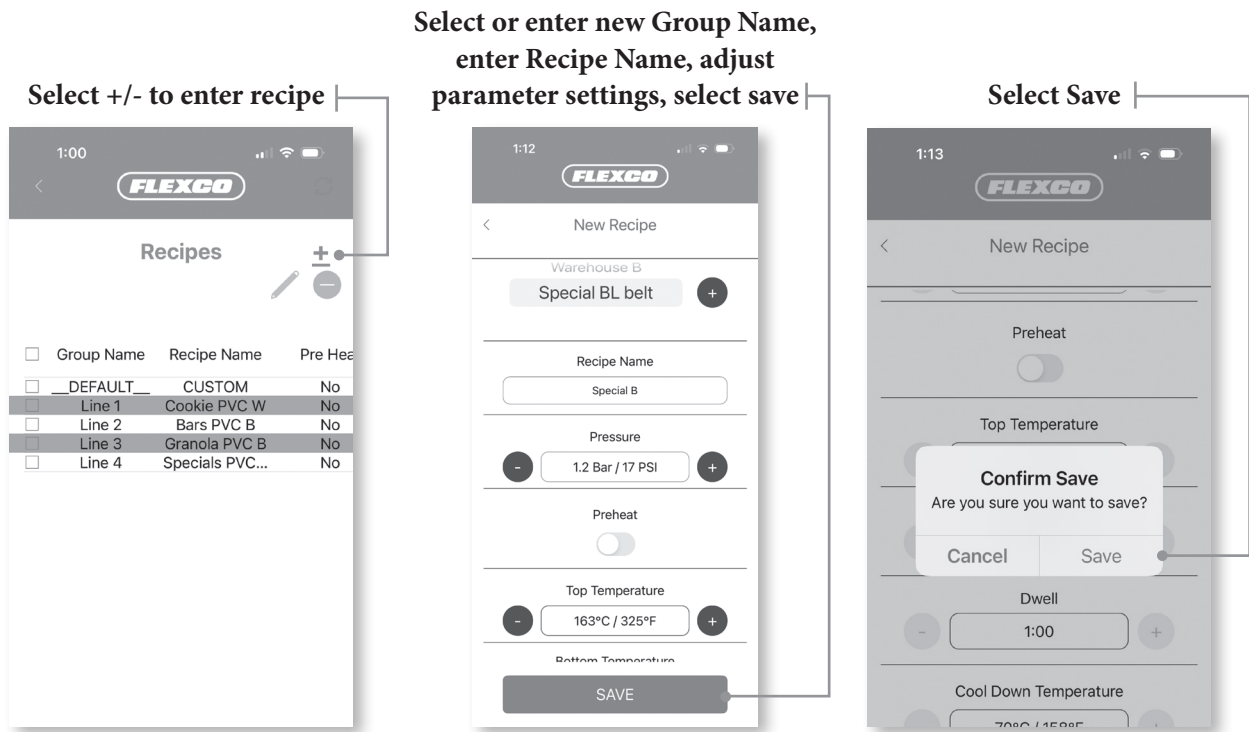


Select Drop Down Menu



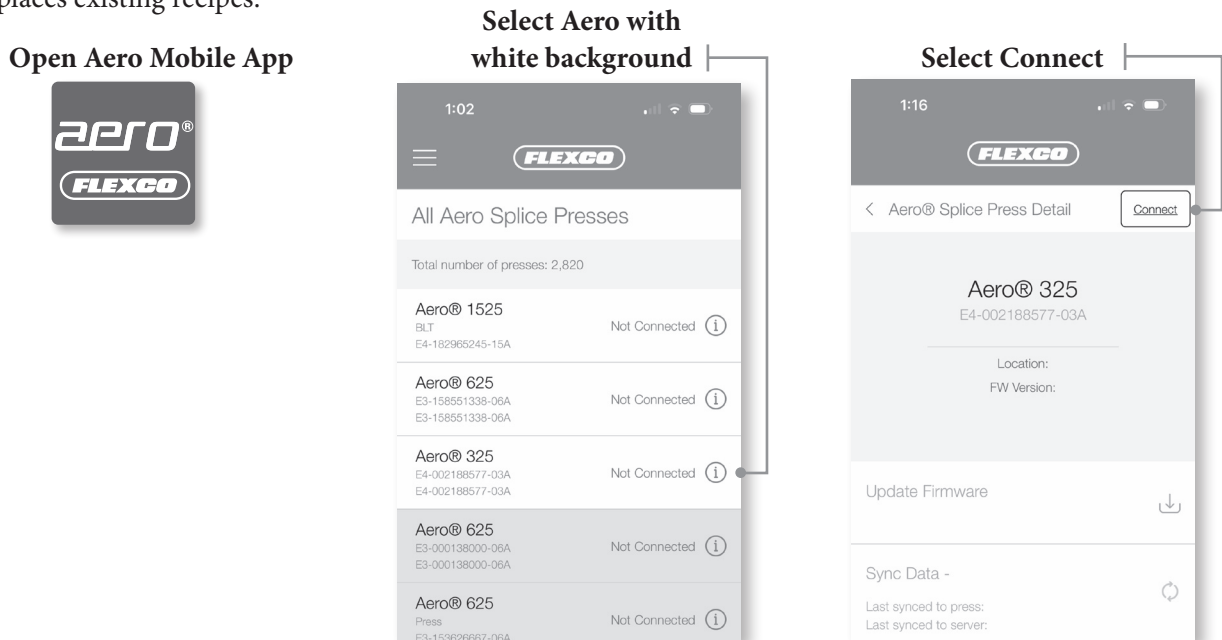
Select Local Recipes



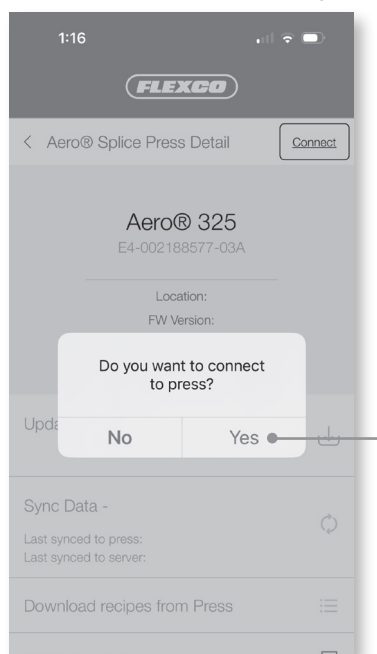


Syncing Recipes from an Aero Press (Modify & Sync Back)

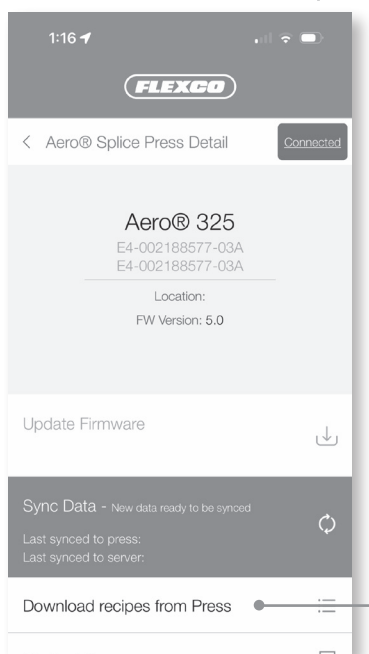
- Connect to an Aero Press and select Download recipes from the press which syncs recipes on press to Mobile App.
- These recipes are saved in the app (linked to the Aero Press's serial number) for future reference and editing.
- You can add, edit, or delete recipes and then sync them back to the Aero Press.
- **CAUTION:** Syncing updates to the Aero Press with the recipes from your Mobile App, overwrites and replaces existing recipes.



