AUTODRAFTER USER GUIDE

Electric autodrafters

2-Way Electric autodrafter (stationary)
3-Way Electric autodrafter (stationary)

Air (or pneumatic) autodrafters

3-Way Swing Gate air autodrafter (stationary)
3-Way Swing Gate air autodrafter (mobile)
5-Way Swing Gate air autodrafter (stationary)
5-Way Swing Gate air autodrafter (mobile)
3-Way Slide gate air autodrafter (stationary)



2-Way Electric autodrafter (stationary)

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Introduction

This guide provides instructions on how to connect and use a Prattley PAD6 control unit (PAD6) in conjunction with a Tru-Test 5000 series indicator (JR5000, ID5000 or XR5000). It explains how to use this equipment to weigh and draft sheep.

This guide is applicable to all models listed on the front cover.

What does a Prattley autodrafter do?

The Prattley autodrafter comes in a range of models (stationary and mobile), but all allow a single operator to weigh and draft sheep.

The system includes a 5000 weigh scale indicator (XR5000, ID5000 or JR5000), PAD6 and MP load bars.

It enables monitoring of changes in weight to identify poor performing sheep, optimise breeding programmes and catch health issues early. Session data can be downloaded from the indicator to your PC for further analysis; or viewed directly on the indicator.



3-Way Slide gate air autodrafter (stationary)

Gates automatically open and close at speed based on drafting rules to separate them accurately, reliably and with as little disruption to sheep flow as possible. The autodrafter and its software is designed to make it easy and intuitive for one person to operate, saving you time and money

Conventions used in this document

Here are the conventions used in this guide.

Symbol	Description
	**Warning** To mitigate risk of injury.
	**Caution or Stop** Take special care to prevent damage to a product. Important information to read before starting a procedure.
	**Tip** Idea or recommendation.
	**Information** Reference to another source of information.
	**Note** Related information.

Autodrafter models

Current Prattley autodrafter models available are:

Electric autodrafters

2-Way Electric autodrafter (stationary)



3-Way Electric autodrafter (stationary)



Air (pneumatic) autodrafters

3-Way Swing Gate air autodrafter (stationary)



3-Way Swing Gate air autodrafter (mobile)



5-Way Swing Gate air autodrafter (stationary)



5-Way Swing Gate air autodrafter (mobile)



3-Way Slide gate air autodrafter (stationary)



Parts of the Prattley autodrafting system



Air autodrafter

1 Indicator

The Prattley auto drafter can be used with an XR5000, ID5000 or JR5000 weigh scale indicator. All models allow you to draft by weight, but the ID5000 and XR5000 have added functionality (e.g. custom fields, complex rules-based drafting, viewing statistics and graphs).

For more information on the difference between indicator models, refer to the Tru-Test website **tru-test.com**.

The indicator displays and records weights as sheep pass through the autodrafter. Weights are sent to the PAD6. The PAD6 control unit works in conjunction with the indicator and communicates via *Bluetooth*.

Refer to the *5000 Series Weigh Scale Indicator Quickstart Guide* for more details of operation of the indicator.

2 Airbox (air (pneumatic) autodrafters only, and shown in above diagram)

Adjacent to the PAD6 is a separate (Airbox) for driving the air pistons in the gates. Not needed for electric autodrafters. For details, see *Airbox connections* on page 10.

Electric autodrafters are supplied with a single Battery Lead Acid 12V 18Ah DM12-18PP Arrowhead. If battery is installed it is usually mounted behind the PAD6.



Battery

Not shown in the photo above, but usually the battery is mounted behind the PAD6, see *Battery specifications* on page 9.

- Electric autodrafters are supplied with a single Battery Lead Acid 12V 18Ah DM12-18PP Arrowhead.
- Air (pneumatic) autodrafters - batteries are an optional extra. See *Battery power*, on page 8.



3 PAD6 control unit

The PAD6 controls the gates. It communicates with the 5000 indicator and Radio Remote Control via *Bluetooth*. The PAD6 keypad will automatically lock after a few minutes of inactivity. To unlock it, double-tap **AUTO**.

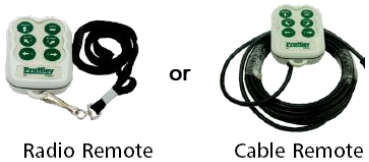


4 Sheep autodrafter crate

Contains the sheep on a weighing platform with entry/exit gates.

5 Load bars - normally MP600 model load bars (though other brands and models can be used). These are installed beneath the crate/platform**.**

6 Remote control (radio or cabled model). Use this to set the gates and control the PAD6 during weighing/drafting sessions. This, in most cases will be a Radio Remote control (older installations may still be using a Cable Remote control). Optional for automatic drafting sessions but needed for manual drafting.



7 Aluminium alloy frames

Multiple frames are assembled to create pens and channels for sheep to pass through. Frames can be configured to create a race and pens, allowing sheep to walk into the auto drafter and are then corralled into appropriate pens.



On older models, the PAD6 may not be *Bluetooth* enabled:

Non-Bluetooth PAD6 models

For these older models, a Connect Plug is fitted to the PAD6, and a cable is used to connect the PAD6 to the weigh scale indicator.



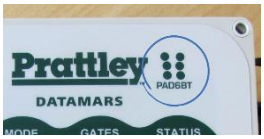
Non-Bluetooth PAD6


Connect plug


5000 connector cable

Bluetooth PAD6

All newer models of autodrafter are supplied with a PAD6 with built-in *Bluetooth*.



Bluetooth PAD6

Connection options

All Prattley PAD6 control units can be powered with a mains connection or a battery 12 V DC connection.

Fixed installation power

To connect the PAD6 to fixed installation power:

Air (pneumatic) autodrafters	For air autodrafters connect the DC Power adaptor 2A to the mains power supply using the power lead.  • Air autodrafters have electric motors and require greater power. A mains connection and a DC Power Adaptor 2A are required. • A DC Power Adaptor 2A is supplied with all air autodrafters.
Electric autodrafters	Electric autodrafters operate all functions using a 12 V DC battery which is supplied, refer to section *Connecting the battery*, see page 9.

Battery power

All the PAD6 control units can be powered by a 12 V DC battery (e.g. car battery, motorcycle battery, SLA battery).

- A battery is supplied for all operations of an electric autodrafter.
- A mains connection is required for air autodrafters, refer to section Fixed installation power.

Battery recommendations

The PAD6 can be powered by an independent 12 V battery.



Battery specifications

Features	Performance characteristics
12 V 17 Ah (20 hr) Long service life. Maintenance free operation. Low self-discharge.	Nominal voltage of 12 V. Number of cells: 6. Nominal capacity: 77 °F (25 °C) with a 20-hour rate (0.8 A, 10.5 V) 17 Ah.
Electric autodrafters 12 V 15 Amp battery or more. The electric autodrafters have a holder for an SLA battery (capacity ~18Ah).	**Air/pneumatic autodrafters** A small 12 V 1 Amp battery or more.

Connecting the battery

To connect the PAD6 to battery power:

1. Connect the battery clips to the orange power lead (black clip to black cable, red clip to red cable).
2. Connect the cabled red battery clip to the positive terminal of the battery, and the cabled black battery clip to the negative terminal.
3. Secure the battery in place, behind the PAD6.







Indicator power options

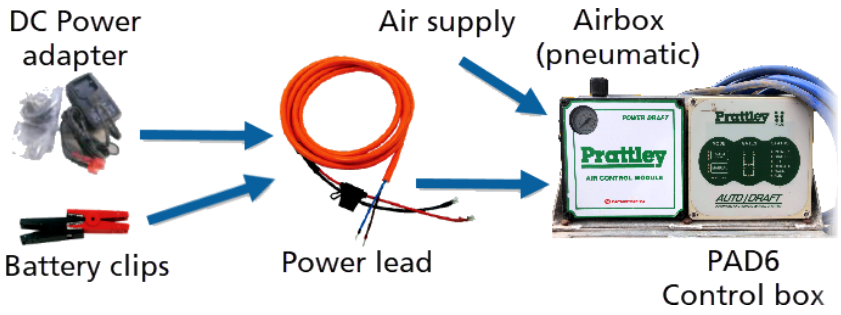
The 5000 series indicator can be connected to the mains power supply directly or the built-in battery can be used. The battery lasts up to 10 hours with backlight on and 13 hours with backlight off. The indicator fully charges in 7 hours in normal conditions.

