



# User Manual

[www.PEWeldBank.com](http://www.PEWeldBank.com)

Info @[@PEWeldBank.com](https://twitter.com/PEWeldBank)

V4 09/05/2020



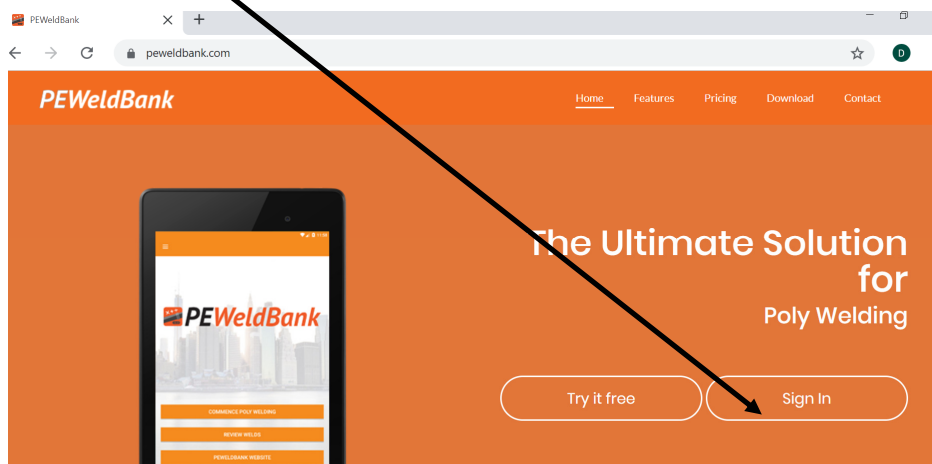
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5	Log onto Fusion Management System (FMS)
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## Subscription to PEWeldBank Fusion Management System (FMS) onto your PC or Laptop

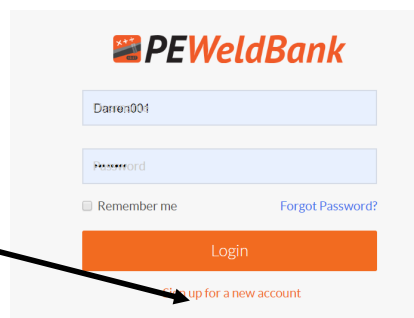
Initial set up of PEWeldBank FMS

Go to PEWeldBank.com on your PC or Laptop

Click on Sign in



Click Sign up for new account



You must subscribe to PEWeldBank Fusion Logger to enable sensors



	PEWeldBank Basic 1 User		PEWeldBank Fusion Reporter 1 User		PEWeldBank Fusion Logger Multiple Users	
Multiple Users	X		X		✓	
Operator Details	✓		✓		✓	
Take "5" Safety Check list	✓		✓		✓	
Pipe & Fitting Database	✓		✓		✓	
Weld Pressure Calculator	✓		✓		✓	
Weld Time Calculator	✓		✓		✓	
Built In Timers	✓		✓		✓	
Step By Step Tutor (bluetooth earpiece compatible)	✓		✓		✓	
PDF and CSV Weld Records	X		PDF only		PDF & CSV	
Data Logging*	X		X		✓	
QA Photos	✓		✓		✓	
GPS mapping, 2 locations per weld "as welded" and "relocated"	X		X		✓	
Graph Representation	X		X		✓	
Machine Calibration Date	✓		✓		✓	
Cloud based Fusion Management System (FMS)	✓		✓		✓	
Exceeds international standards for Fusion Joint Data Recording	X		X		✓	
# Users	Per month	Annually	Per month	Annually	Per month	Annually
1	\$ 2.00	\$ 24.00	\$ 20.00	\$ 240.00	\$ 40.00	\$ 480.00
2					\$ 70.00	\$ 840.00
5					\$ 92.00	\$ 1,104.00
10					\$ 107.00	\$ 1,284.00
20					\$ 135.00	\$ 1,620.00
50					\$ 178.00	\$ 2,136.00
100					\$ 214.00	\$ 2,568.00

PEWeldBank Subscription Prices AUD

## Login and set up of PEWeldBank Fusion Management System (FMS) onto your PC or Laptop

Initial set up of PEWeldBank FMS

Go to PEWeldBank.com on your PC or Laptop

Click on Sign in



Login:

User ID

Password

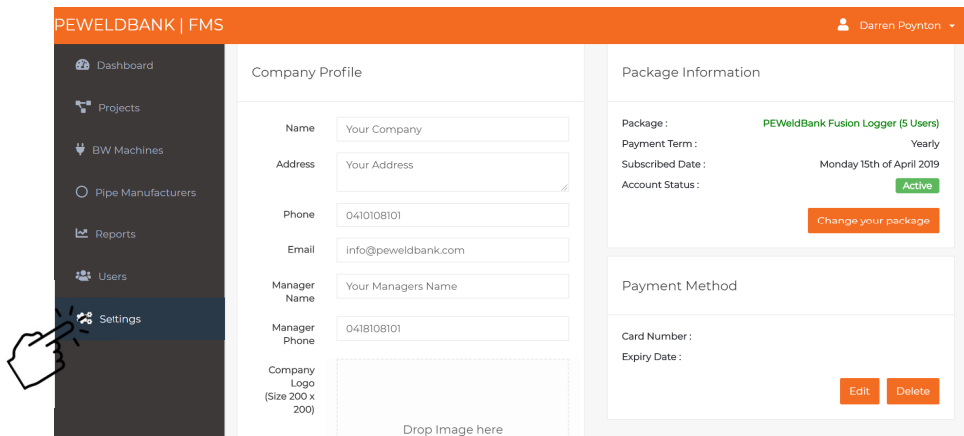
Login

A screenshot of the PEWeldBank login form. It features the PEWeldBank logo at the top. Below the logo are two input fields: the first is labeled "User ID" and contains the text "User001"; the second is labeled "Password" and contains the text "Password". Below these fields are two links: "Remember me" (with a checkbox) and "Forgot Password?". At the bottom of the form is an orange "Login" button. A black arrow points from the "User ID" text in the instructions to the first input field. Another black arrow points from the "Password" text to the second input field. A third black arrow points from the "Login" text to the "Login" button. At the very bottom of the form, there is a link that says "Sign up for a new account".