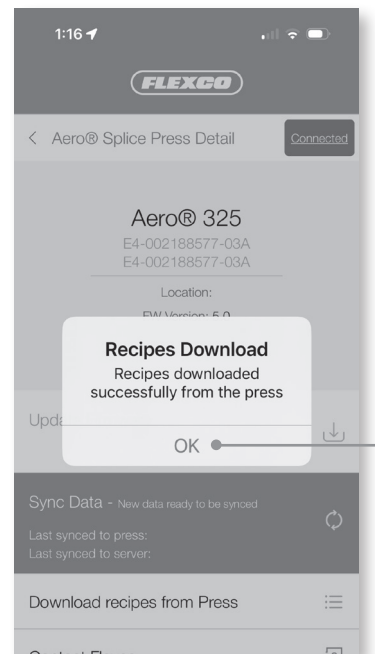
**Select Yes
to connect to press**



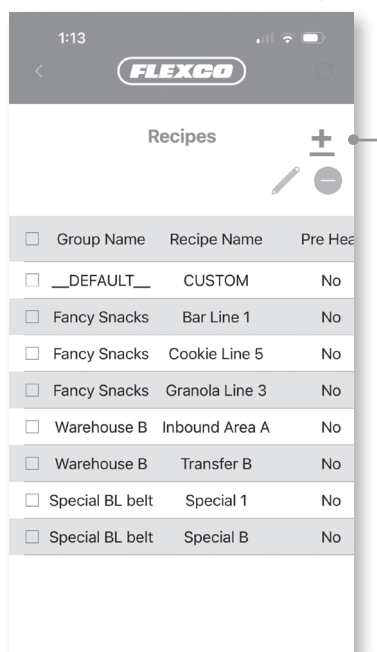
**Select Download recipes
from Press**



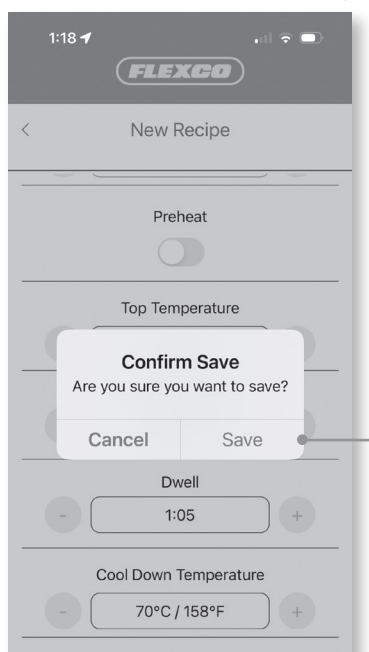
**Select OK
to download recipes**



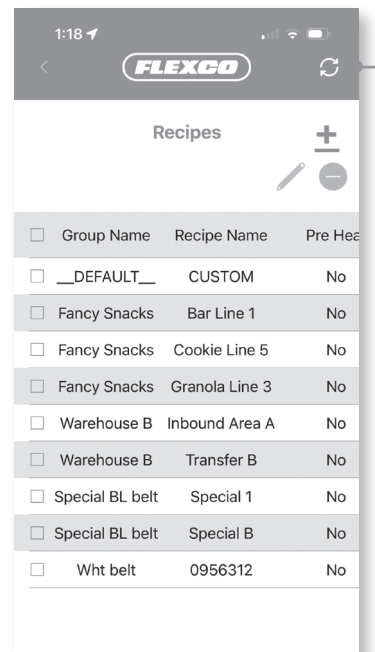
**Select +/-
to enter recipe**

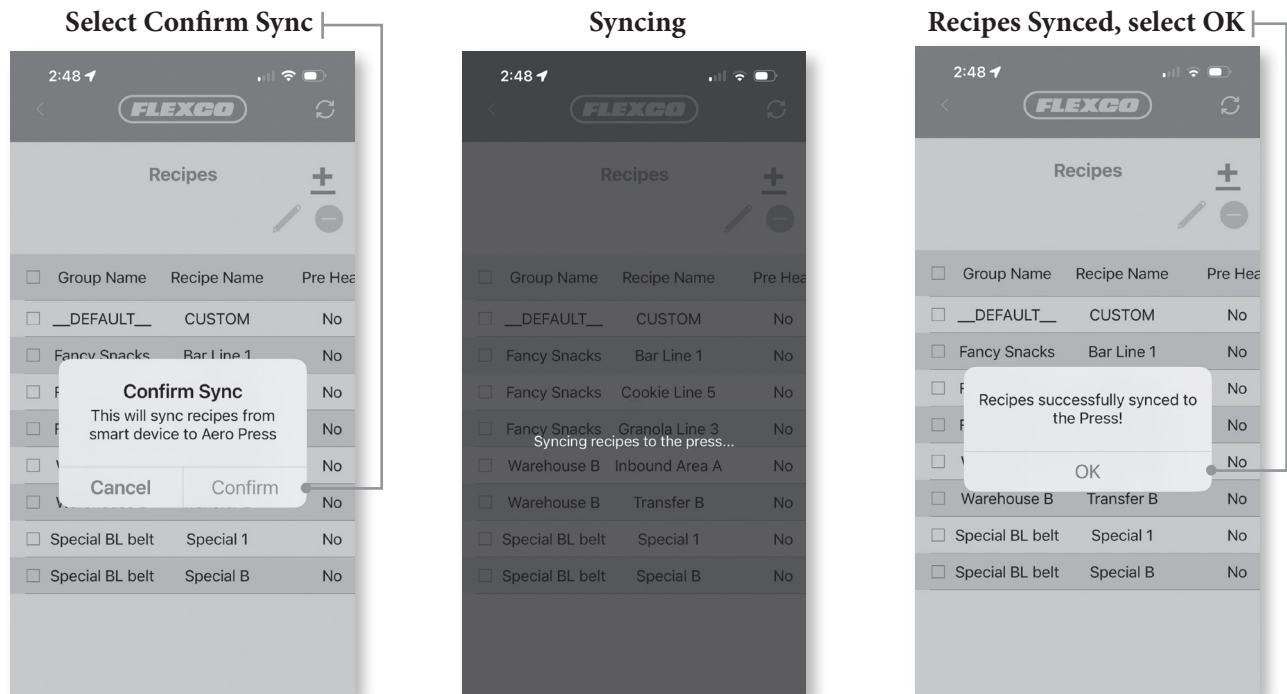


**Select or enter new
Group Name, enter Recipe
Name, adjust parameter
settings, select Save twice**

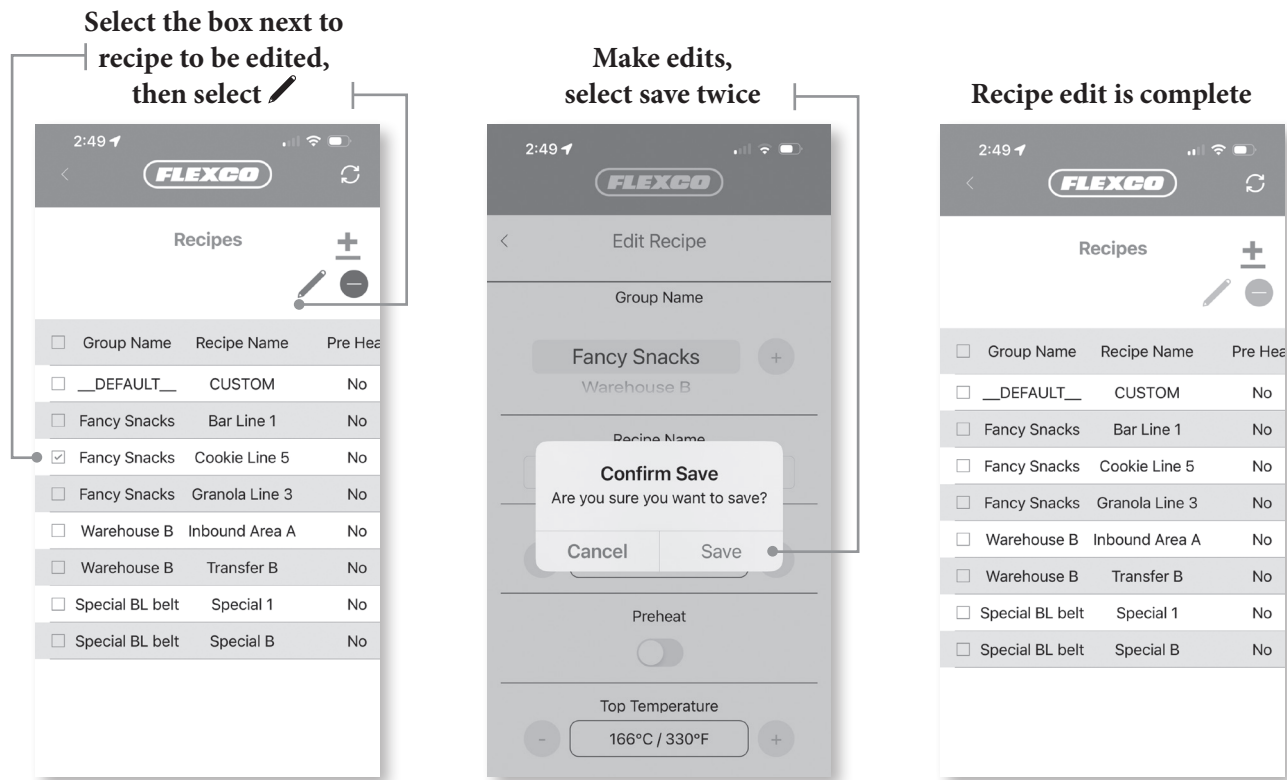


**Select ↺ to sync recipes back
to Aero press**






Editing Recipes on Aero Mobile App

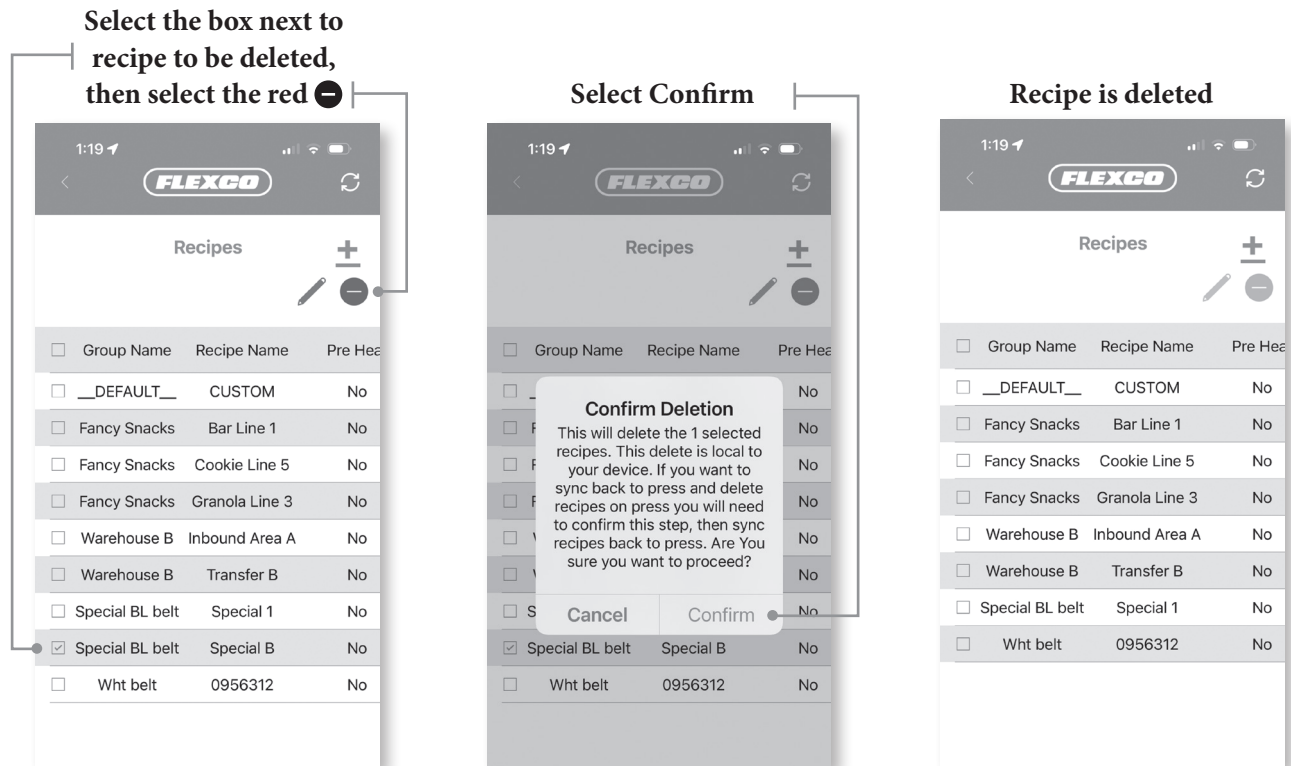


Deleting Recipes on Aero Mobile App

Select the box next to recipe to be deleted, then select the red 

Select Confirm

Recipe is deleted



<input type="checkbox"/>	Group Name	Recipe Name	Pre Heat