Airbox connections

Power supply

Air (pneumatic) autodrafters include an Airbox, a box similar in size and shape to the PAD6 Control box.

The Airbox is mounted alongside the PAD6.



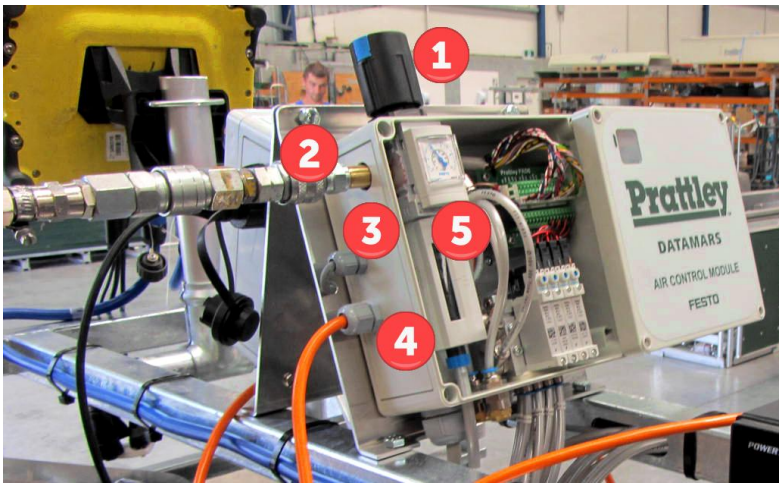
Mains power

You can use a power supply regulator to power up the Airbox, but it is recommended to use a DC adapter 2A. Use the orange cable (see 4 in photo).

Battery power

You can supply your own battery to power up the Airbox. Use the orange cable and battery clips (see 4 in photo).

1: Air pressure knob
2: Air line
3: PAD6 Control box
4: Power supply orange cable
5: Air pressure gauge



Air supply

The Airbox connects to an air compressor (supplied by customer) via the air line (see 2 in photo). Either a portable compressor or one installed under cover at the site).

New Zealand models have an Adapt 1/4 ARO 1/4 BSP Female socket, quick release connector.
Australian models have a socket and hose tail clip connector.

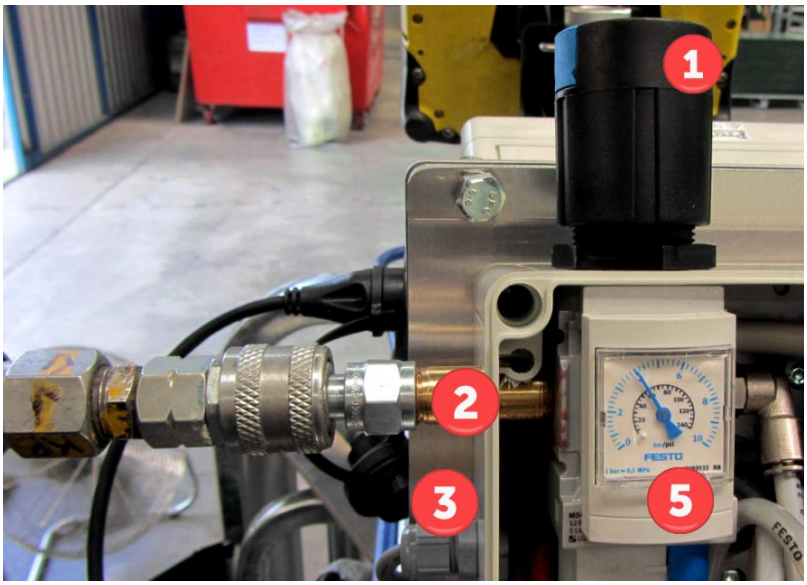
Air pressure

Air pressure is adjusted (via the black knob, see 1 in photo).

We recommend setting the air pressure to:

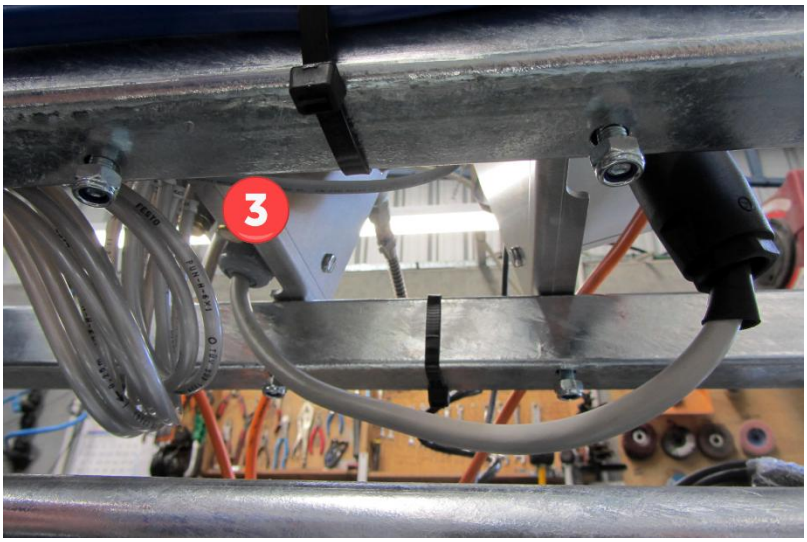
3 bar for slide gate auto drafters
or
4 bar for all other auto drafters.

Note that psi readings are also shown on the gauge (see 5 on photo).



Airbox to PAD6

A Festo Airbox Loom grey cable is supplied to connect the Airbox to the PAD6 Control box (see 3 in photo).



Connecting the Airbox

To connect the Airbox:

1 Connect the Airbox to the PAD6 using the loom (see *Airbox to PAD6* above).

Although air is used to move the gates, the Airbox still requires power from the PAD6 (mains or battery) to operate the air solenoids.

2 Connect the air line from the air compressor to the Airbox (see *Air supply* above).

3 Adjust the air pressure using the air regulator knob (see *Air pressure* above).

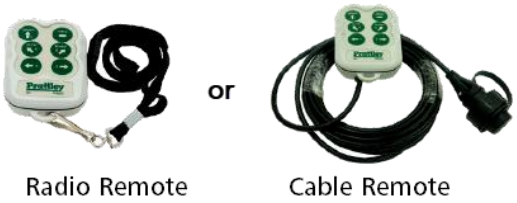
4 View the air pressure gauge on the front of the Airbox (see *Air pressure* above).

Setting up a Remote control

The PAD6 Remote control is a handheld device and allows you to remotely connect to a Prattley autodrafter and drive the operation of the autodrafter.

It is generally available as a radio remote but a cabled model is still available.

Both models need to be connected to the PAD6 to operate.



Radio Remote control connection

Connection of the Radio Remote control requires pairing via *Bluetooth®*.

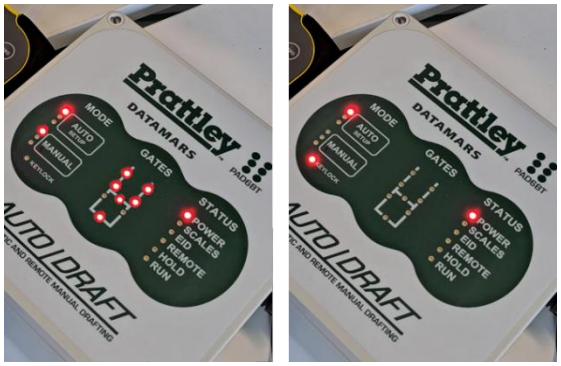
Follow these steps to pair your Radio Remote control to your Prattley autodrafter for the **first time**.

You should only need to do this once.

Before pairing, the PAD6 will ignore the Remote control, then after pairing, pressing any button on the Remote control will light the REMOTE LED on the front panel of the PAD6.

