User Manual

Straightpoint HHP3 App

Straightpoint HHP3 App
Issue: 1 - 07/2026

Manufacturer: Crosby Straightpoint
123 Proxima Park, Houghton Avenue, Waterlooville, Hants, PO7 3DU UK

Copyright © CMCO

PLEASE NOTE THAT STRAIGHTPOINT ACCEPT NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS.

Contents

Getting Started	04
Monitoring Interface	05-07
User settings	08
Company settings	08
Alarm settings	09
Resolutions settings	09
Lift threshold settings	10
Weight unit settings	10
Announcement settings	11
Overload	11
Firmware information	12
Creating Reports	12-15
Viewing reports	15-17
Disconnect/Reconnect	18

IMPORTANT
To monitor loads using the HHP3 app, please scan the relevant QR Code, depending on the make of your mobile device

ANDROID HHP3 APP

ANDROID APP ON Google play

IOS HHP3 APP

Download on the App Store

Getting started

To monitor load using the HHP3 app, please scan the relevant QR code, depending on the make of your device:

Android HHP3 App

iOS HHP3 App

After launching and accepting the license agreement, you can connect to a Crosby Straightpoint Bluetooth device within 100m/328ft.

Press the scan button to start scanning for any devices. You will be prompted for Bluetooth and location permissions. Please accept both.

Alternatively, if you know the serial number of the device, you can press the small keyboard button next the scan button to manually enter it.

Any devices found will appear as a list below the scan button. If you have previously connected to a device, it will also appear.

You can remove these by tapping the trash can.

The edit icon will allow you to add or edit a friendly name for the device.
Simulators are on another tab and can be used to try out the application if you do not have an SP Bluetooth device.

Select the devices you wish to use and tap the connect button at the bottom of the screen.

Monitoring interface

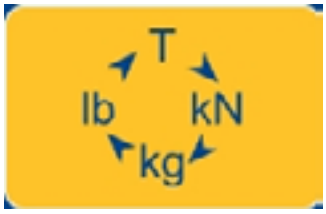
After choosing which devices to connect to, you will see one or more tiles that display the current load. If you are using simulators, there will be a collapsible overlay with sliders to control the load on each simulator. If you have enabled shifts, a “Start shift” or ”Finish shift” button will also be present.

- A dial or circle will provide a quick visual indication of the load on each device, up to the working load limit.
- The dial and shift options can be toggle on or off from the User settings menu.
- The total load is visible at the top of the interface.

Monitoring interface

At the bottom of the screen are buttons to control the monitoring:

Tare – Will set all the current readings to zero.
Tap it a second time to switch off.



Switch unit – This will cycle between the different weight units available.

It will be disabled while logging.
Make sure to be in the correct unit before you start any data capture.

Peak hold – This is a toggle and will keep the maximum load applied to each device on screen.

Start or stop logging – This will allow you to start or stop logging.

If you have enabled the use of shifts, then it will only be enabled once a shift has been started.

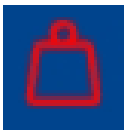
Photos – This button is only visible while logging.
Tapping the button will allow you to see any photos you have taken during the log.

Camera – Allows you to take photos for your log. It is only visible while logging data.

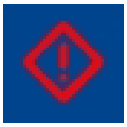
Each device can show different indicators as well.

Battery indicator.

Alarm indicator – A user defined alarm has been triggered.



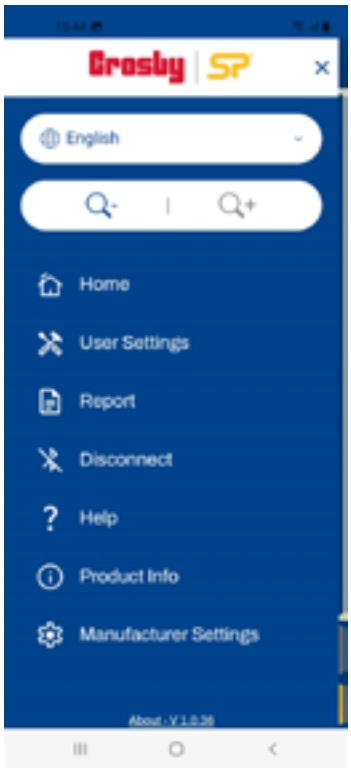
Overload indicator.
The device has exceeded the working load limit.