<input type="checkbox"/>	__DEFAULT__	CUSTOM	No
<input type="checkbox"/>	Fancy Snacks	Bar Line 1	No
<input type="checkbox"/>	Fancy Snacks	Cookie Line 5	No
<input type="checkbox"/>	Fancy Snacks	Granola Line 3	No
<input type="checkbox"/>	Warehouse B	Inbound Area A	No
<input type="checkbox"/>	Warehouse B	Transfer B	No
<input type="checkbox"/>	Special BL belt	Special 1	No
<input checked="" type="checkbox"/>	Special BL belt	Special B	No
<input type="checkbox"/>	Wht belt	0956312	No

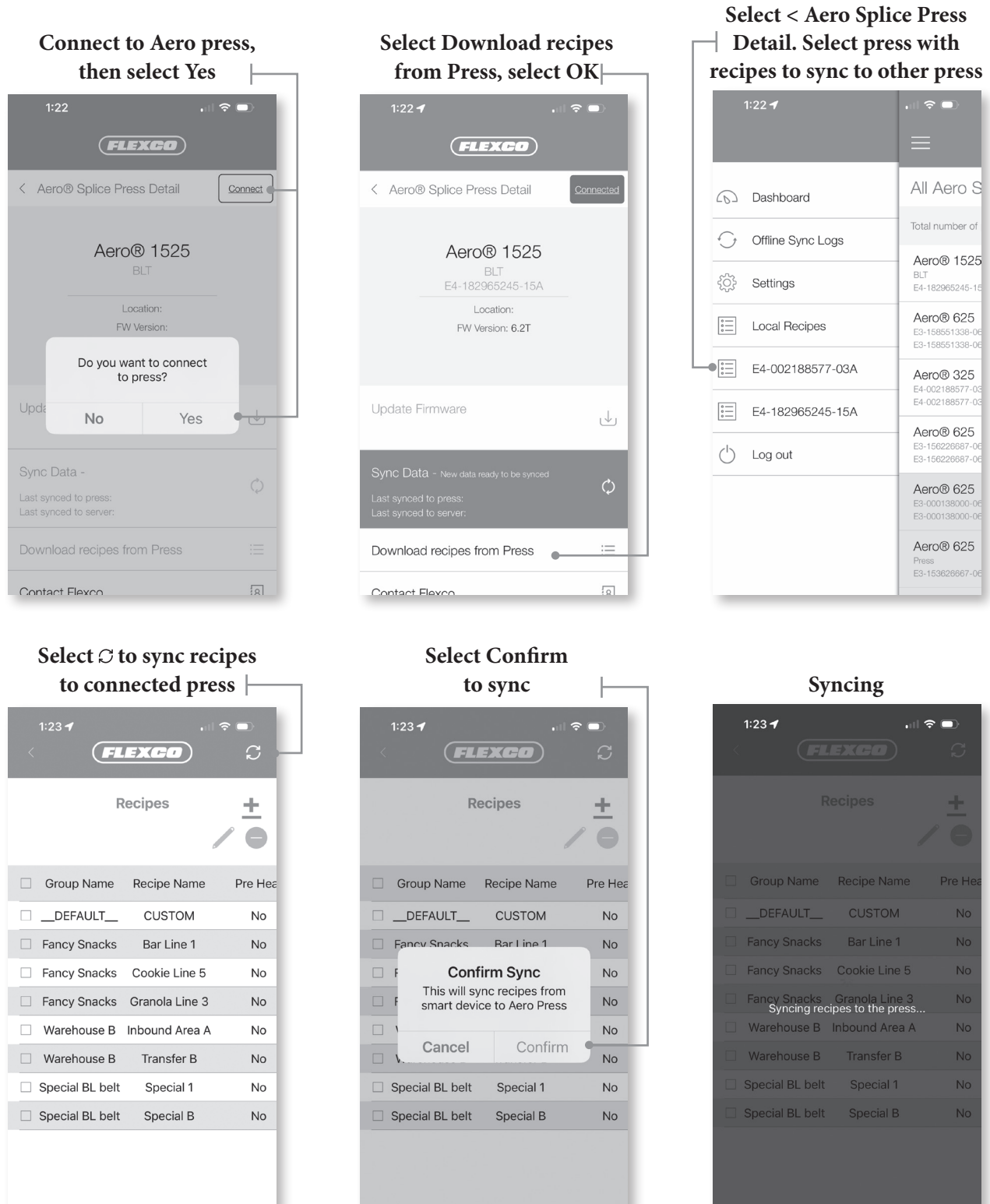
Confirm Deletion
This will delete the 1 selected recipes. This delete is local to your device. If you want to sync back to press and delete recipes on press you will need to confirm this step, then sync recipes back to press. Are You sure you want to proceed?