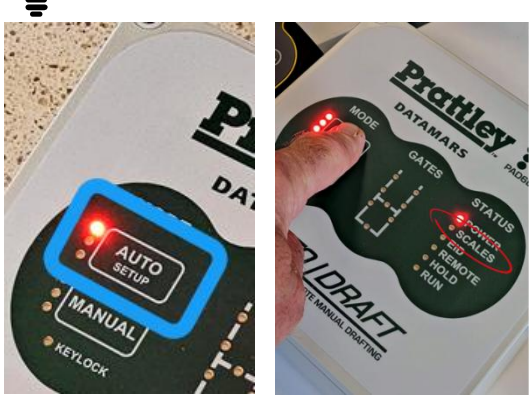
Pairing the Radio Remote control to PAD6

1 Plug in the power to the PAD6 and the red lights flicker and then settle down to its default locked keypad state.



2 To unlock the keypad, double-tap the **AUTO** button repeatedly until the KEYLOCK light turns off.

Once unlocked, work quickly (within 10 seconds or so) or the keypad will automatically lock again.

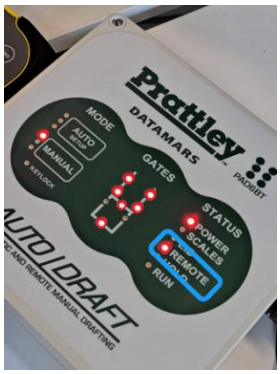


3 Hold down the **AUTO** button until the MODE lights start blinking. This indicates that the PAD6 is in pairing mode, searching for nearby devices.

4 Within 10 seconds or so press both the **left arrow** and **right arrow** buttons together on the Radio Remote control.



After a few seconds, the PAD6 will have the REMOTE light illuminated to indicate that the two units are paired:



Pairing can be done in any order, while holding the **left arrow** and **right arrow** buttons down on the Radio Remote control first, then touching the **AUTO** button, will also work.

If the battery light flashes red when a button on the Radio Remote control is pressed, the battery needs replacing (AA battery), see page 32.

Subsequent pairing

Once paired, then subsequent pairings of the Radio Remote control and PAD6 should be automatic, once you've turned the PAD6 on.

Cabled Remote control

If you are using a Cabled Remote control insert the end of the cable into the circular USB socket on the side of the PAD6 (as shown).

When the PAD6 is powered up and ready for drafting, the Cabled Remote control should operate.



Setting up the 5000 indicator for weighing and drafting

The PAD6 connects to the 5000 indicator via *Bluetooth*. No cables are required.

Ensure that your indicator is loaded with the latest firmware, using Data Link PC software.
See the Datamars Livestock Knowledge Base at **https://support.livestock.datamars.com** for more information.

There are four steps to setting up the 5000 indicator for weighing and drafting. The first two steps should only need doing once (the first time you set up your system):

- *Step 1 - Connecting the Tru-Test 5000 indicator to the PAD6 via Bluetooth*, see page 14.
- *Step 2 - Configuring weighing settings on the Tru-Test 5000 indicator*, see page 17.
- *Step 3 - Setting up for drafting by weight*, see page 18.
- *Step 4 – Setting up the Weighing screen*, see page 22.

Step 1 - Connecting the 5000 indicator to the PAD6 via *Bluetooth*

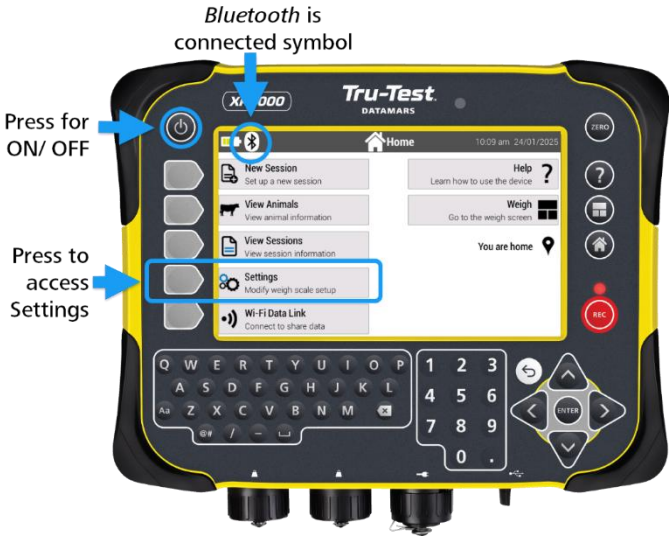
Follow these steps to set up your Prattley autodrafter for the **first time**.

You should only need to do this once.

Establishing a *Bluetooth* connection (first time)

To perform the one-off procedure to establish the connection:

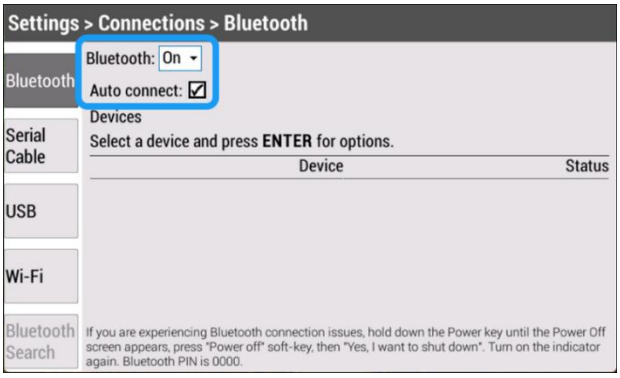
1 Turn **ON** the indicator (by pressing the indicator *On* button) and display the Home screen:



2 If the *Bluetooth* icon appears in top left of the screen you can jump to step 4. Otherwise, you need to proceed with the following steps 2 and 3.

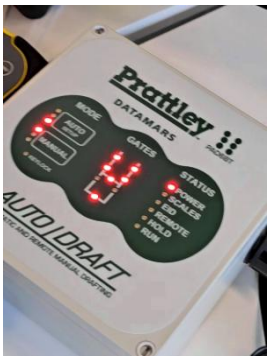
3 Tap **Settings > Next page > Connections > Bluetooth** to display a list of detected *Bluetooth* enabled devices.

4 Turn **Bluetooth ON** and enable **Auto Connect**:



The indicator runs an Auto connect procedure to detect nearby *Bluetooth* devices, and initially the PAD6 is not listed (as it's not switched on yet).

5 Plug in the power to the PAD6 and the red lights flicker and then settle down to its default locked keypad state.





6 To unlock the keypad, double-tap the **AUTO** button repeatedly until the **KEYLOCK** light turns off.

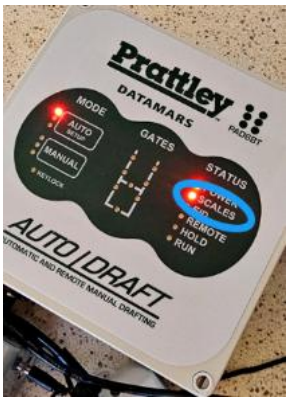


Once unlocked, work quickly (within 10 seconds) or the keypad will automatically lock again..

7 Hold down the **AUTO** button until the MODE lights start blinking. This indicates that the PAD6 is in pairing mode, searching for nearby devices.

After a few seconds, the Home screen on the indicator will display a *Bluetooth* connected symbol and the PAD6 will have the SCALES light illuminated to indicate that the two units are paired.





Subsequent pairing

Once paired, then subsequent pairings should be automatic, once you've turned the two units on.

Step 2 - Configuring weighing settings on the 5000 indicator

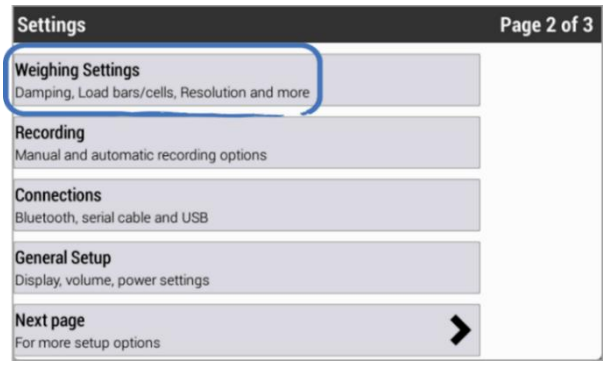
Once the connection between the PAD6 and indicator is up and running (see *Step 1 - Connecting the 5000 series indicator to the PAD6 via Bluetooth* on page 14) configure the weighing settings to match what you are weighing.