Calibration expired.

If recalibration is required, a warning will also be displayed on the load cell.

User settings

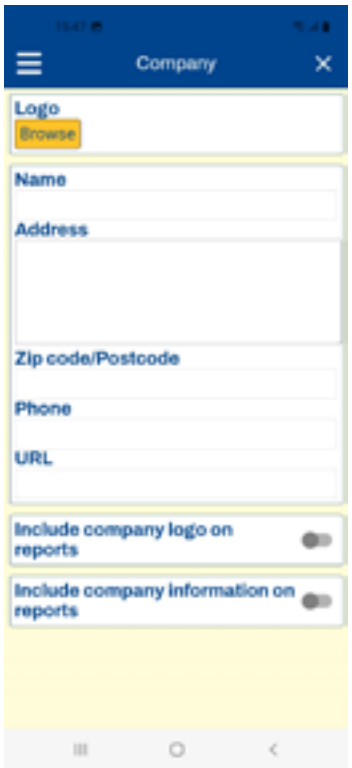


To access the user settings, open the menu through the icon on the top left. Select user settings.

You can choose to select change a category of setting in another screen or toggle the following settings:

- Show Negative Values will change whether negative values to be shown such as when you tare and remove the load from a device.
- Show Digital Dial will toggle the background indicator for the percentage of the working load limit.
- Hide calibration warning will hide the calibration warnings when they are due for calibration.
- Use shifts will allow for the use of shifts. This will group reports per shift and will allow for metrics on the entire shift. Once a shift has been started the weight unit cannot be changed.

Company settings



The company settings menu allows you to add information about your company on reports.

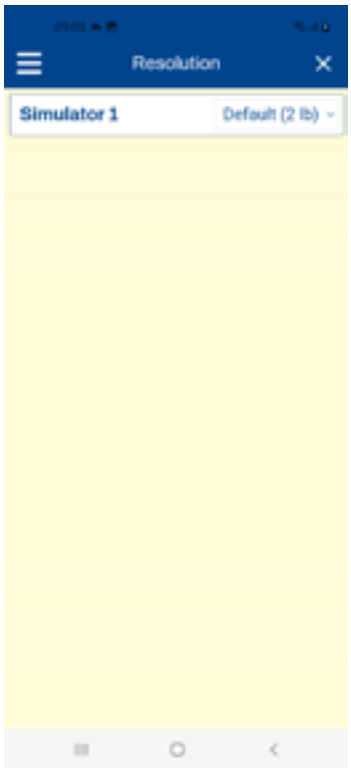
JPEG, PNG, and BMP formats are accepted for the company logo.

Alarm settings

The following alarm settings are available in general:

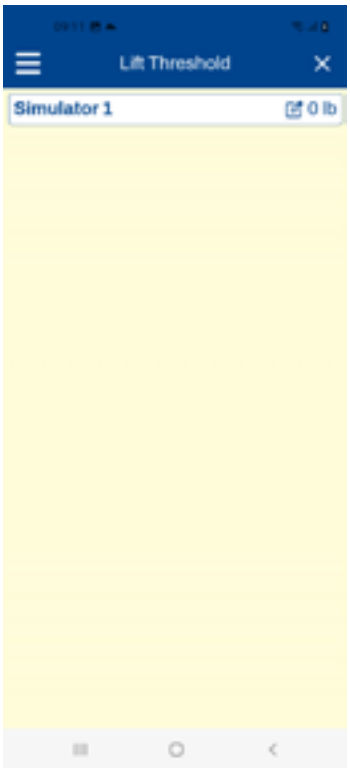
- Flash screen – While an alarm is active the screen will flash amber for low load and red for high load.
- Flash camera light – Flashes the camera light. This requires camera permissions and will not be available without them.
- Vibrate – Vibrates your phone while the alarm is active.
- Sound – Plays a sound while alarms are active.
- The following settings are available on a per device basis:
- Alarm high – Set a threshold and toggle the switch on to add an alarm when there is a high load. The alarm is triggered when the threshold is exceeded.
- Alarm low - Set a threshold and toggle the switch on to add an alarm when there is a low load. The alarm is triggered when the load falls below the threshold.
- Latch alarm – Keeps the alarm playing until you tap the panel with the device on the monitoring screen.