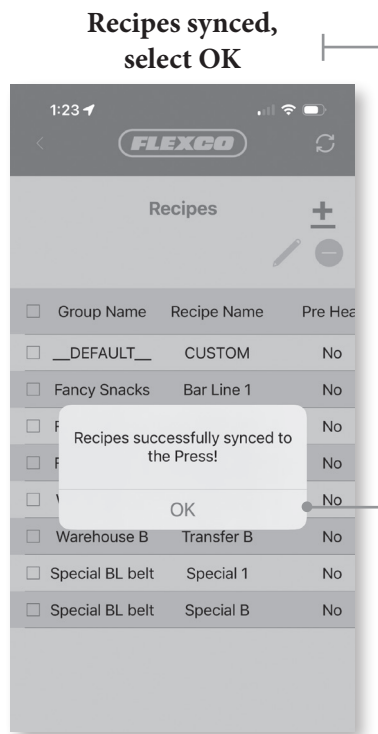
Cancel Confirm

<input type="checkbox"/>	Group Name	Recipe Name	Pre Heat
<input type="checkbox"/>	__DEFAULT__	CUSTOM	No
<input type="checkbox"/>	Fancy Snacks	Bar Line 1	No
<input type="checkbox"/>	Fancy Snacks	Cookie Line 5	No
<input type="checkbox"/>	Fancy Snacks	Granola Line 3	No
<input type="checkbox"/>	Warehouse B	Inbound Area A	No
<input type="checkbox"/>	Warehouse B	Transfer B	No
<input type="checkbox"/>	Special BL belt	Special 1	No
<input type="checkbox"/>	Wht belt	0956312	No

Sync Multiple Aero Splice Presses with IntelliSplice Technology for quality splice repeatability

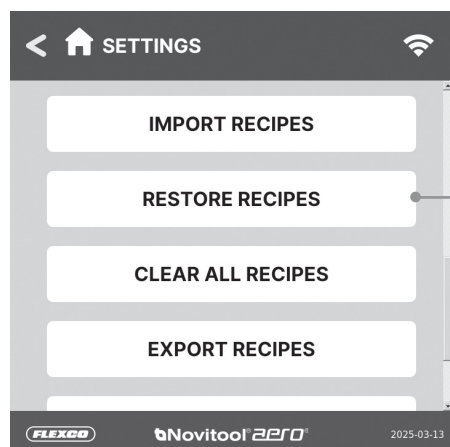
- You can request recipes from one Aero Press and then sync them to another Aero Press.





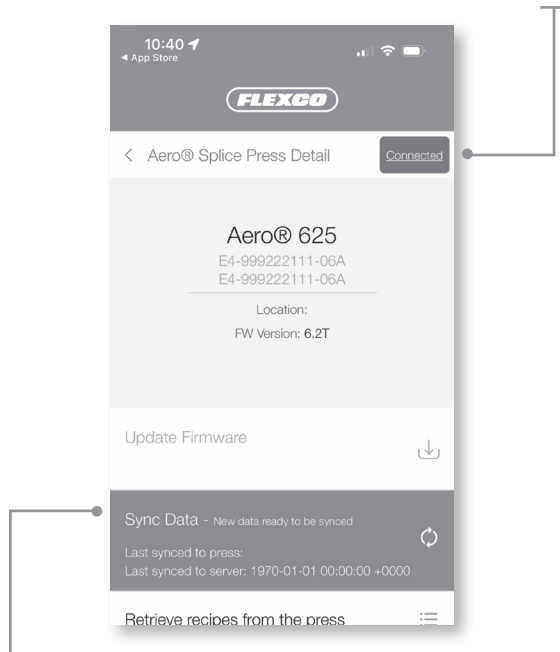
4. Restoring Recipes (Undo a Sync)

- If you accidentally sync recipes to an Aero Press and need to revert to the previous recipes, you can restore them on the press user interface.
- **Go to:** Settings → Restore Recipes to bring back the last version of recipes before the sync.
- **Note:** This only restores the most recent version before the last sync, not multiple versions.
Tip: Always double-check your recipes before syncing, as each sync will override the current recipes on the Aero Press.

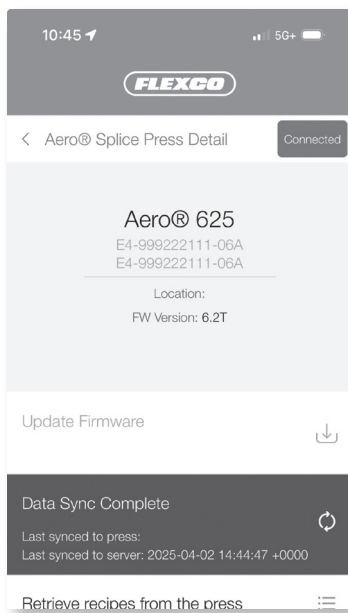


Sync Data to Dashboard

- Select the **Connect** button to connect to the press.



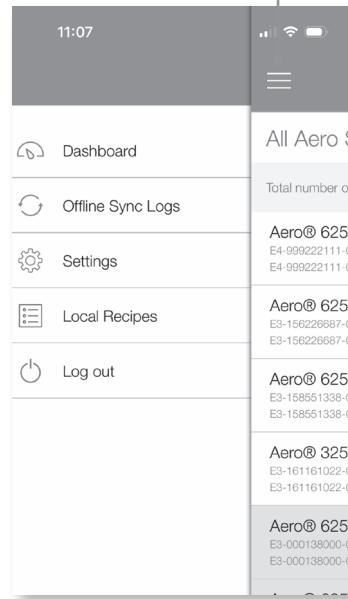
- Select “red” banner on **Sync Data**, to initiate data sync. In order to complete the Data Sync to the dashboard, you must have Wi-Fi or Cellular connectivity. The function of Sync Data is to upload all the splice cycle data logs since the last time it was uploaded. The upload time depends on the number of splice cycles and the connectivity.
- At completion a pop up indicates all log files uploaded successfully. Select **OK**. A “green” banner indicates **Data Sync Complete**. Select the **Connected** button to disconnect from the press.
- Select **Aero® Splice Press Detail** to go back to Aero press list.