In the example below, we are drafting sheep using Tru-Test load bars.

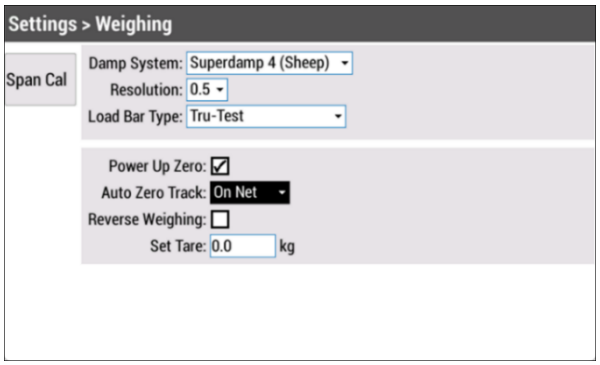
Follow these steps to set up your Prattley autodrafter for the **first time**. You should only need to do this once unless you are changing your load bars.

To configure the drafting session:

1 From the Home screen, tap **Settings > Next page > Weighing Settings**



2 Select **Superdamp 4 (Sheep)** from the **Damp System** dropdown menu, to match what you are weighing:



3 A **Resolution** of 0.5 kg is recommended.

If you are weighing lambs, you may want to use a finer resolution of 0.1 or 0.2 kg. However, be aware that the finer the resolution the longer it will take for the weight be established.

4 The indicator will automatically be set up for any **Tru-Test** load bars you have connected. But if you have a different brand and model, select it here.

5 All other settings should remain with default values:

Power Up Zero	Enabled
Auto Zero track	On Net
Reverse Weighing	Disabled
Set Tare	0.0 kg

Step 3 - Setting up for drafting by weight

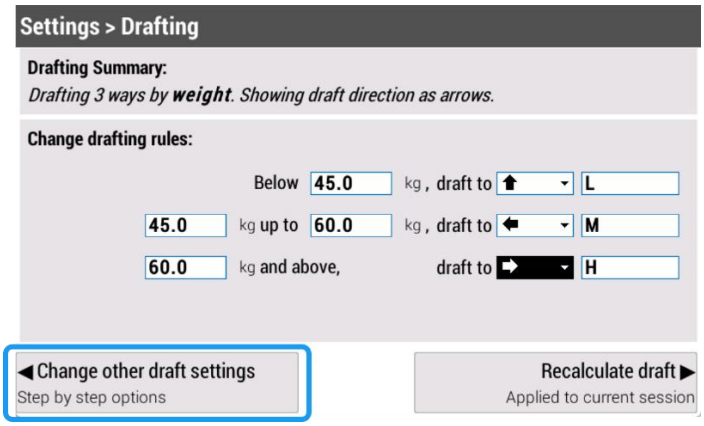
You should have completed the two initial set up steps. Now we can set the drafting criteria for the session. The draft settings can be changed each time you set up for a drafting session, depending on what you want to achieve. First you will set up the drafting criteria, then define what will be displayed on the main Weighing screen.

Setting up for drafting

In this example, we will set up a 3 way drafting by weight using arrows to show the draft direction. We will not be capturing IDs during weighing.

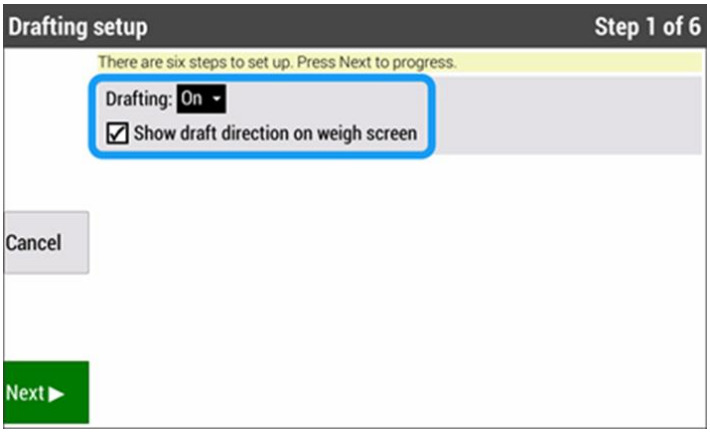
To set up drafting:

- From the Home screen, press **Settings > Drafting > Change other draft settings**



Check Drafting is set on

- Ensure the **Drafting** dropdown is set to *On*
- Ensure **Show draft direction on weigh screen** is ticked:

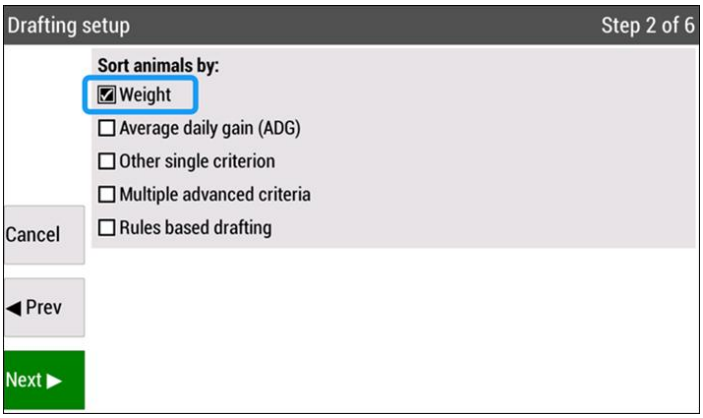


- Tap 

to proceed to next screen.

Sort animals by weight

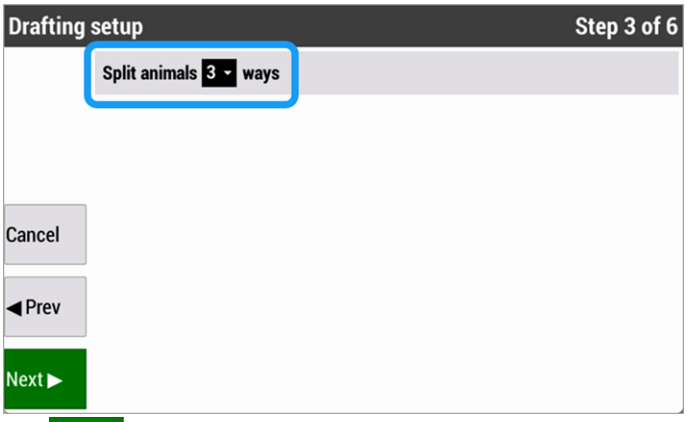
- Ensure the **Weight** checkbox is ticked.



- Tap Next ▶ to proceed to next screen.

Split animal number of splits

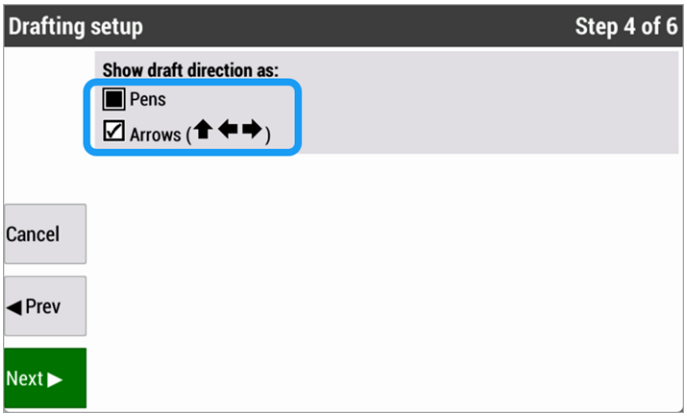
- Select the number of ways you want to draft e.g. **3**



- Tap Next ▶ to proceed to next screen.