Resolution settings



The resolution settings will allow you to change the resolution used on the monitoring screen for any connected devices.

Lift threshold settings



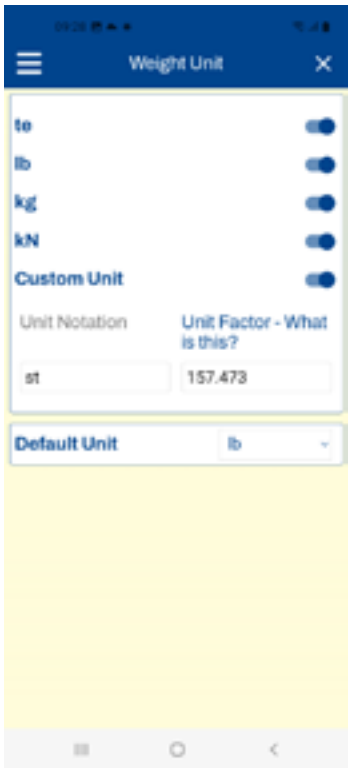
The lift threshold is used to track lifts on reports.

If the logging type is manual, then any entries above the threshold are treated as a lift.

For all other types, the reading must remain above the threshold for 3 seconds to be recorded as a lift.

If the threshold is 0, then then lifts will be ignored for the device.

Weight unit settings



The weight unit settings allow you to toggle off any weight units you do not require, define a custom unit, and set the default weight unit.

Toggling on the custom unit will prompt you for the unit notation and factor. In the screenshot on the left we are using stone with a notation of st and a factor of 157.473. The factor is the multiplication factor to convert 1 tonne to the desired unit.

You may find you are unable to toggle a unit off, if you have started a shift with that unit. Finish the shift first to disable the unit.

Announcement settings

Enabling announcements will allow your phone to read out the load on devices.

Press the play symbol ▶ to preview the voice you have selected for each language.

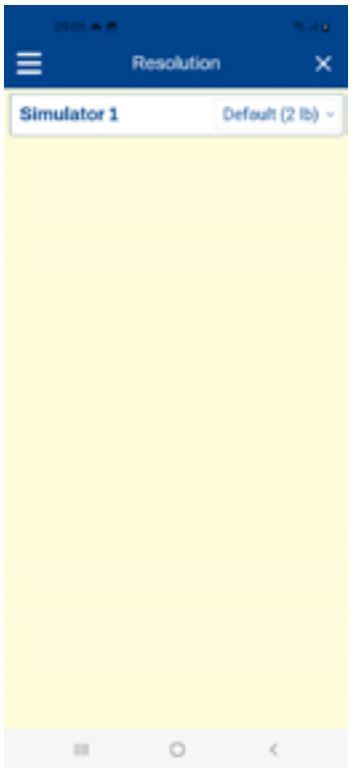
If a voice is not installed, please check the text-to-speech settings for your phone.

The names of voice will vary between Android and iOS.

The time between announcements is in seconds. You have the option to read out changes continuously and to read out changes only.