# Set up Company Details

Step 1, Click on Settings

Set Up Company Details, you can also insert a company logo here that will be displayed on your reports



PEWELDBANK | FMS

Company Profile

Name: Your Company

Address: Your Address

Phone: 0410108101

Email: info@peweldbank.com

Manager Name: Your Managers Name

Manager Phone: 0418108101

Company Logo (Size 200 x 200): Drop Image here

Package Information

Package: PEWeldBank Fusion Logger (5 Users)

Payment Term: Yearly

Subscribed Date: Monday 15th of April 2019

Account Status: Active

Change your package

Payment Method

Card Number:

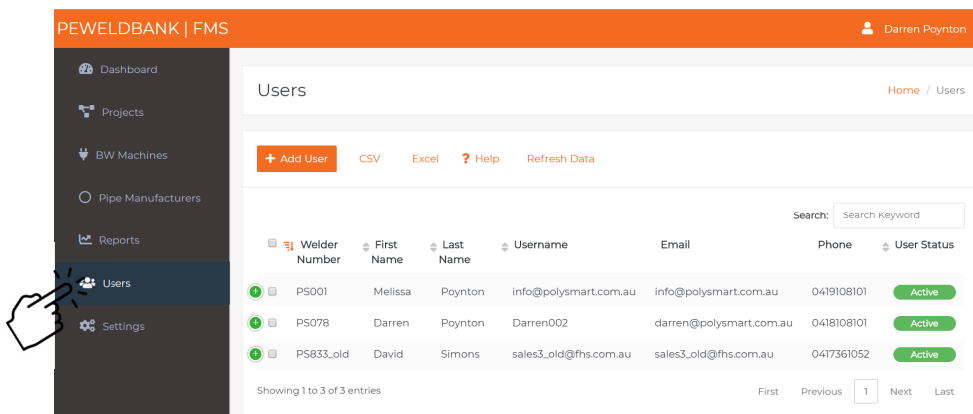
Expiry Date:

Edit Delete

## Set up Users (welder / admin)

Step 2, Click on Users

Set Up User Details, You can setup as a welder or with Admin rights



PEWELDBANK | FMS

Users

+ Add User CSV Excel ? Help Refresh Data

Search: Search Keyword

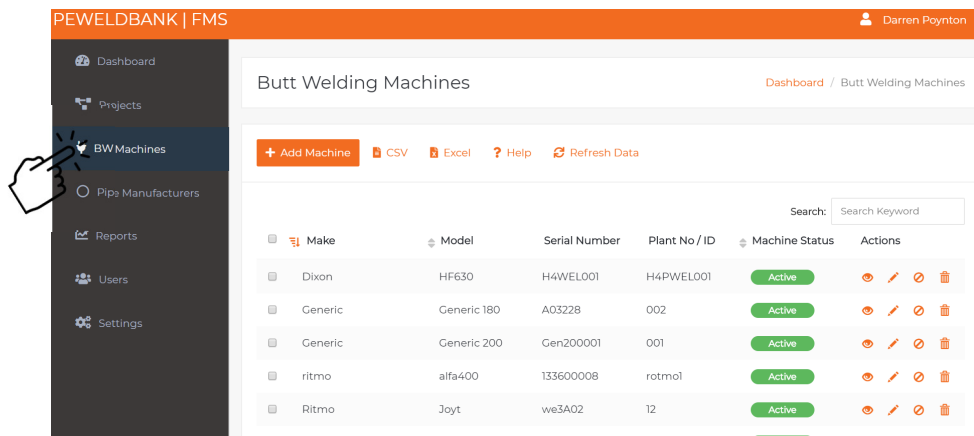
	Welder Number	First Name	Last Name	Username	Email	Phone	User Status
1	PS001	Melissa	Poynton	info@polysmart.com.au	info@polysmart.com.au	0419108101	Active
2	PS078	Darren	Poynton	Darren002	darren@polysmart.com.au	0418108101	Active
3	PS833_old	David	Simons	sales3_old@fhs.com.au	sales3_old@fhs.com.au	0417361052	Active