Show drafting direction as pens or arrows

- Select the way you want to show draft direction - **Pens** or **Arrows**

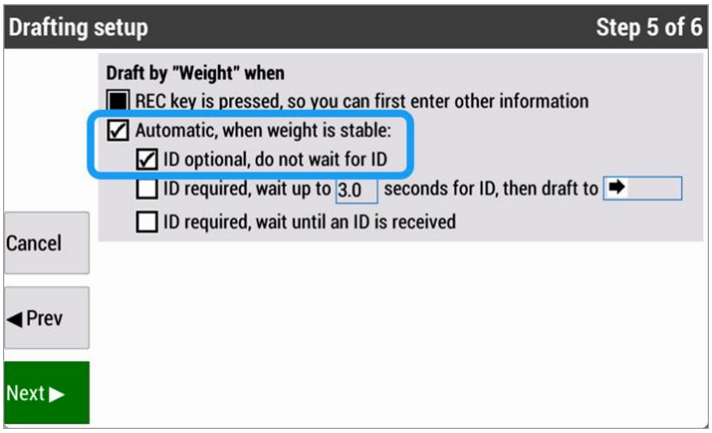


- Tap Next ▶ to proceed to next screen.

When to draft

Select when you would like to draft animals. Because we are not capturing IDs or other information during our drafting session, we will use **ID optional, do not wait for ID:**

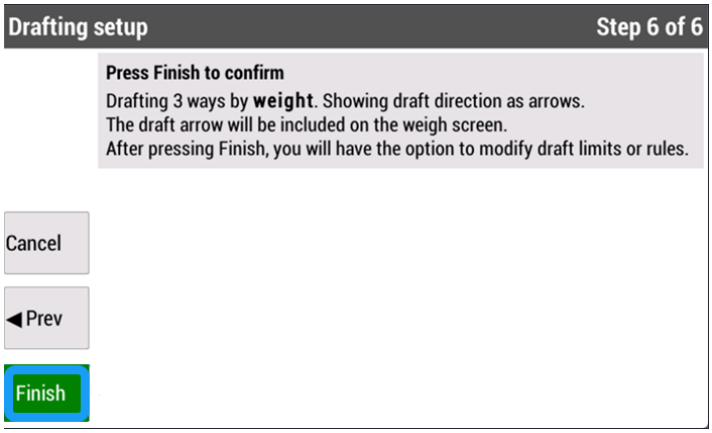
- Ensure **Automatic > ID optional, do not wait for ID** are ticked



- Tap 

to proceed to next screen.

Finishing the drafting set up



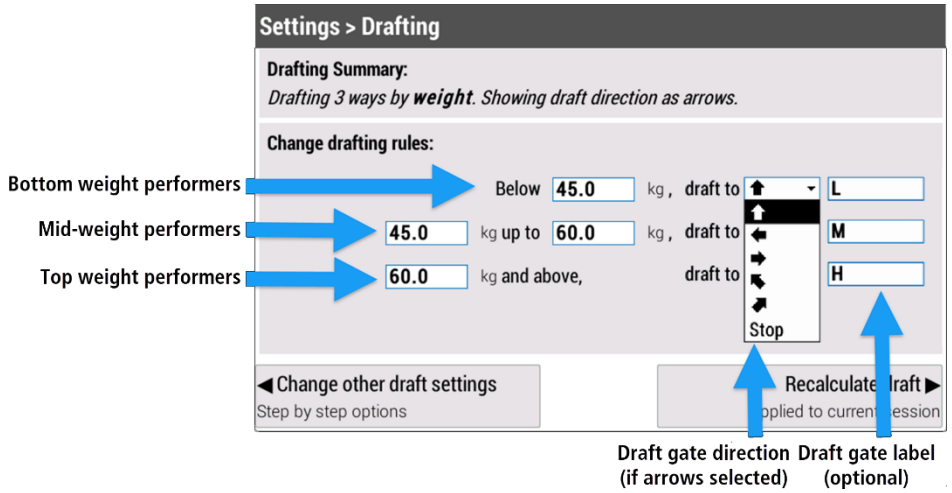
- Tap 

to complete drafting set up.

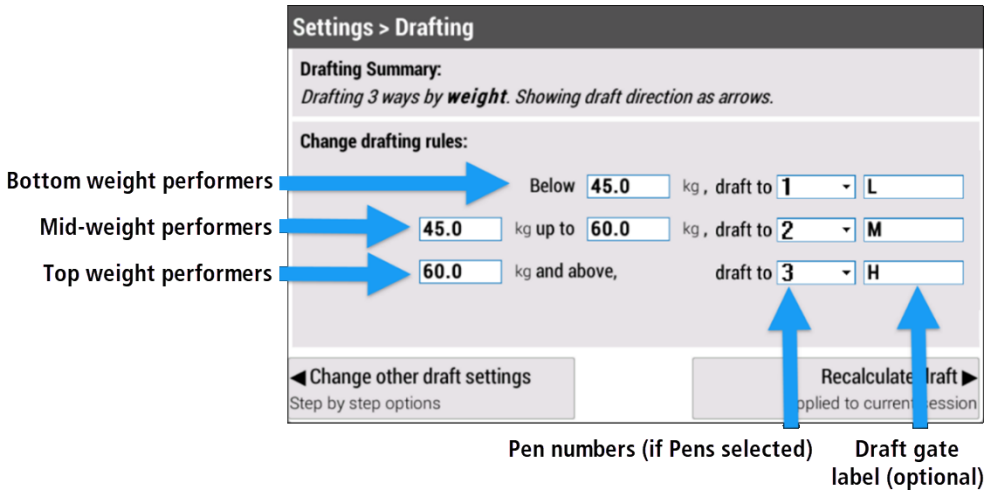
Setting the drafting (weight range) rules, drafting directions and optional direction labels (e.g. L, M, R).

You are returned to the Drafting screen.

- Set the draft weight ranges you want to draft for
- If **Arrows** were selected:
  - Tap to set the direction controls for which way they should exit through the drafter (e.g. **L**eft gate, straight on, through the **M**iddle and **R**ight gate).
- Select the direction labels (optional)



- If **Pens** were selected:
  - Select the pen numbers (usually, 1, 2,3)
- Select the direction labels (optional)



You are now ready to run your drafting session.



This only one example of how to set up the indicator for weighing. There are many others, for example:

- Draft by pregnancy check results e.g. pregnant, not pregnant, twins (XR5000 only).
- Draft manually by fleece quality (dirty fleece/clean fleece).

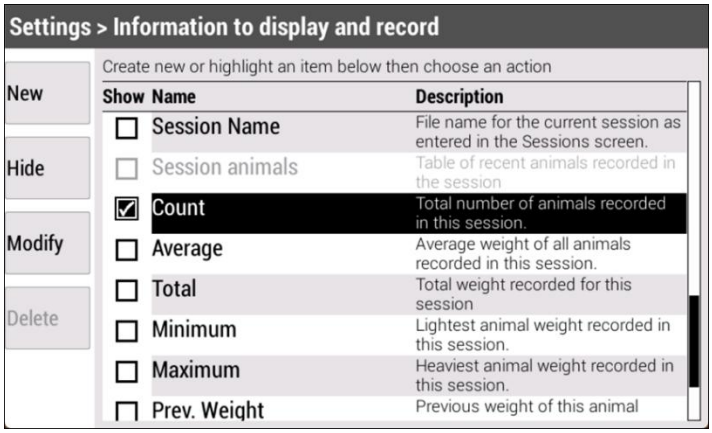
See the Datamars Livestock Knowledge Base at https://support.livestock.datamars.com for more information.

Step 4 - Setting up the Weighing screen

In this example, we are just recording weights without IDs, so no other information will be available for us to view or record. However, if you are setting up a drafting session and recording IDs, some of these fields could be useful.