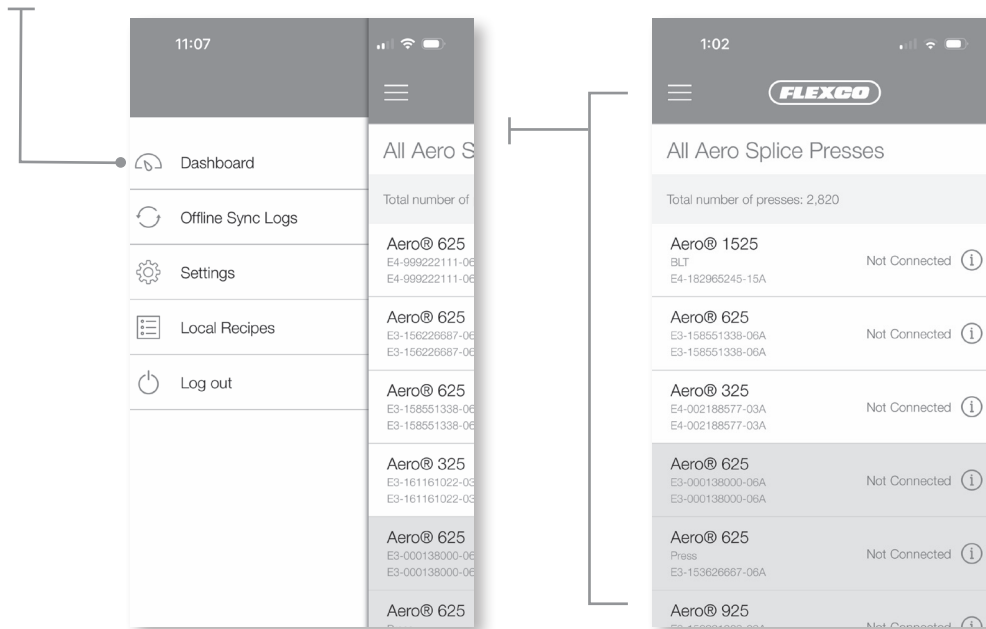
Additional Menu Features

- Select collapsed menu icon to access:

1. Dashboard
2. Offline Sync Logs
3. Settings
4. Local Recipes
5. Log Out

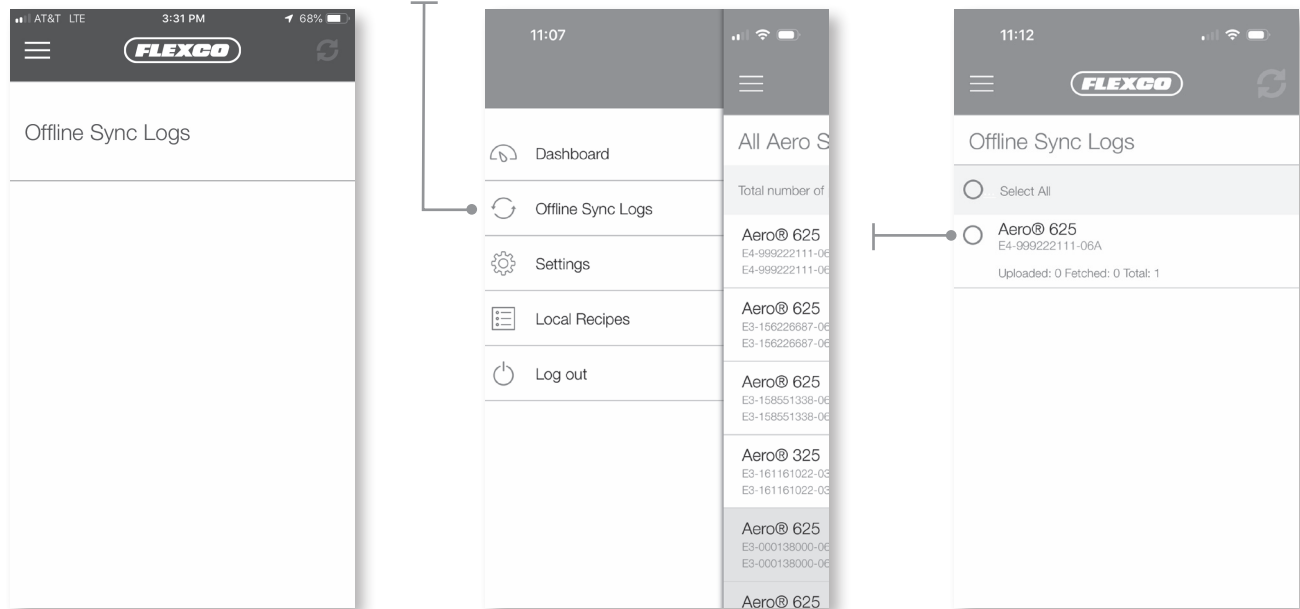


- Select **Dashboard** to display “All Aero Splice Presses” registered with Flexco under your company.



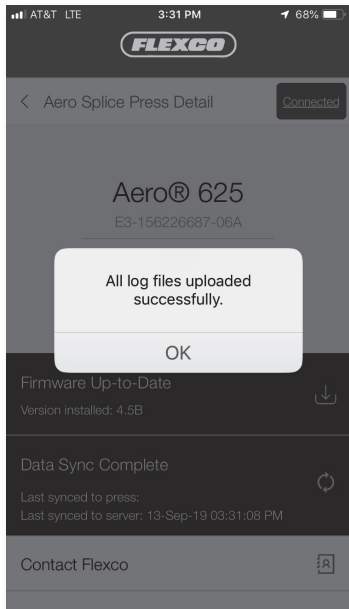
Offline Data Sync Upload to Dashboard

If Wi-Fi or cellular are not available during the Data Sync, splice cycle logs will need to be synced to smart device via BLE. **Go To Offline Sync Logs to Complete Sync** is indicated by a “yellow” banner. Once Wi-Fi or cellular connection is available, the user can perform data sync to push cycle logs from smart device to the dashboard.



Under menu icon, select **Offline Sync Logs**.

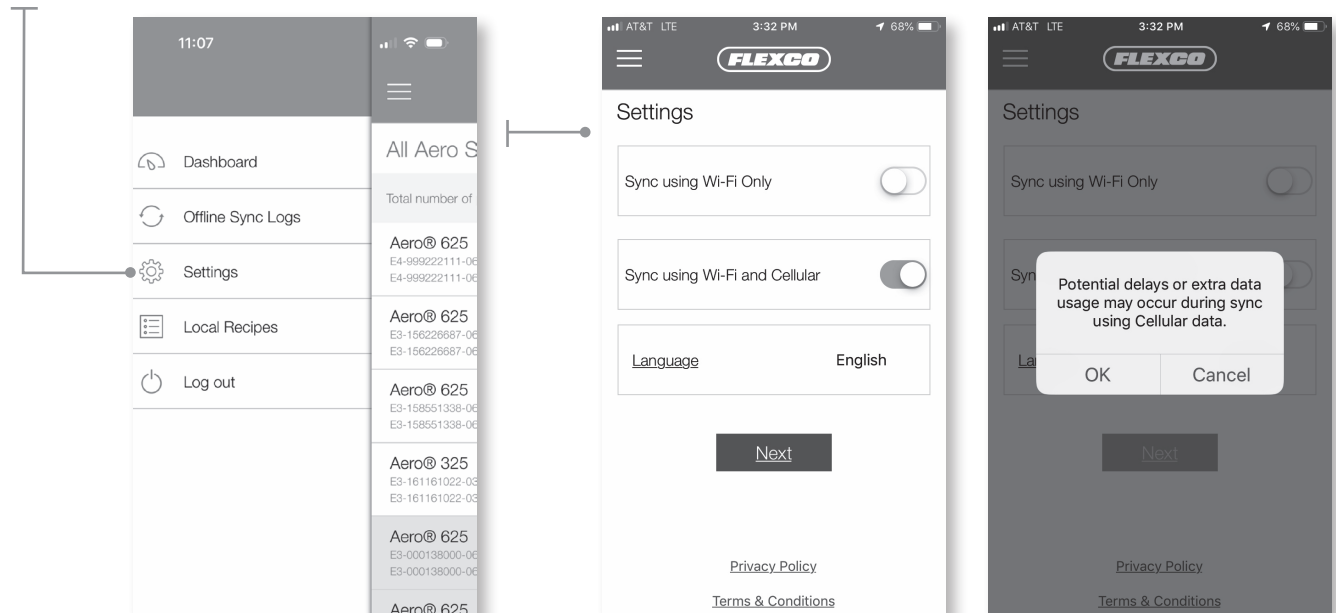
- Select press(es) and click on rotating arrows in upper right corner