Showing 1 to 3 of 3 entries

First Previous 1 Next Last

# Set up Butt Welding Machines

Step 3, Click on BW Machines  
Set Up your Butt Welding Machines

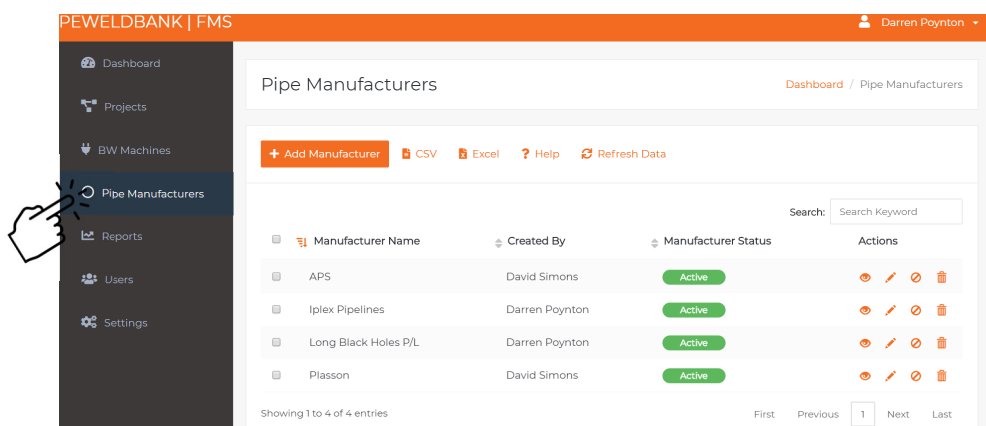


The screenshot shows the 'Butt Welding Machines' page in the PEWELDBANK | FMS system. The sidebar on the left has a hand icon pointing to the 'BW Machines' menu item. The main content area displays a table of machines with columns for Make, Model, Serial Number, Plant No / ID, Machine Status, and Actions. The table lists five machines: Dixon HF630, Generic 180, Generic 200, ritmo alfa400, and Ritmo Joyt. All machines are marked as 'Active'.

Make	Model	Serial Number	Plant No / ID	Machine Status	Actions
Dixon	HF630	H4WEL001	H4PWEL001	Active	
Generic	Generic 180	A03228	002	Active	
Generic	Generic 200	Gen200001	001	Active	
ritmo	alfa400	133600008	rotmo1	Active	
Ritmo	Joyt	we3A02	12	Active	

# Set up Pipe & Fittings Manufacturers

Step 4, Click on Pipe Manufactures  
Set Up your Pipe and Fittings Library



The screenshot shows the 'Pipe Manufacturers' page in the PEWELDBANK | FMS system. The sidebar on the left has a hand icon pointing to the 'Pipe Manufacturers' menu item. The main content area displays a table of manufacturers with columns for Manufacturer Name, Created By, Manufacturer Status, and Actions. The table lists four manufacturers: APS, Iplex Pipelines, Long Black Holes P/L, and Plasson. All manufacturers are marked as 'Active'.

Manufacturer Name	Created By	Manufacturer Status	Actions
APS	David Simons	Active	
Iplex Pipelines	Darren Poynton	Active	
Long Black Holes P/L	Darren Poynton	Active	
Plasson	David Simons	Active	

Showing 1 to 4 of 4 entries

First Previous 1 Next Last

# Set up Projects / Jobs

Step 4, Click on Projects  
Set Up Project Details

PEWELDBANK | FMS

Darren Poynton

Dashboard

Projects

BW Machines

Pipe Manufacturers

Reports

Users

Settings

Projects

Dashboard / Projects

+ Add Project

CSV

Excel

Help

Refresh Data

Search: Search Keyword

Project Name	Project Location	Head Contractor	Project Owner	Project Status	Actions
T1824	Australia	Run Energy	Run Energy	Active	<div><div></div><div></div><div></div><div></div></div>
Fhs Testing	Fhs	Ttt	David	Active	<div><div></div><div></div><div></div><div></div></div>
Sth East Region Pipe	Nepean Hwy Carrum	PL welding services Pty Ltd	Carrum Shire Council	Active	<div><div></div><div></div><div></div><div></div></div>

Showing 1 to 3 of 3 entries

First

Previous

1

Next

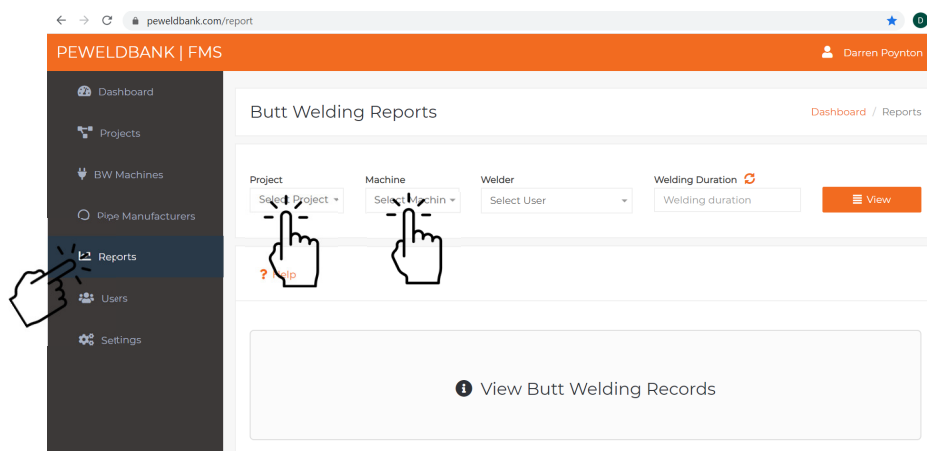
Last

8



# Reports

There are multiple reports available and sort functions





# Tablet / Phone User Guide

[www.PEWeldBank.com](http://www.PEWeldBank.com)

Info @[PEWeldBank.com](https://twitter.com/PEWeldBank)