To set up the indicator Weighing screen:

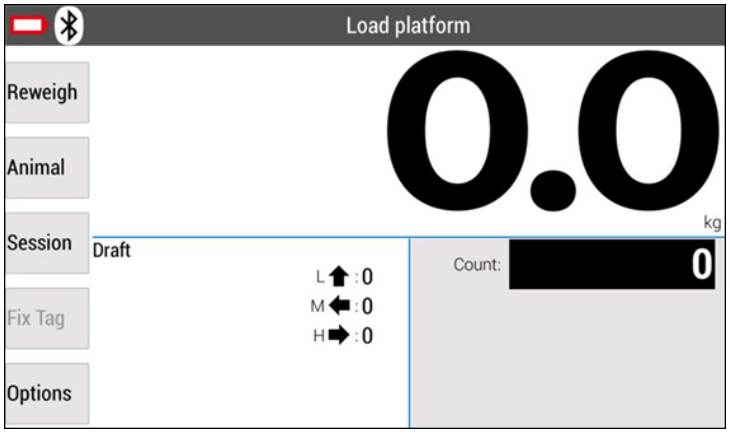
1 From the Home screen, press **Settings > Information to display and record**:



2 Scroll through the list of items and select fields you wish to display on the Weighing screen.

3 In this example we have only selected **Count** (to view the total number of animals recorded in the drafting session). Press ENTER to select/deselect fields as required.

You are now ready to start your drafting session from the Weighing screen (reflecting above field selections):

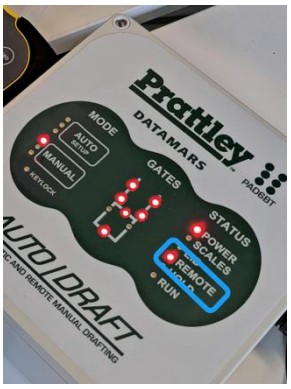


Checks (before you start drafting)

Before you start drafting, perform the following checks.

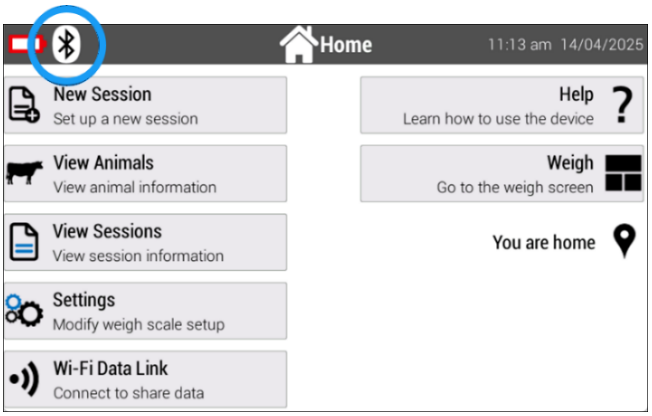
Check the Radio Remote control is paired with the PAD6

After a few seconds of switching the PAD6 on, the REMOTE light will be illuminated to indicate that the two units are paired:



Check the 5000 indicator is paired with the PAD6

When the 5000 indicator is paired with the PAD6, the *Bluetooth* icon will be displayed on the indicator and the SCALES light will be illuminated.



5000 weigh scale indicator – showing as *paired*



PAD – *paired* status

Adjust the leadup

1 Left leadup panel

2 Right leadup panel

3 Entry roller gate

Adjust the width of the leadup panels/entry gate to ensure that sheep will enter in single file.



Adjust the width of the entry roller gate*

The entry roller gate operates on a bump setting. As each sheep comes through, they bump the vertical roller gates. The gate opens to let them in and closes behind them. You need to set the width of the entry gate to match the size of the animals you are drafting. This will ensure sheep enter one at a time. This is different for air and electric drafters.

Air drafters

1 Adjust the wing nuts to change the width of the entry gate.



Electric drafters

1 Press **Teach** on the Remote control.





2 Adjust the entry gate width (by hand on the gate) as required and then press **AUTO** to set this entry gate width.



* If you have a 3-way slide gate air autodrafter, this step is not necessary.

Testing the Prattley autodrafter

Once the autodrafter is set up and ready for operation it is recommended to test it out with a known weight (e.g. a big bag of feed, or the operator's own body weight).

Running a test

To test the autodrafter:

1 Operation of each gate can be tested with the Remote control when the PAD6 is in MANUAL mode.

2 An empty crate (zero weight) cancels the draft/weigh cycle. Accidently leaning on the crate will not record a false weight or operate the drafting exit gates. When testing; Open entry gate, apply weight, close entry gate.

3 If two sheep enter and the entry gate then shuts, hold the **HOLD** button down and the entry gate will open, back one sheep out, then press **AUTO** button and autodrafter is reset to automatic drafting again.

Check the load bars are zeroing

Check the load bars are zeroing when weight is removed. if not check for dirt, stones or binding and repeat check.

Using your Prattley autodrafter

The Datamars Livestock Knowledge Base (see page 35) has some articles describing common scenarios of using a Prattley autodrafter along with videos to watch of their operation.

Let's look at a couple of scenarios as ways to show the operation of your Prattley autodrafter with its Remote control.

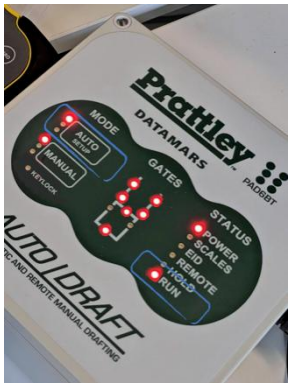
Running an automatic drafting session to draft sheep by weight

Scenario

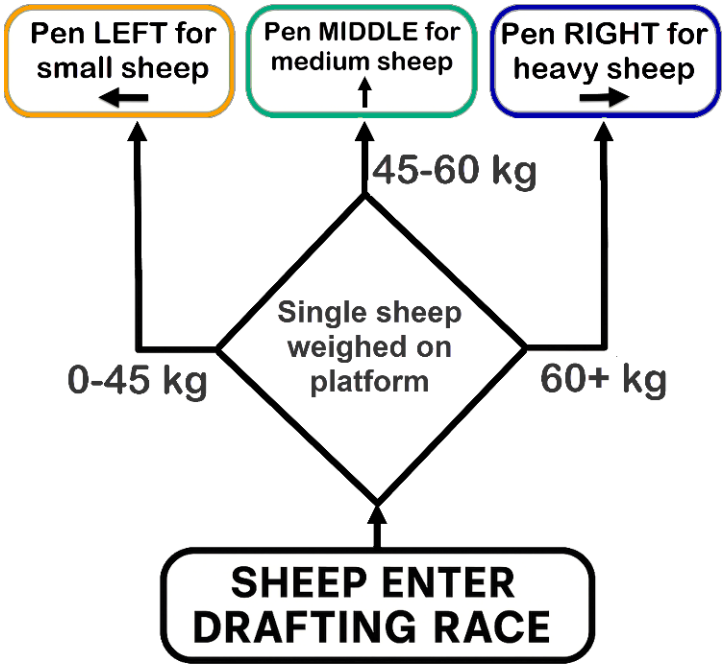
We want to draft sheep and have them separated into three pens according to their weight. The autodrafter is in AUTO mode and automatically drafts the sheep into the appropriate pens according to their weight.

AUTO or RUN mode

This means the same mode, and when the PAD6 is in AUTO mode, both the AUTO and RUN mode lights will light.



See Knowledge Base article *Performing a 3-way draft by weight drafting session* for a video of this procedure in action.



Before you start

Make sure you have completed all the pre-drafting checks on page 23.

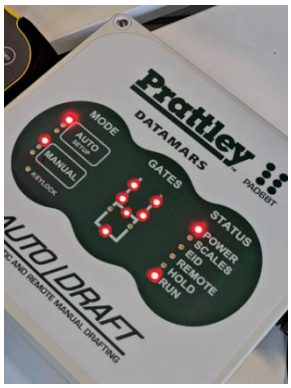
Setting up the 5000 indicator drafting criteria

See *Setting up the 5000 indicator for weighing and drafting* on page 14.

To weigh animals fully automatically (hands free) *

This method is completely hands-free. Animals bump the entry gate which opens, then shuts behind. Drafting will be automatic according to the 5000 indicator settings.

1 Put the PAD6 into Auto (or Run) mode by pressing **AUTO** on the PAD6 or on the Remote control. The AUTO and RUN lights will light.



If the PAD6 keypad is locked, double-tap **AUTO** to unlock it.

2 The first animal will step onto the load bars and the entry gate will close behind automatically.

3 The animal will be weighed and drafted according to the criteria you set.

4 As the first animal exits, the entry gate will open, ready for the next animal to enter.

You can override automatic drafting at any time using the Remote control (see the *Remote control Quickstart Guide* on page 31)..