Adjusting Connectivity Settings

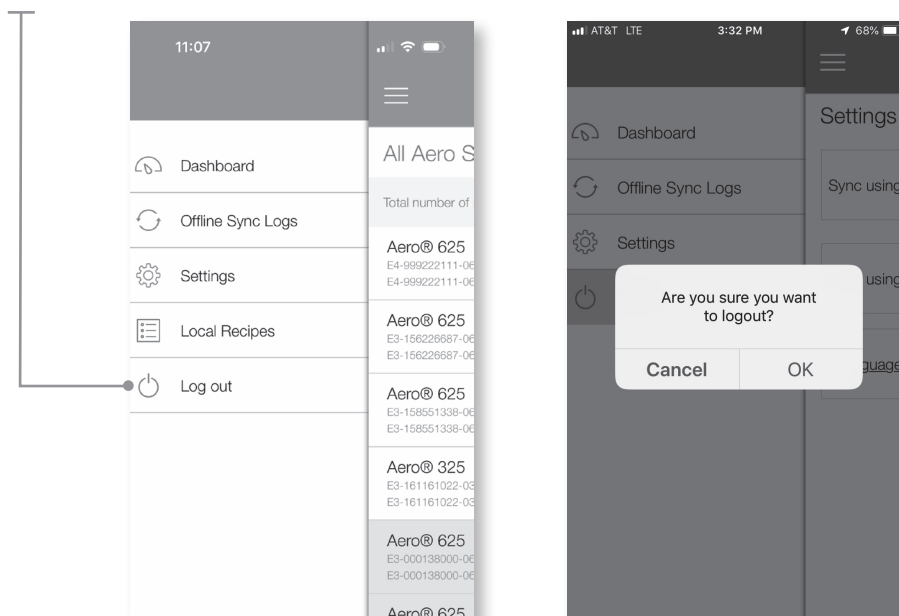
- Under the menu icon, select **Settings** to adjust sync settings and language preference. The mobile app defaults to **Sync using Wi-Fi and Cellular**.

Note: If Sync Using Wi-Fi and Cellular is selected, operator will receive a pop-up advising, “Potential delays or extra data usage may occur during Sync using cellular data”.



Logging Out of the Mobile App

- Under menu icon, select **Log Out** to log off of the mobile app

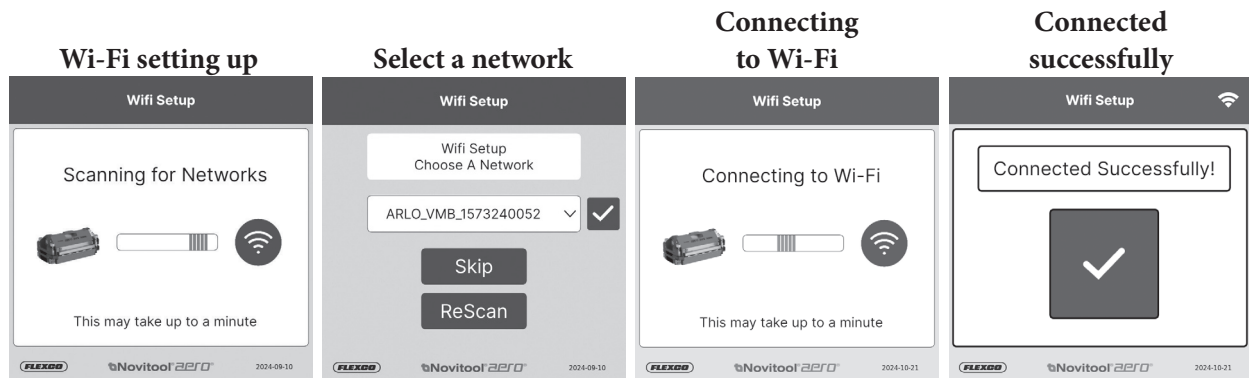


Contact Flexco's Customer Service if technical assistance is needed: www.flexco.com



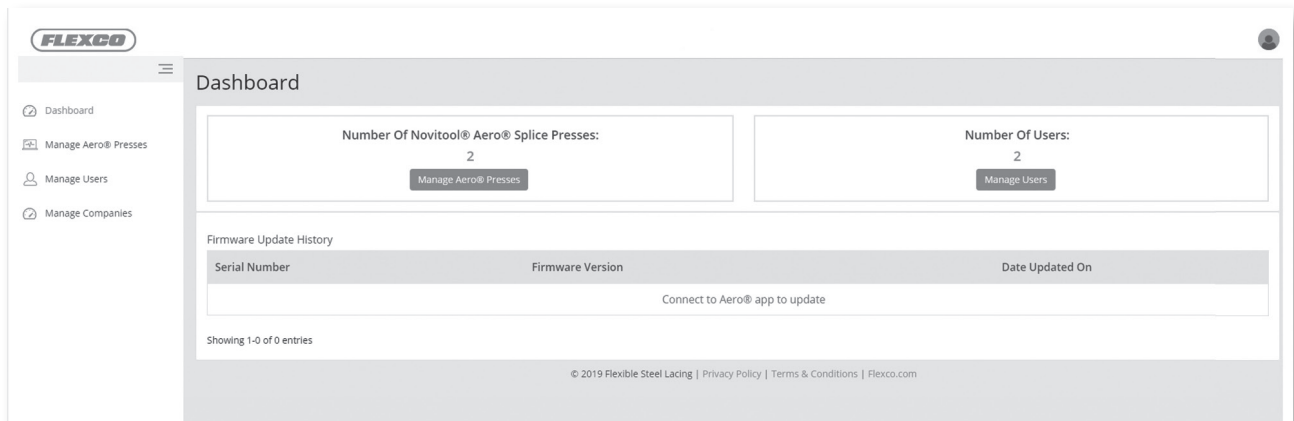
Update Firmware

- For firmware updates the Aero press must be connected to Wi-Fi. It is recommended to connect to the local Wi-Fi in order to quickly install firmware updates.
- Wi-Fi Setup: If operating in a country listed below, choose a Wi-Fi network.
- NOTE: Wi-Fi compliance has been granted to Canada, Europe, United Kingdom, and United States.
- NOTE: This product contains
FCC ID: 2ABCB-RPIRM0
ISED Certification No. : IC: 20953-RPIRM0



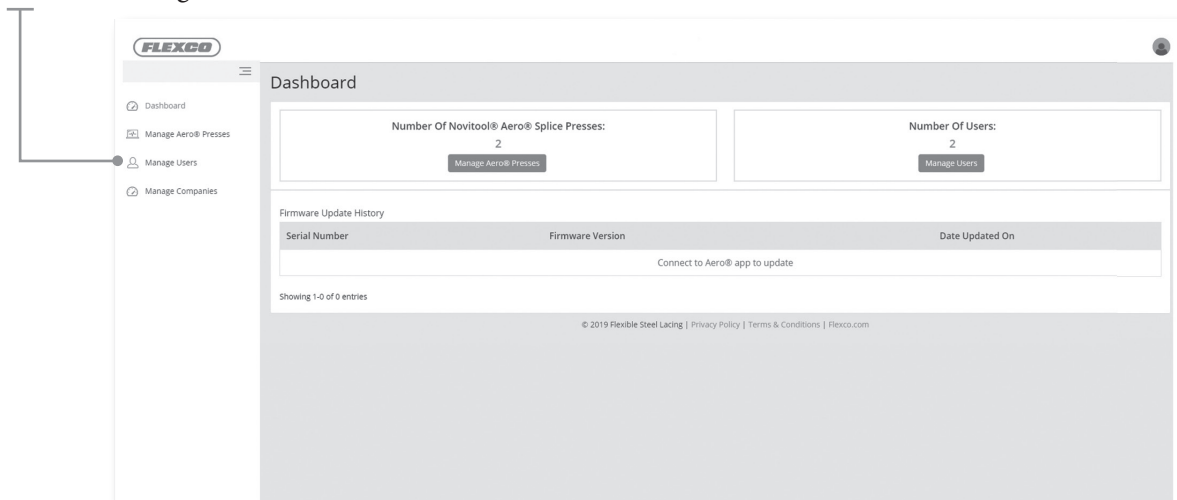
Additional Features of the Novitool® Aero® Splice Press Dashboard

The first screen of the dashboard (URL: <https://novitool.flexco.cloud>) shows the number of Aero® presses that have been registered to your company account, shows the number of users that have been registered to your company account, and the Firmware Update History.