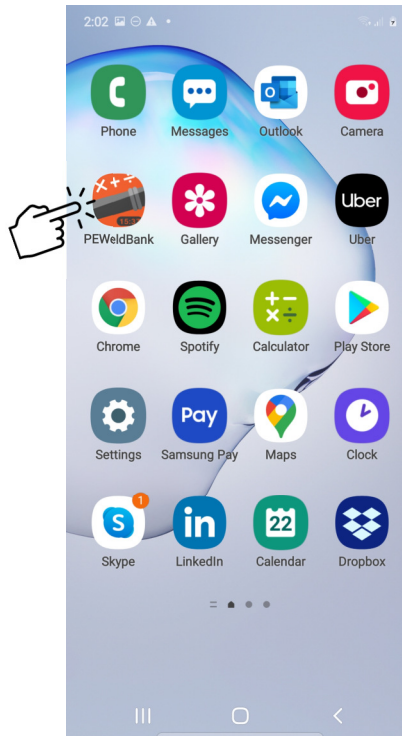


Install *PEWeldBank* onto your users  
Tablet/s or Phone/s

Using your Tablet or Phone Visit Google Play to  
download *PEWeldBank* onto your Android Tablet  
or Phone

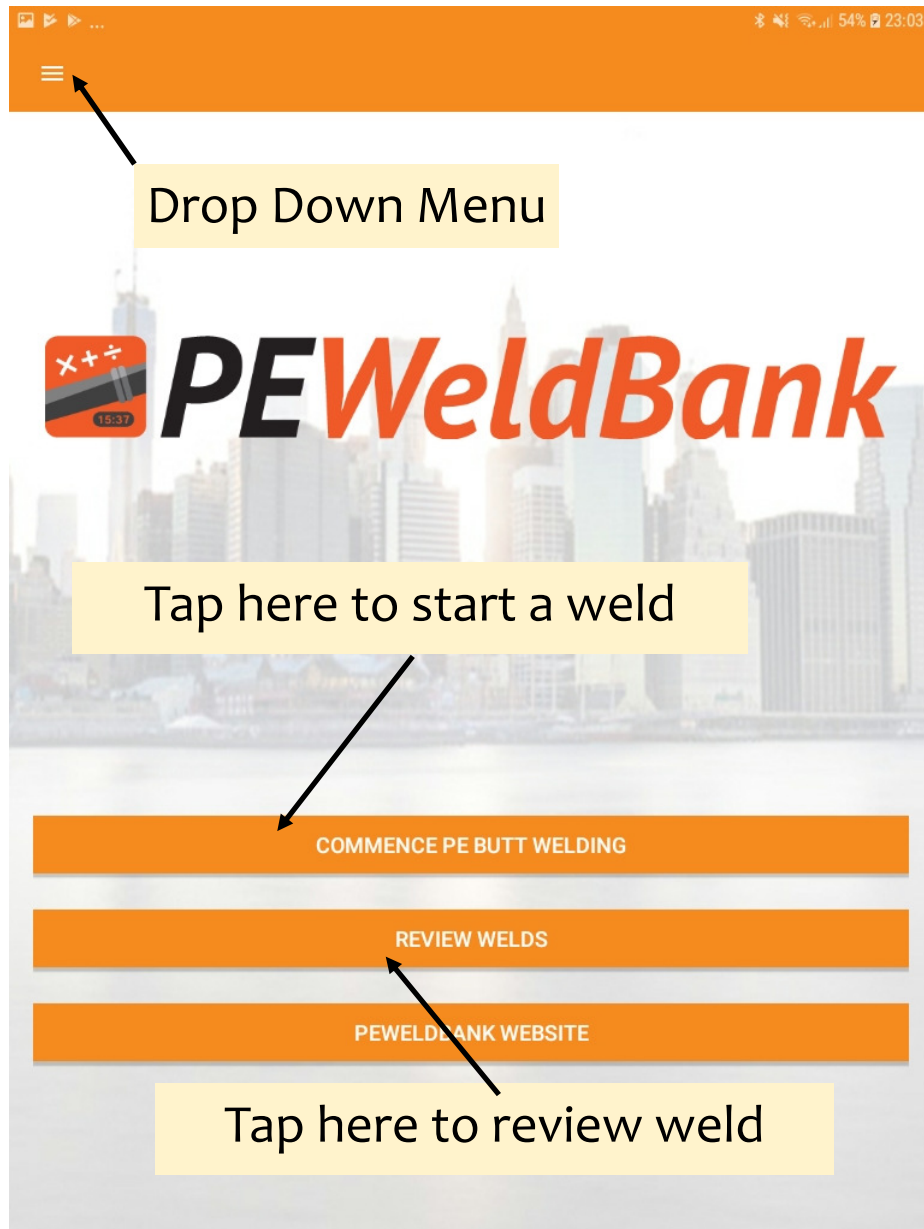
There is no charge to download this app

Once downloaded to Google Play  
click on the *PEWeldBank* icon on  
your Android Tablet or Phone

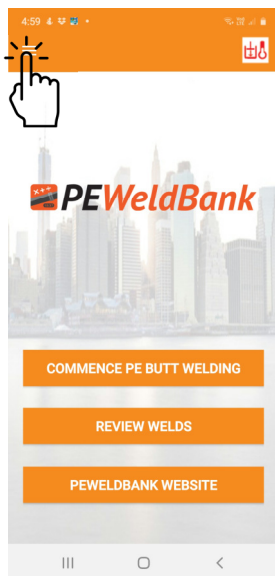


Use your Username and Pass-  
word to log in, this will take  
you to the home page.