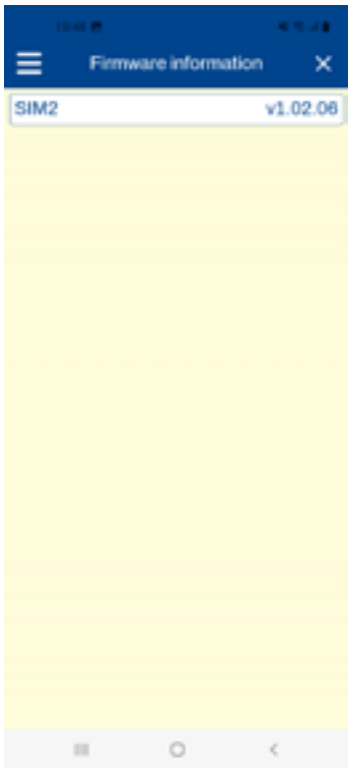
If you have a single device connected then only the load will be announced. If you have multiple devices connected then the friendly name or serial number will be announced before each load.

Overload



Overload will show you the highest recorded overload and the number of times any connected device has been overloaded.

Firmware information

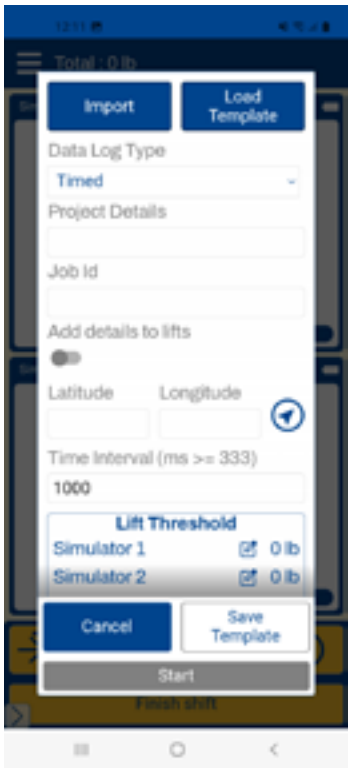


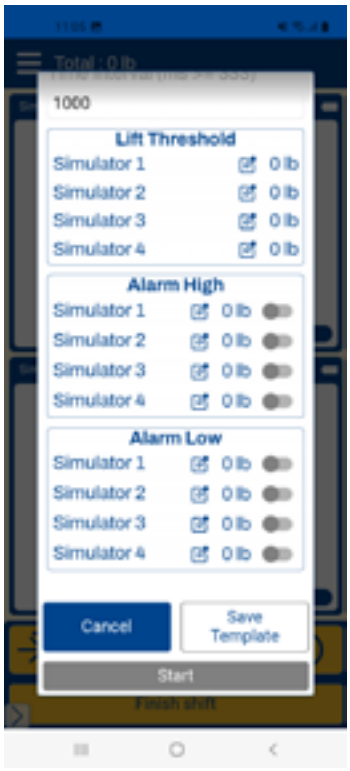
The firmware information screen will show you the firmware versions for any connected device.

Creating reports

To create reports tap the data log button from the monitoring screen

Creating reports





A pop up will appear to fill in the required logging details.
The first thing is to decide the type of log you wish to carry out:

- Manual – a button will be added on the monitoring screen to record values
- Timed – values are recorded at regular intervals
- Alarm high – values are recorded when devices trigger the high load alarm by being above the set threshold
- Alarm low - values are recorded when devices trigger the low load alarm by being below the set threshold

Once a log type has been completed, you can move on to adding Project Details and a Job ID. These are required to provide context and find your reports later.

The add details to lifts switch will allow you to provide a short piece of text to your log when you are carrying out lifts so that you can see what triggered the lift.

After that, fill in the latitude and longitude, or tap the navigation marker to get the GPS coordinates.

If a timed data log has been selected, a time interval will need to be specified in milliseconds.

Below that, you can edit any lift or alarm thresholds for your connected devices.

You can save the details as a template for use later with the Save Template button. You will be required to give the template a name.