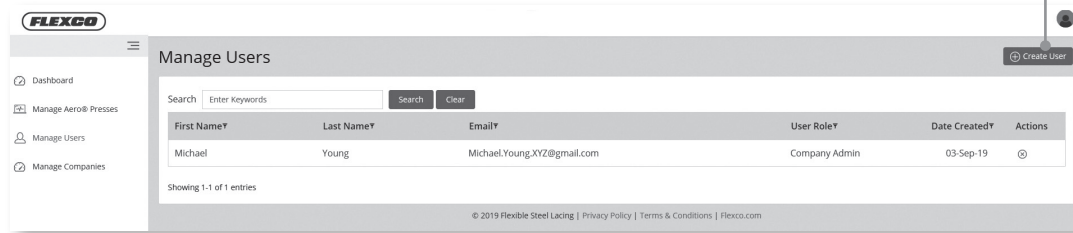
Managing & Adding Users

- Click on Manage Users in the left-side menu



- There are two types of users in dashboard:
 1. **Company Admin:** role is responsible for managing presses and users by adding, updating, or deleting.
 2. **Operator:** role is read-only access. This role is not permitted to add, update or delete presses or users. May view users, presses, firmware update history, data cycle logs and data cycle log graphing capabilities.

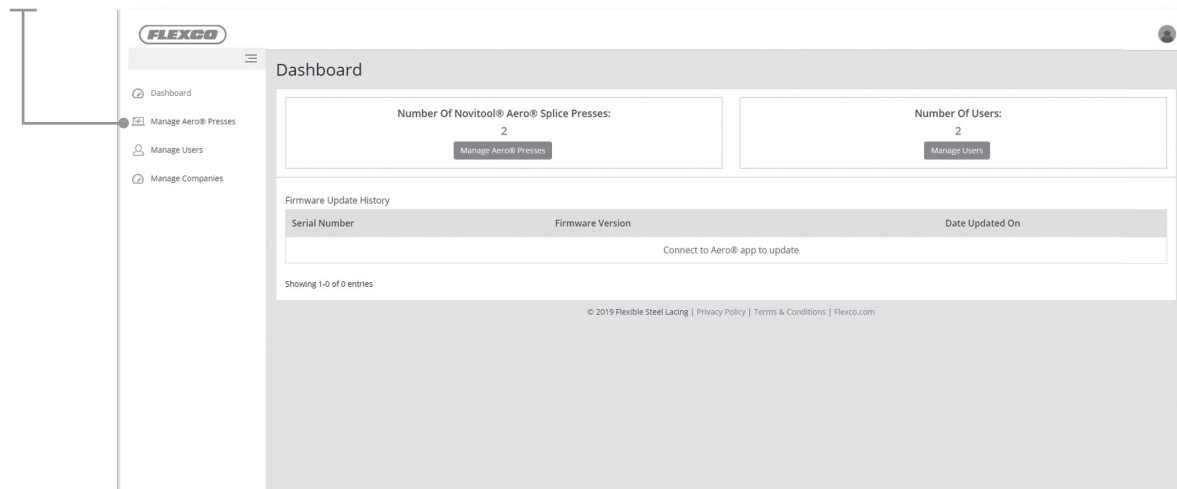
3. A Company Admin may create a new user. Click **Create User**.



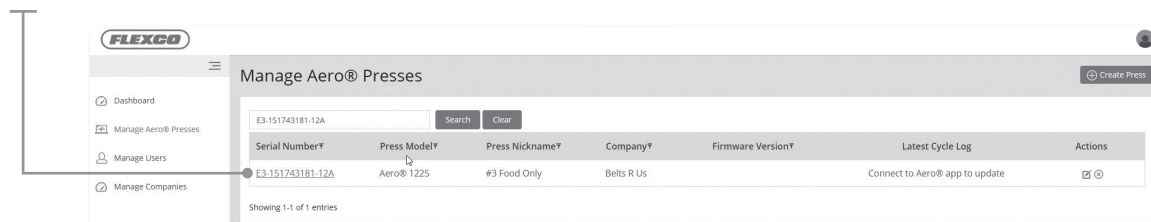
- Fill in detail in provided blanks and choose **Save** to complete addition of user.
- Note: When adding a new user, the new user will receive an email invitation to join the dashboard and mobile app.*

The screenshot shows the 'Create User' form. It has a sidebar with navigation links. The main area has a 'Create User' header. Below the header are several form fields: FIRST NAME* (John), LAST NAME* (Smith), EMAIL* (john.smith.xyz@gmail.com), PHONE* (+ 616 241 4567), USER ROLE* (Operator), CHANGE LANGUAGE* (English), and COMPANY* (XYZ Company). At the bottom are 'Save' and 'Cancel' buttons.

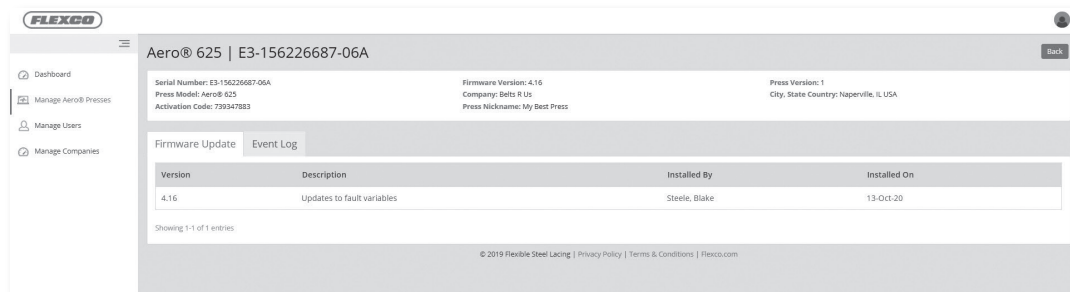
Managing Presses on Dashboard



- To learn more about a specific press click on a press serial number.



- Select Firmware Update tab to view firmware version. The version that is currently on the press is listed first along with a short description of the firmware update, who installed the latest firmware, and the date installed. Firmware updates occur due to continuous improvement of the press operation based on information gathered from customers, repairs, etc.



Note: Always keep your Firmware Update to the current version.

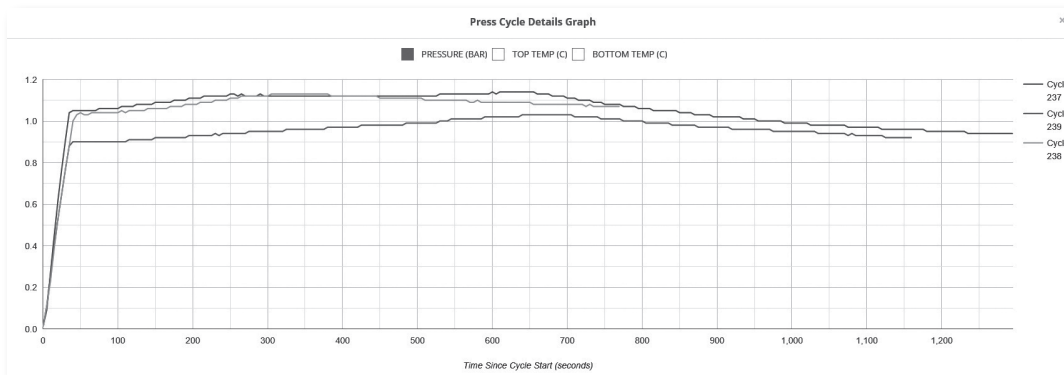
- Select the Event Log tab to view splice cycle data. This view lists all splice cycle data that have been loaded from the press via the mobile app (see instructions how to upload from press starting on page 18. Splice cycle data includes the cycle, date, parameters entered for the splice recipe and actual splice cycle data including power, temperature, pressure, and times. Review of this data can assist with ease of splicing support and troubleshooting potential issues with the splice or press.