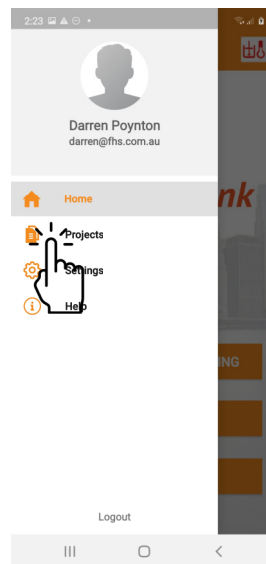
# Home Screen



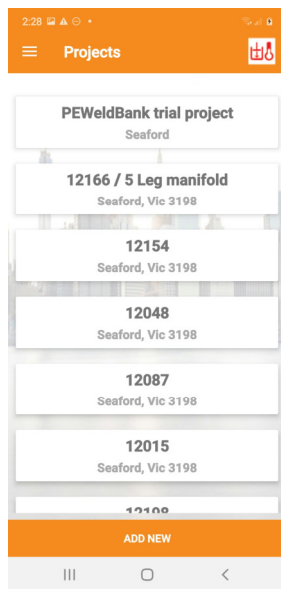
Click on dropdown menu



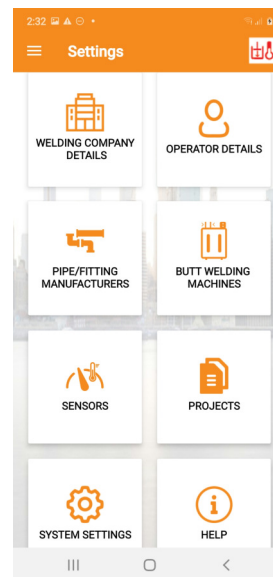
Click on menu item



Edit or Add New Projects here

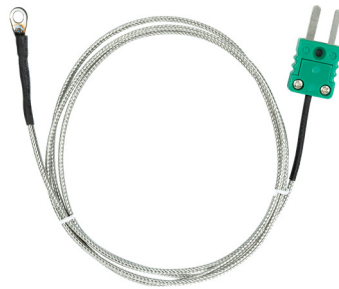
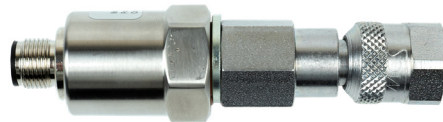


Select icon to edit settings here





*Fitting Hydraulic Transmitter / Transducer  
and Fixed Temperature Probe to Machine*



## Hydraulic connection



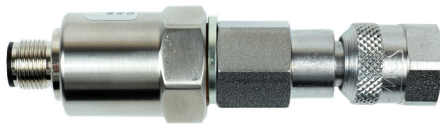
Find which hose connects to the closing side of the ram.

Remove this hose and install a tee with a test point (Stauff 20) and refit hydraulic hose to the tee.

Then fit the PEWeldBank transmitter to the test point. And then fit Orange cable supplied to the Blue-tooth pressure sensor



Closing side of ram



PEWeldBank Transmitter.

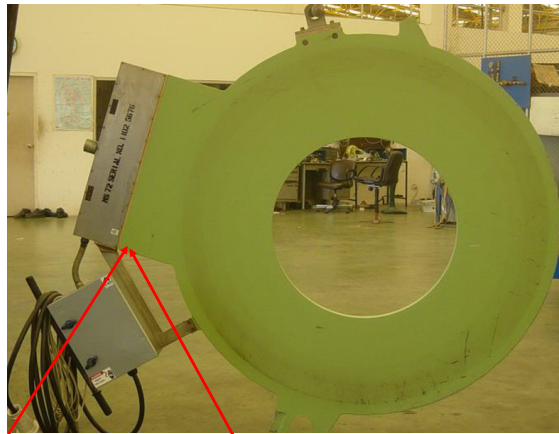


Stauff 20 test point

(this will be available from your local hydraulics supplier)



## Fixed Probe Temperature connection



PEWeldBank Fixed Probe

You will need to drill a small hole  
2mm diameter and 2mm deep  
into the heater plate but away  
from elements

Then fit the PEWeldBank Fixed  
probe using the 2.5mm screw  
provided

Plug it Probe into "Fixed" port on  
the Bluetooth Sensor and attach  
to heater handle



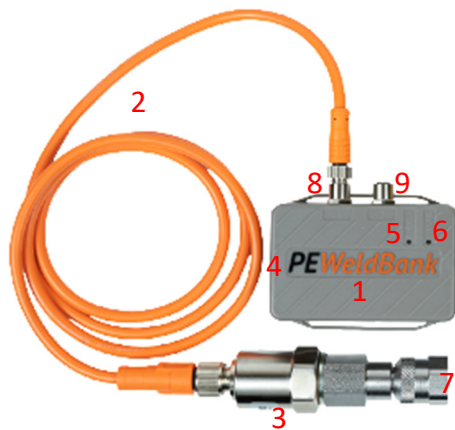
*Bluetooth set up and pairing sensor to  
tablet or phone.*



**\*\*Before starting ensure both Sensors are fully charged\*\***

Plug charge cable into socket and charge until the red light turns to green (5 hours)

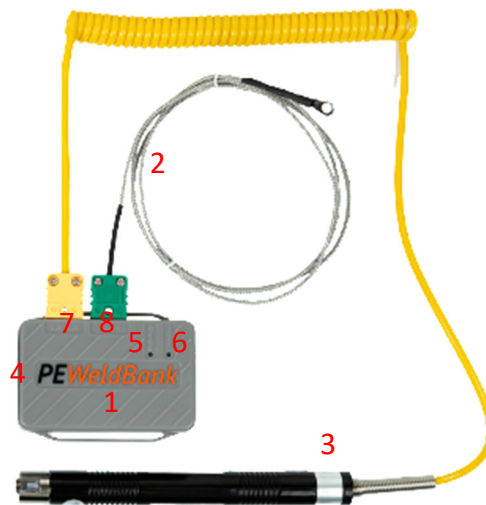
## Pressure Sensor



- 1 Bluetooth Pressure Sensor
- 2 Hydraulic Transmitter
- 3 Orange Hydraulic Sensor Connection Cable
- 4 Charging Port
- 5 Charging Indicator Light
- 6 Bluetooth Connection Status Light
- 7 Hydraulic connection
- 8 Hydraulic Sensor Port 1
- 9 Hydraulic Sensor Port 2