Tapping the start button will start logging.

Creating reports

If you have created a log before, then tapping the Import button at the top of the screen will bring up a list of logs.

Tap on a log name to view the details used previously

If you wish to use the same details press Import or hit cancel to return to the previous screen.

If you have saved a template previously tapping the load template button will bring up a list of templates.

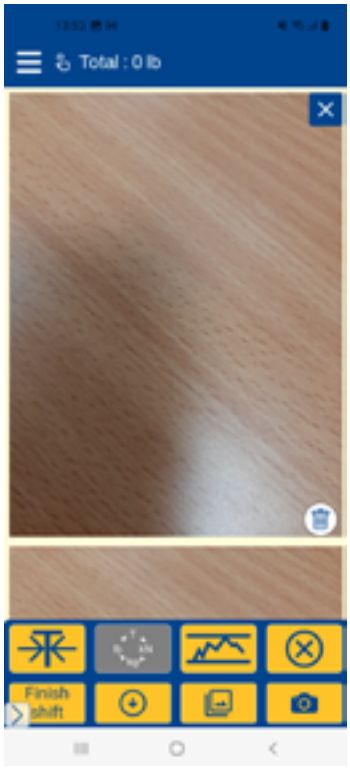
You can tap the name of a template to bring it up in an editor/viewer.

Tapping the remove icon will allow you to remove any unneeded templates.

You can adjust and save the template if needed.

Tapping import will copy the values to the logging screen.

Creating reports



After starting your log, the log button change to a cross to stop logging.

If the log type selected was manual logging, another log button will appear. Tapping it will record an entry in the log.

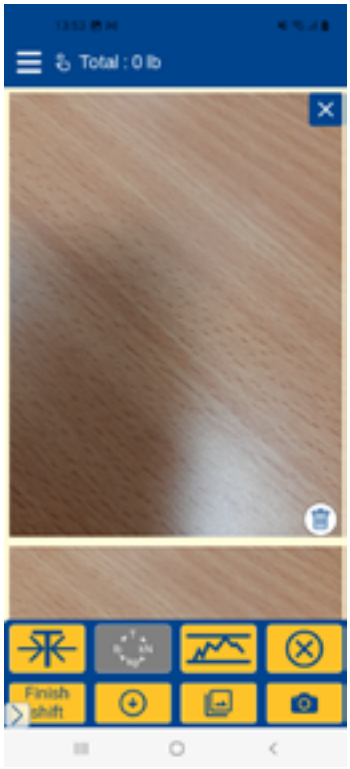
If you wish to take a photo for the report, tap the camera button.

Pictures you have taken can be viewed using the photo gallery button.

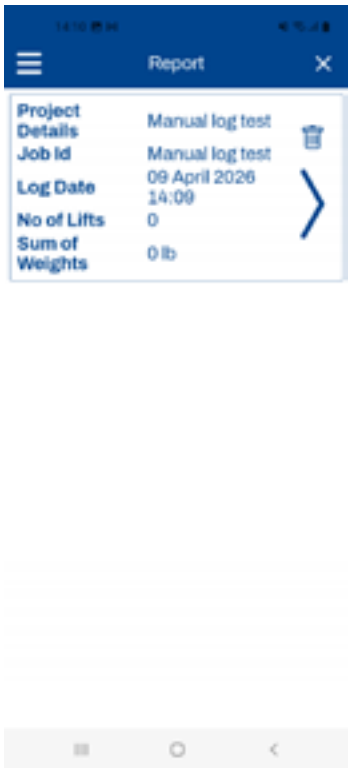
Tapping the remove button in the bottom right of each picture will delete it.

Tap the close button in the top right to close the photo gallery.