Select	Cycle	Date	Preheat (°C)	Preheat Temp (°C)	Preheat Dwell (°C)	Top Temp (°C)	Bottom Temp (°C)	Pressure (bar)	Dwell (sec)	Cool Down (°C)	Power	Top Temp Start (°C)	Bottom Temp Start (°C)	Time To Pressure (bar) (sec)	Time To Preheat Temp (sec)	Time To Splice Temp (sec)	Time To Cooling 1 (sec)
<input type="checkbox"/>	92	14-Oct-20 10:19:00 am	OFF	100	120	100	100	0.1	15	99	1PH 110V 20A USA	29	30	2	0	0	0
<input type="checkbox"/>	91	14-Oct-20 10:18:48 am	OFF	100	120	100	100	0.1	15	99	1PH 110V 20A USA	29	30	2	0	0	0
<input type="checkbox"/>	90	14-Oct-20 10:10:02 am	OFF	100	120	100	100	0.1	15	99	1PH 110V 20A USA	29	30	2	0	0	0
<input type="checkbox"/>	89	14-Oct-20 10:00:38 am	OFF	100	120	100	100	0.1	15	99	1PH 110V 20A USA	29	29	2	0	0	0
<input type="checkbox"/>	88	14-Oct-20 9:58:20 am	OFF	100	120	100	100	0.1	15	99	1PH 110V 20A USA	29	29	2	0	0	0
<input type="checkbox"/>	87	14-Oct-20 9:52:34 am	OFF	100	120	100	100	0.1	15	99	1PH 110V 20A USA	28	29	2	0	0	0

- Splice cycles may be viewed in a graph format. Select one or multiple cycles by selecting the check box next to the cycle number that are to be viewed.

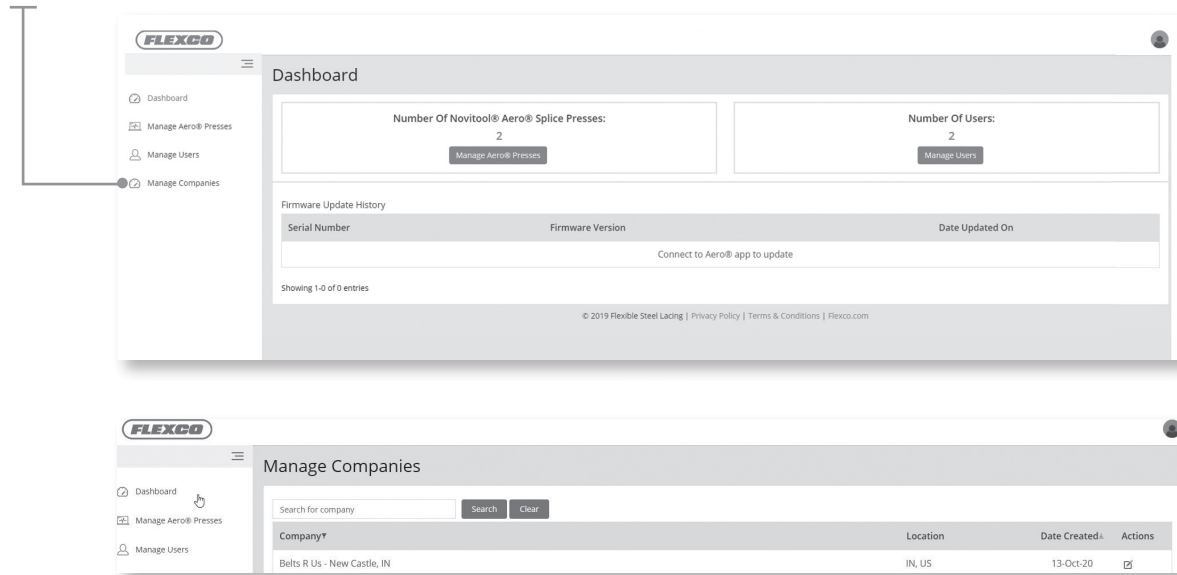
Note: Up to 25 splice cycles may be selected for graphing.

- The graph shows pressure and top and bottom temperature of the selected cycles. By hovering cursor on the graph line, X/Y coordinates can be viewed for that cycle.



Managing Companies on Dashboard

- Select **Manage Companies** from side menu to edit company information.



Contact Flexco's Customer Service if technical assistance is needed: www.flexco.com

Aero® Dashboard Troubleshooting Guide

Problem	Possible Cause	Possible Solution
Cannot access Dashboard URL	Incorrect URL entered	Go to https://novitool.flexco.cloud
Cannot log in to Dashboard	No internet connection	Verify Wi-Fi/Cellular connection
	Declined Privacy Policy/EULA	Accept Privacy Policy/EULA
	Forgot username or password	User forgot password function with registered e-mail (username is your e-mail)
	Don't have username and password	Contact Flexco Customer Service to get added to dashboard
		Click "Create Account" button to fill in contact information
		Check spam folder to ensure you were not already invited to the dashboard
Aero® Press does not show in Dashboard	Aero® Press never created in dashboard	Go to Manage Presses, then Create Press to add Aero® Press to dashboard
	No internet connection	Verify Wi-Fi/Cellular connection
Cannot view Event Log in Dashboard	No internet connection	Verify Wi-Fi/Cellular connection
	Cycle logs were never pulled from Aero® Press	Connect to Aero® Press with mobile app and sync data cycle logs
	Cycle logs were pulled to mobile device, but never pushed to Cloud	In mobile device go to Offline Sync Logs and push data cycle logs to Cloud
Cannot view Firmware History	No internet connection	Verify Wi-Fi/Cellular connection
	Firmware was never updated on Aero® Press	Connect to Aero® Press with mobile app and update firmware
Cannot add new Users	No internet connection	Verify Wi-Fi/Cellular connection
	Your user role is Operator	Contact Company Admin to add new users
Cannot add new Press	The press was not initially registered with Flexco or the serial # and/or activation code was incorrectly entered	Make sure to register any new press with Serial # added correctly
		Contact Flexco Customer Service to get press added to Dashboard

Aero® Mobile App Troubleshooting Guide

Problem	Possible Cause	Possible Solution
Mobile App will not download	No internet connection	Verify Wi-Fi/Cellular connection
	Insufficient storage on smart device	Delete items on mobile device to create sufficient storage space
	Incompatible operating system	Verify that you have operating system Android 7.0 or newer, iOS 12.0 or newer
Cannot log in to Mobile App	Forgot username or password	User forgot password function with registered e-mail (username is your e-mail)
	No internet connection	Verify Wi-Fi/Cellular connection
	Don't have username and password	Contact Flexco Customer Service to get added to Novitool® Aero® Splice Press with IntelliSplice™ Technology Dashboard
		Click "Create Account" button to fill in contact information
Cannot connect to Aero® Press	Aero® Press is powered off	Power Aero® Press on
	Aero® Press is not within BLE range	Get within BLE range of Aero® Press (~50 ft/15 m)
	BLE turned off in mobile device	Turn BLE on in mobile device
	Aero® Press is not registered	Register Aero® Press using www.flexco.com/code
	Aero® Press not added into dashboard	Log in to dashboard and go to Manage Presses, then Create Press
	Aero® Press is currently running a splice cycle	Allow Aero® Press to finish running splice cycle
	Another user is currently connected to Aero® Press	Verify that no other users are connected to Aero® Press, power cycle Aero® Press
	Incompatible firmware on Aero® Press	Ensure that firmware version on Aero® Press is 5.0 or higher
		If firmware version is less than 5.0, contact Flexco Customer Service
Cannot upload data cycle logs	BLE not connected in the Mobile App	Within smart device go to Novitool app settings ensure BLE and permissions are allowed and then reopen Mobile App
	No/Slow internet connection	Verify Wi-Fi/Cellular connection
	BLE turned off in mobile device	Turn BLE on in mobile device
	Outside of BLE range	Get within BLE range of Aero® Press (~50 ft/15 m)
My other press(es) is(are) not showing on the list	Press(es) was not added to dashboard	Force-quit the app and restart (you may need to also restart the press)
My other press(es) is(are) not showing on the list	Press(es) was not added to dashboard	Go to Manage Presses, then Create Press to add Aero® Press to dashboard