## Temperature Sensor

- 1 Bluetooth Temperature Sensor
- 2 Fixed Temperature Probe
- 3 Surface Temperature Probe
- 4 Charging Port
- 5 Charging Indicator Light
- 6 Bluetooth Connection Status Light
- 7 Surface Probe Port
- 8 Fixed Probe Port



On the Rear of both Sensors there is a QR Code which you scan to enable sensor when prompted by phone or tablet

## Bluetooth set up and pairing sensor to tablet.

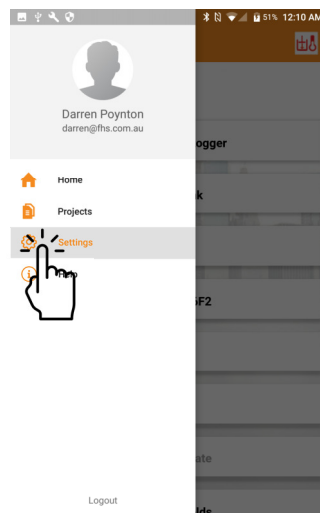
Ensure that Bluetooth is enabled on your phone / tablet

Follow the prompts

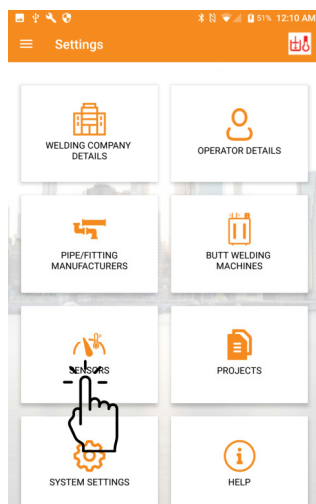
### 1. Click Dropdown Menu



### 2. Click Settings



### 3. Click Sensors



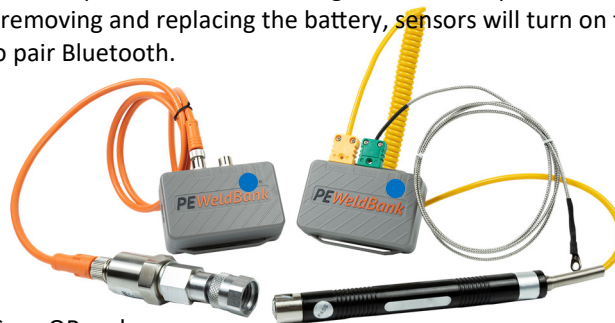
### 4. Click Add New



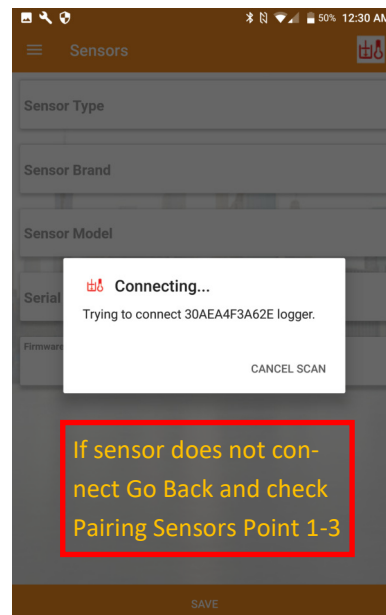
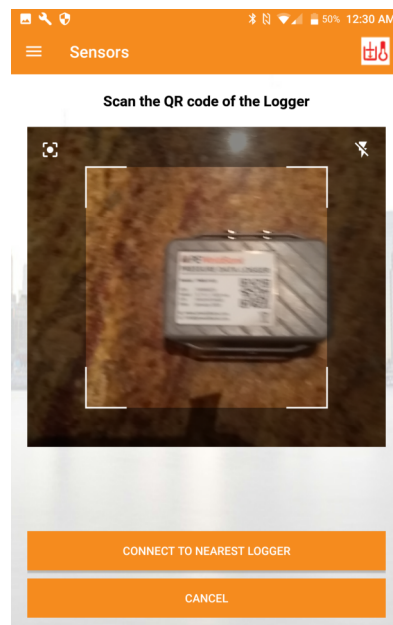
## Pairing Sensors

1. The blue status light **MUST** be fast flashing
2. Pressure sensor must be connected to system pressure at least 2 bar.
3. Temperature Fixed Probe must be connected and Temperature be at least 40C

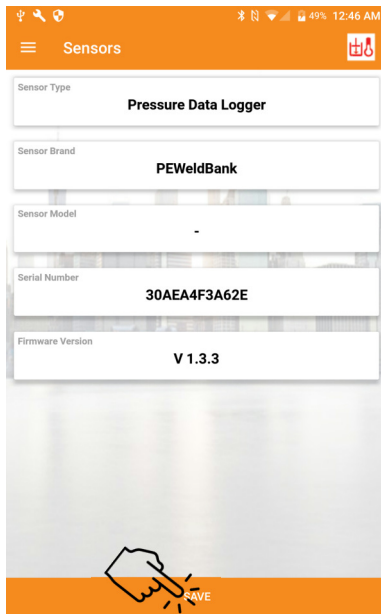
You can also set up sensors without being connected to pressure or heater by momentarily removing and replacing the battery, sensors will turn on for about 10 seconds to pair Bluetooth.