* If you have a 3-way slide gate air autodrafter, this does not have fully automated drafting, you will need to use the Remote control method described below.

To weigh animals automatically using the Remote control

This method allows you to open the **entry gate** using the Remote control. Drafting will be automatic according to the 5000 indicator settings.

To draft animals automatically using the Remote control:

1 Put the PAD6 in Auto mode by pressing **AUTO** on the PAD6 or on the Remote control.



If the PAD6 keypad is locked, double-tap **AUTO** to unlock it.

2 Press any button to open the entry gate.

3 The first animal will step onto the platform. Press **DRAFT** and the gate will close behind.

4 The animal will be weighed and drafted according to the criteria you set.



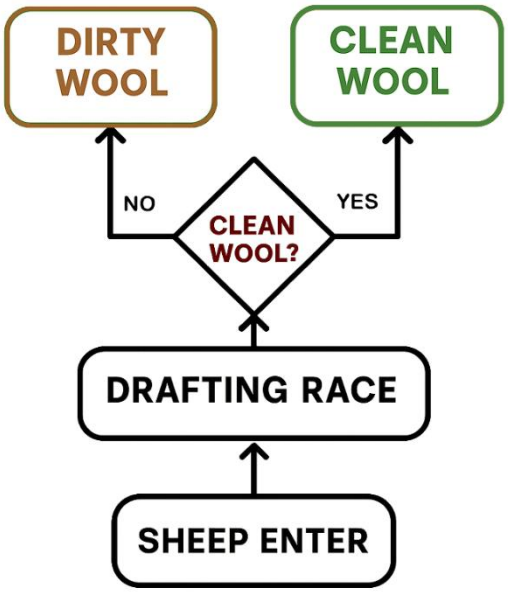
You can override automatic drafting at any time using the Remote control, see page 31.

Manually draft sheep according to fleece condition

Scenario

We want to separate sheep into two pens according to a visual assessment of their fleece being clean or dirty.

The PAD6 is in MANUAL mode and the drafting process is controlled by the single operator using the Remote control (and pressing the appropriate arrow key on the Remote control to direct the sheep into the appropriate pen).



See Knowledge Base article *Performing a dirty/clean fleece drafting session* for a video of this procedure in action.

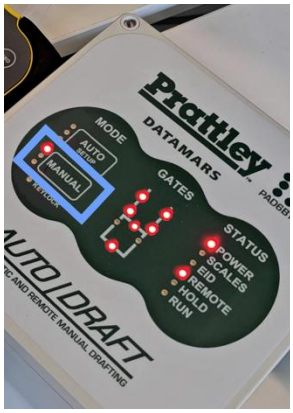
No need to use the indicator in this scenario.

Before you start

Make sure you have completed all the pre-drafting checks on page 23.

Setting your PAD6 to MANUAL mode

To draft animals manually:



1 Press **MANUAL** on the PAD6 to change the mode to manual mode.

- If the PAD6 keypad is locked double tap **AUTO** to unlock it.
- There is no facility on the Remote control to switch to Manual mode.

Using the Remote control in MANUAL mode

In MANUAL mode the entry gate stays open, but the exit gate/s open while the **ARROW** buttons are held down.

- Press-down an **ARROW** button (e.g. **left arrow**) to open the entry and selected exit gate.
- Release the button to close the straight ahead gate or exit gate (the entry gates stay open).



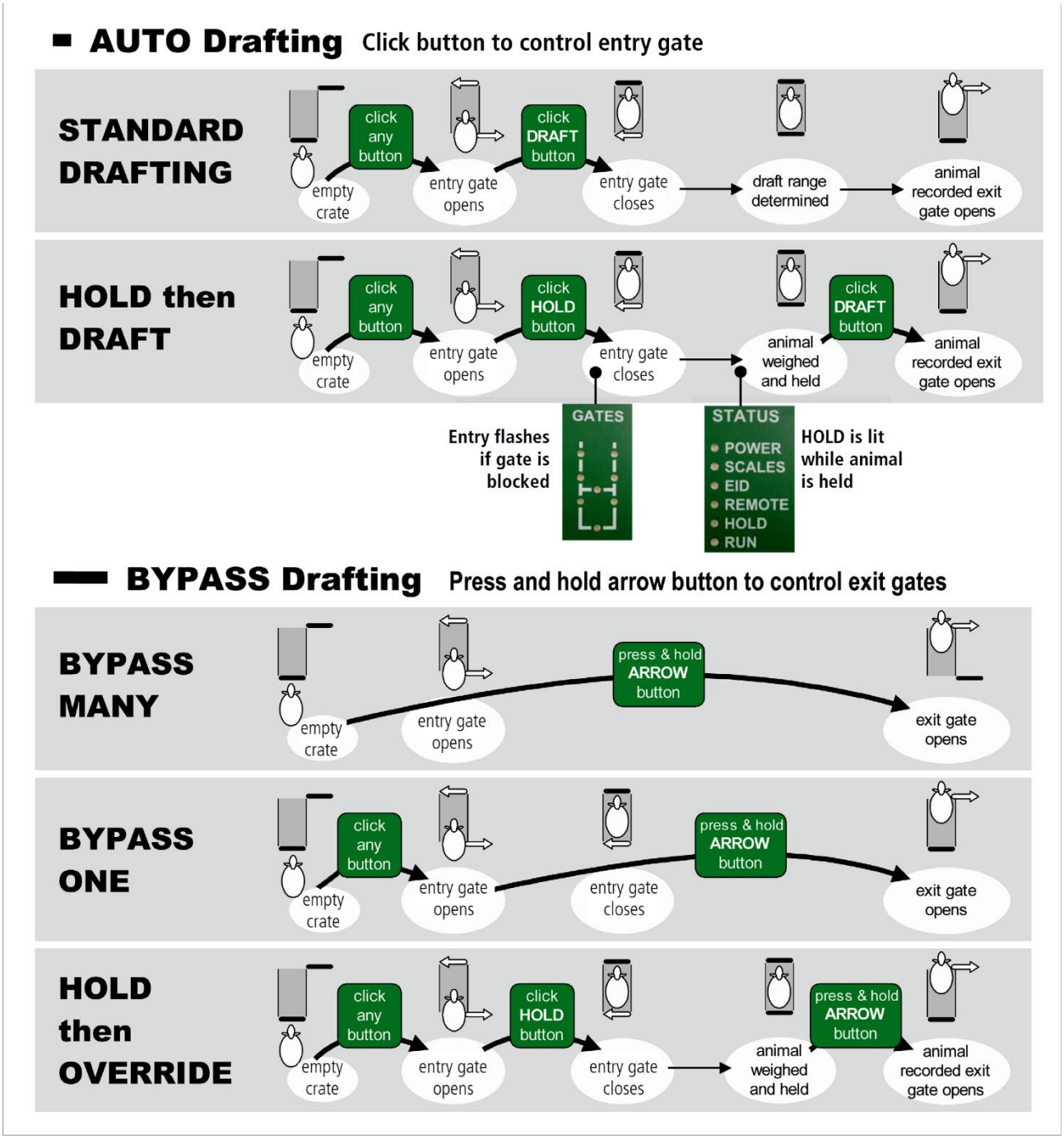
- Click **HOLD** to close the exit gates and hold an animal already in the crate.



- Click **DRAFT** to release a held sheep (in the direction shown on the 5000 indicator) and record it.



Remote control Quickstart Guide



Maintenance

Cleaning and maintenance of the Prattley autodrafter will ensure that it continues to operate correctly:

- Wipe dust and grit off the gate rails.
- Use silicone spray to keep the gate rails smooth so the gates continue to open freely. Take care to not spray on the actual Air ram. Ensure lubrication is done just around the gates and their hinges where they open and close.
- Autodrafter gates should operate at the correct air pressure. Gates are calibrated during assembly so that the gates are synchronised. You can change individual air ram pressure by adjusting the screws at the end of each ram. For details, see page 10.

Replacing the battery on the Radio Remote control

No battery is required with a Cabled Remote control, as it is powered from the PAD6.