Viewing reports



Viewing reports

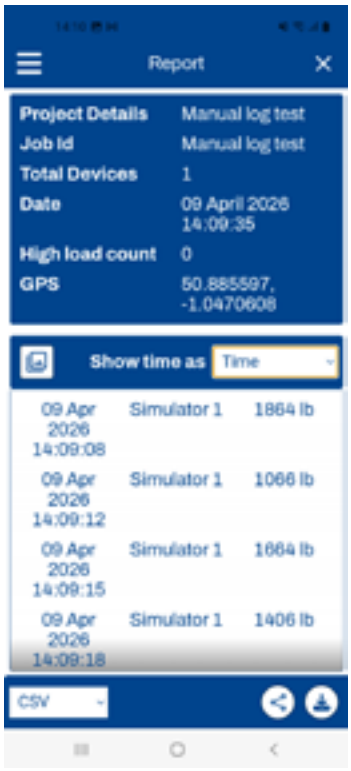


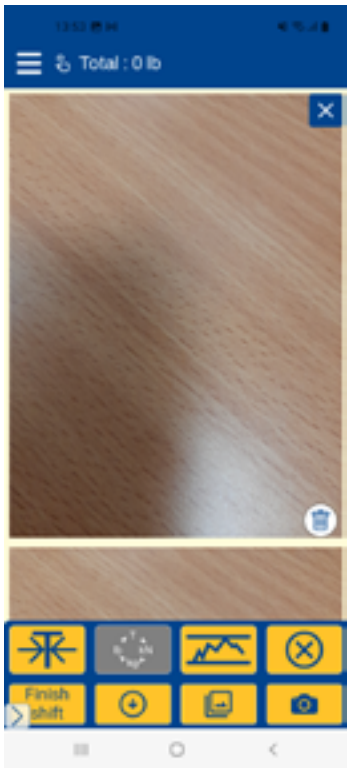
After completing a log, the summary for it will be displayed.

If the report was created as part of a shift, the previous reports in the shift will be available too.

You may tap on the remove button to delete the report if it is not needed or tap anywhere else on the report summary to view the full report.

The time format can be changed via the drop down between elapsed time and the actual time. When sharing or exporting the report the time format will be used for the readings.





Images within the report can be viewed with the photo gallery button

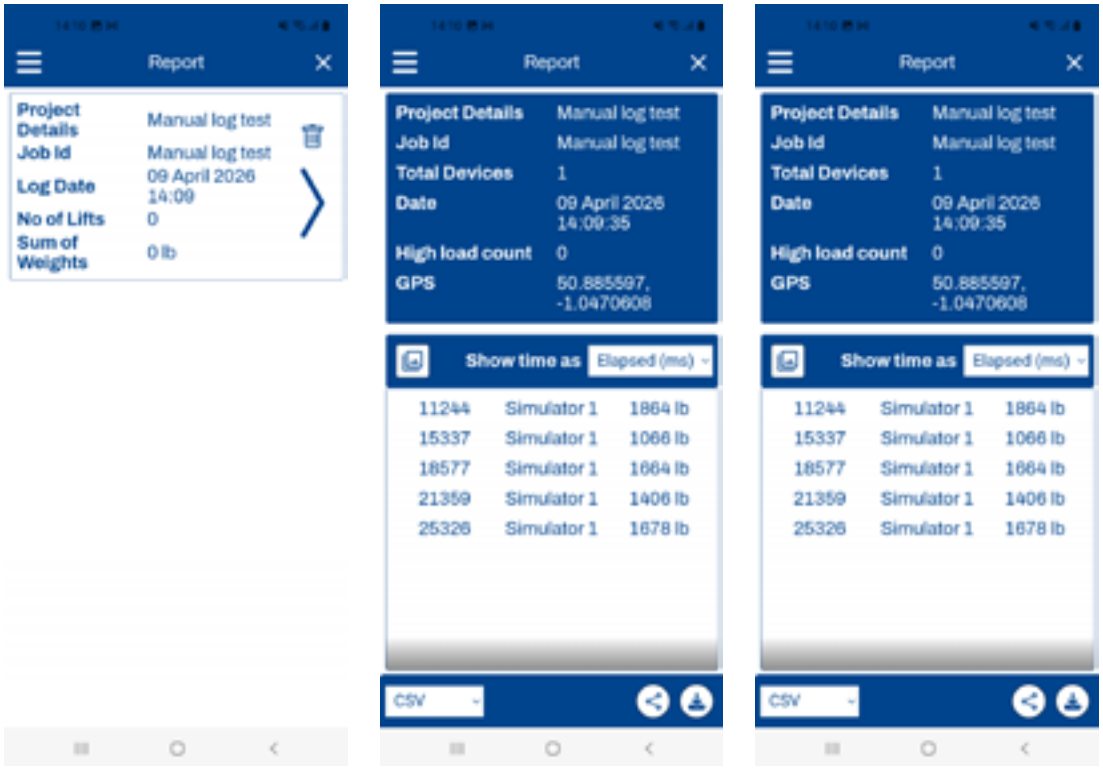
You may share or export the report in the following formats:

- CSV*
- Excel
- PDF

*CSV is a text only format and will not retain images.

Viewing reports

If you need to access a report again after closing it, you can access them through the navigation menu under reports:



The report screen above allows you to toggle between shift summaries and log summaries. You can also narrow down the results by tapping the search icon

- Number of lifts is the number of times any connected device has gone above the threshold limit for at least 3 seconds and then dropped below it.
- It will not count a lift it does not return to below the threshold limit.
- Lift weight is the total of the peak value of the devices that have gone above the threshold. For example, when the lift threshold is set as below:

D1 = 1te **D2 = 2te**

D3 = 1.5te **D4 = 2.5te**

Then the readings are as below:

Set 1: D1 = 0.5te, D2 = 2.5te, D3 = 1.6te, D4 = 2.6te [Number of lifts = 3, lift weight = 6.7te]

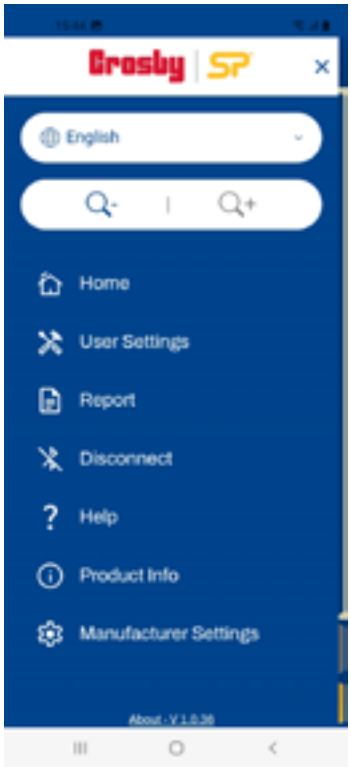
Set 2: D1 = 1.2te, D2 = 1.8te, D3 = 1.8te, D4 = 2.54te [Updated number of lifts = 6, updated lift weight = 8.1te]

{1.2 + 2.5 + 1.8 + 2.6 = 8.1}

If the data log option is turned on, then report will show the total logs and sum of weights.

- Number of logs = How many sets of log data are available in this shift.
- Sum of weights = Combined sum of weights from all the logs.
- When a 'Shift' is selected, it will show the details of the logged data.
- Sum of weight indicates sum of peak values above the threshold within the log.
- Number of lifts indicates how many times the threshold was exceeded within the log.

Disconnect/Reconnect



You can disconnect and reconnect to different load cells by opening the navigation menu and selecting Disconnect.

You will be brought back to the connection page.

Any devices you have previously connected to will show underneath the scan button.

Distributor Stamp

Crosby Straightpoint
123 Proxima Park, Houghton Avenue, Waterlooville, Hants, PO7 3DU UK · Tel: +44 (0)2392 484491
2801 Dawson Road, Tulsa, OK 74110 · USA · Tel: +1 (918) 834-4611