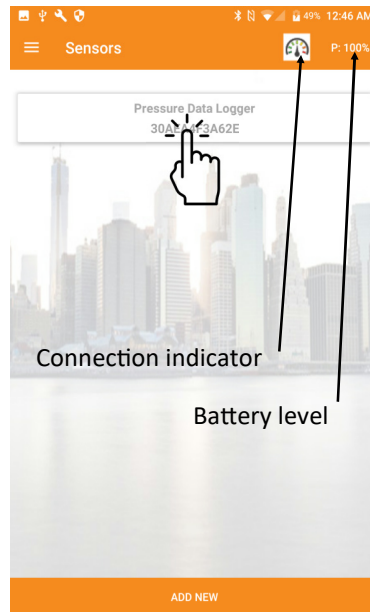
Scan QR code



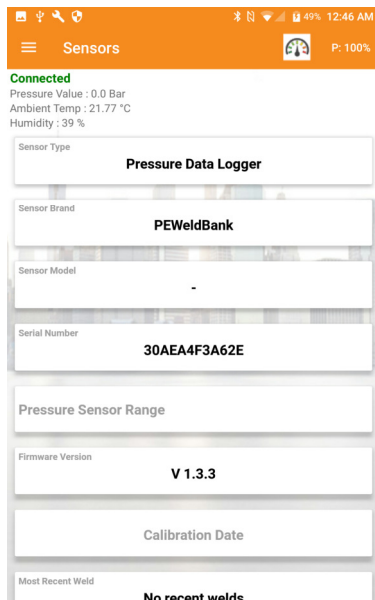
### 5. Click Save



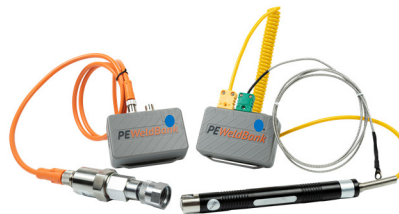
### Check connected sensor



### Connected



When connected blue Light on  
sensor will flash slowly

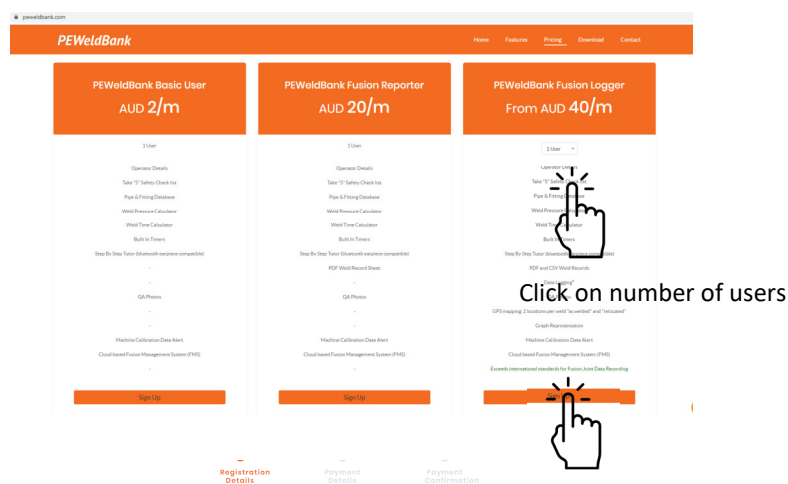
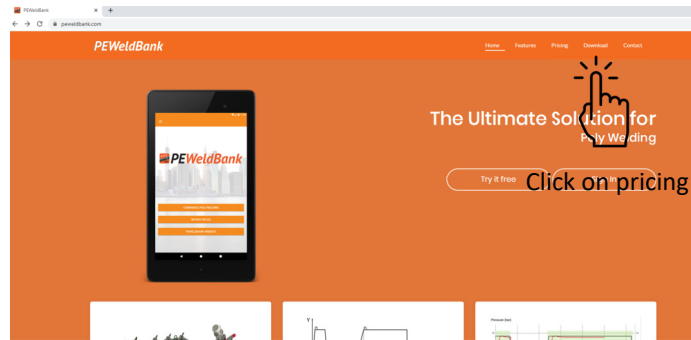


Click Drop down menu to return to  
home screen follow instructions again  
for second sensor

N.B. To remove sensor from Phone or Tab-  
let select sensor you want to remove and  
click and hold for 2 seconds then delete

# Subscription Process

Go to PEWeldBank.com



Complete registration

Register

Click on sign up

Get registered using your preferred package

Package PEWeldBank FusionLogger	Welder Number Welder Number
Number of Users 1 User	Phone Phone <small>Please enter phone</small>
Account Type Company	Username Username <small>Please enter username</small>
Company Name Company Name <small>Company name is required and cannot be empty</small>	Password Password
First Name Tester	Confirm Password Confirm Password
Last Name Text	
Email Email <small>Please enter a valid email address</small>	



## Payment

Feel free to choose your payment plan as preferred

Click on Yearly or Monthly

**PEWeldBank Fusion Logger (1 User) Package**

Payment Term

Yearly

Monthly

	Equipment	Price(AUD)	Quantity	Subtotal(AUD)
<input checked="" type="checkbox"/>	Bluetooth Butt welding Sensor	1500.00	1	0.00

Package Fee :

AUD 480.00

Payment Term :

Yearly

Total :