To replace the single battery:

1 Unscrew the three screws securing the back cover.
2 Take out the battery and replace it with a double AA battery.
3 Refit the screws.



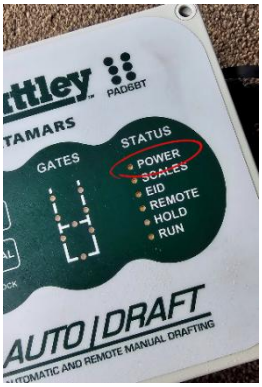
Troubleshooting

Read through the common questions and answers in this section.

Are your sheep not drafting?

First thing to check is that the **POWER**, **SCALES** and **AUTO** lights are lit on the PAD6.

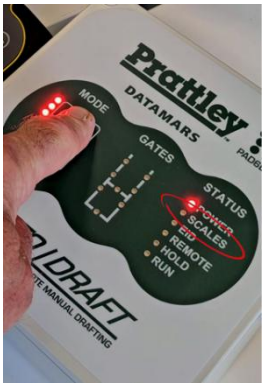
Is Status light POWER lit?



If not, check if the **POWER** light is flickering or off, it means there is an insufficient power supply. Check battery and cable connection as it will cause issues with gate functioning.

- **Check** battery has sufficient charge.
- **Check** battery clips, and battery leads.
- **Check** mains power supply.
- **Check** battery voltage.
- **Check** Inline fuse (located at end of positive lead going into the PAD6, PAD6 electric installations have a 15 A fuse built in and other models a 2 A fuse).

Is Status light SCALES lit?



If completely off then there is a connection issue between the autodrafter and the 5000 series indicator.

If flickering then it might be okay and waiting for draft data from the 5000 series indicator.

1 Double tap **AUTO** to unlock the keypad.
2 Tap and hold until lights start cycling.

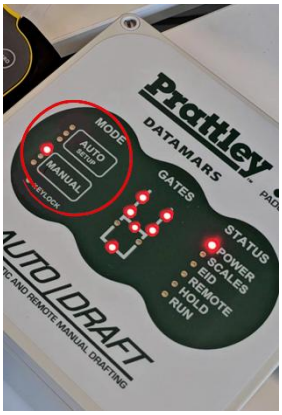
Is the *Bluetooth* symbol showing on 5000 series indicator?



When showing this indicates a *Bluetooth* connection is established.

If not displayed then look to re-establish a Bluetooth connection, for details, see *Step 1 - Connecting the 5000 series indicator to the PAD6 via Bluetooth*, see page 14.

Is the AUTO light off (but MANUAL is on)?



The autodrafter is in Manual mode and you will only be able to manually open and shut gates.

1 Double tap **AUTO** to unlock the keypad.
2 Press **AUTO** to change the mode to automatic (or tap the **AUTO** button on the Remote control).

Are the gates not operating correctly?	1 Check the air supply into the Airbox. 2 Ensure it's set to 3 bar (autodrafters with sliding gates) or 4 bar (all other drafters) 3 Make sure the air hose is not kinked.
Are your sheep drafting the wrong way?	**Check drafting rules** Check that the draft arrow directions are showing correctly on the indicator.  For details of drafting rules and arrow directions refer to *Step 3 - Setting up for drafting by weight*, see page 18. **Check data accuracy** On the Weigh screen does the data match the drafting rules? If **not**, you either need to change the draft rules or re-upload the draft data. • Click **Options > Drafting settings**... If **yes**, you need to review the drafting rules. Refer to *Step 3 - Setting up for drafting by weight* (link above). **Is drafting turned on?** • Click **Options > Settings... > Drafting** • Step through wizard **Weighing non-tagged sheep** • Ensure drafting is set to **Automatic > ID optional**, do not wait for an ID **Rules based drafting - Priority is incorrect (XR5000 indicators only)** • Click **Options** > **Drafting settings...** • With rules-based drafting make sure the first rule is the highest priority. • If an animal meets the criteria it will draft. The second rule is then looking at the balance of the animals.

Need more information or support?

Using the Datamars Livestock Knowledge Base

The Knowledge Base is a great resource to access information about your Tru-Test series 5000 indicator and your Prattley autodrafter. Access the Datamars Livestock Knowledge Base at **https://support.livestock.datamars.com**

Telephone support

Phone support is available by ringing our Support Team in your region:

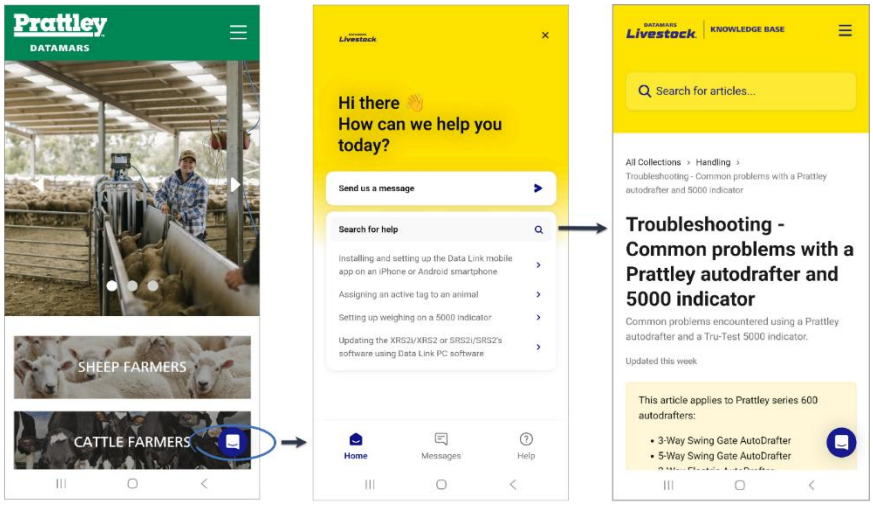
New Zealand	0800 243 282
Australia	1800 248 774
Ireland and Europe	+353 212 428 844
North America	+1-888-431-0957
United Kingdom	+44 2045717717

Email support

Email your query to: **sf-support@datamars.com**

Live Chat

If you need help, access Datamars Livestock support on your laptop or mobile, from the Prattley website, Knowledge Base, Datamars Livestock website or mobile app, and click on the Live Chat bubble in the bottom right-hand corner of the screen.



Product warranty

Terms and conditions for Prattley products

Datamars SA's warranty obligations for Prattley products manufactured by, or for Datamars SA, are limited to the terms set out in this policy.

Datamars SA warrants its products to be free of defective materials and workmanship for the periods outlined below.

If a warranted defect occurs, please return the product along with proof of purchase to the place of purchase. If Datamars SA receives a valid claim within the warranty period, Datamars SA will, at its option:

- Repair the product at no charge, using new replacement parts.
- Exchange the product with a product that is new or has functionality equivalent to the original product; or
- Refund the product's original purchase price.

Warranty period

The period of warranty (warranty period) begins at original date of purchase and runs for the following terms:

- Two years against manufacturing defects.

Exclusions and limitations

This warranty applies only to Prattley products manufactured or supplied by, or for Datamars SA.

The liability of Datamars SA under this warranty is excluded to the extent that any defect has been caused or contributed to, by:

- Any accident, contamination, tampering, modification, wilful damage, improper storage, improper use or negligent act of, or by omission by, any person other than Datamars SA
- Improper installation of the unit
- The use of the unit for any other purpose than drafting animals and/or weighing livestock
- The use of the unit for any other purpose than for which it was intended
- The use of anything other than the original equipment or manufacturer's parts
- Any damage to the unit caused by storm, landslide, fire, lightning, earthquake, tornado or any other naturally occurring phenomenon
- Any damage to the cabling of the Autonomous Weighing (WOW) products caused by production animals, vermin, bird life or other pest
- This warranty specifically excludes the unit colour, which may fade or change over time.

To the maximum extent permitted by law, this warranty is exclusive, personal to you, non-transferable, and in lieu of all other warranties, representations or conditions relating to this product (whether express or implied and whenever arising) whether originating by statute, law, trade, custom or otherwise.

The product warranty is only valid in the original country of purchase. Any claims made in another country may incur full repair costs at the owner's expense.