AUD 480.00

Back

Proceed



Click Proceed

## Enter Payment Details

Payment Method

Amount AUD 40.00

Card Number



Expiry Date

/

Back

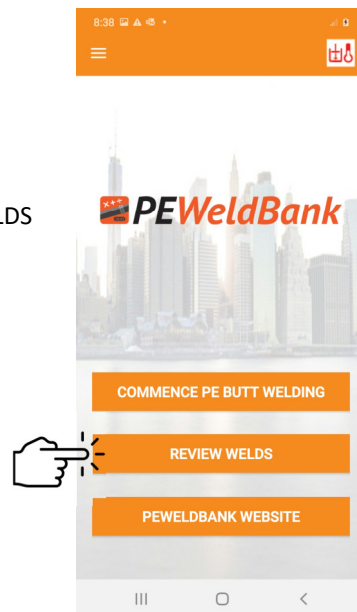
Proceed

Click Proceed



## Review welds on Tablet or Phone

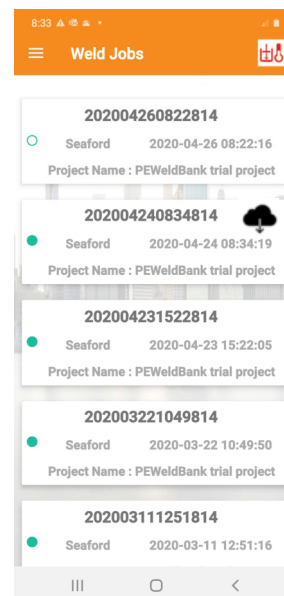
Go to home screen and click on REVIEW WELDS



Empty green circle indicates that weld is recorded on Tablet / Phone only and is waiting to be uploaded to FMS

Full green circle indicates that weld is recorded on Tablet / Phone and FMS

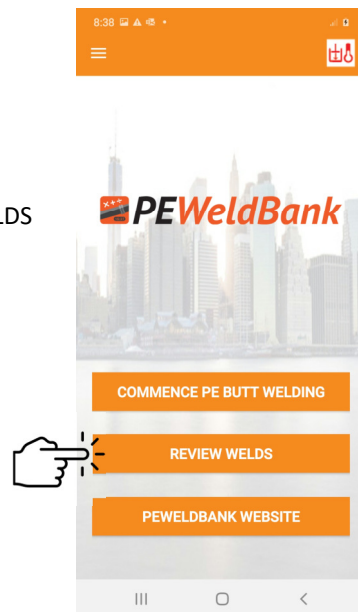
If you see a cloud icon this means this weld is only on FMS but can be loaded to Tablet / Phone by clicking on icon



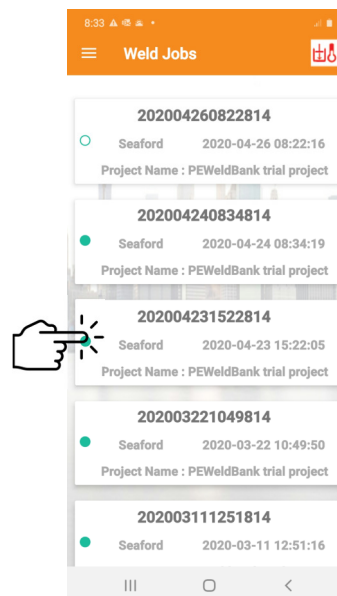
## Review welds on Tablet / Phone

### Inserting 2nd GPS location

Go to home screen and click on REVIEW WELDS



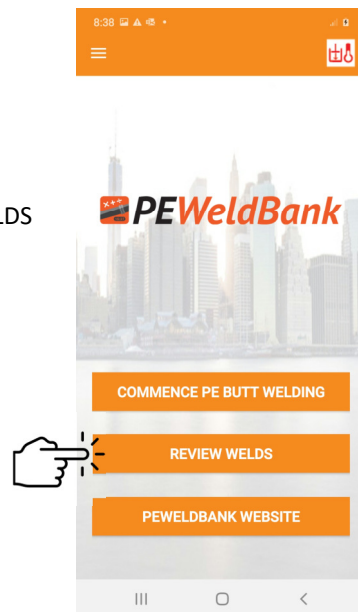
Click on the weld you want to review



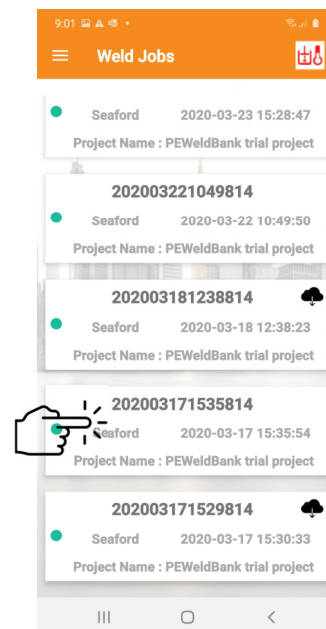
## Review welds on Tablet / Phone

### Inserting 2nd GPS location

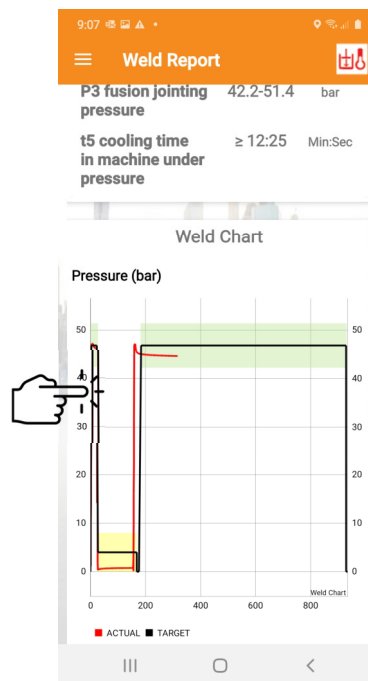
Go to home screen and click on REVIEW WELDS



Click on the weld you want to review



See all information from this weld  
Zoom into graph to see finer detail



Click here to update weld location, this does not change original information it simply adds a second GPS location for this weld which will be available on reports.

