



The Ultimate in Stock Handling

Sheep Handling Instruction Manual and Operating Guide

Important Safety Measures Inside



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For advice on setting up and using your Combi Clamp Sheep Handler call free phone:

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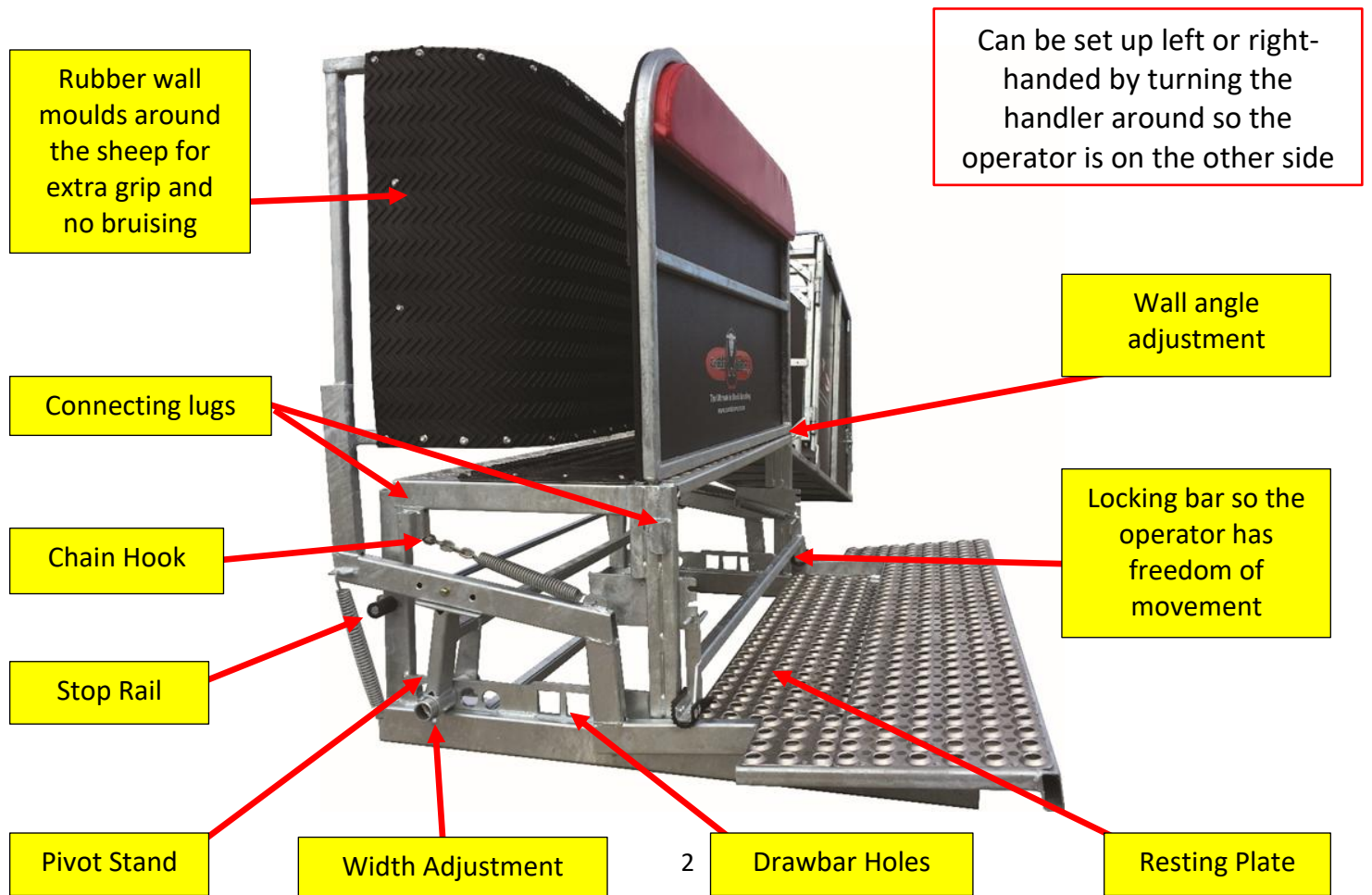
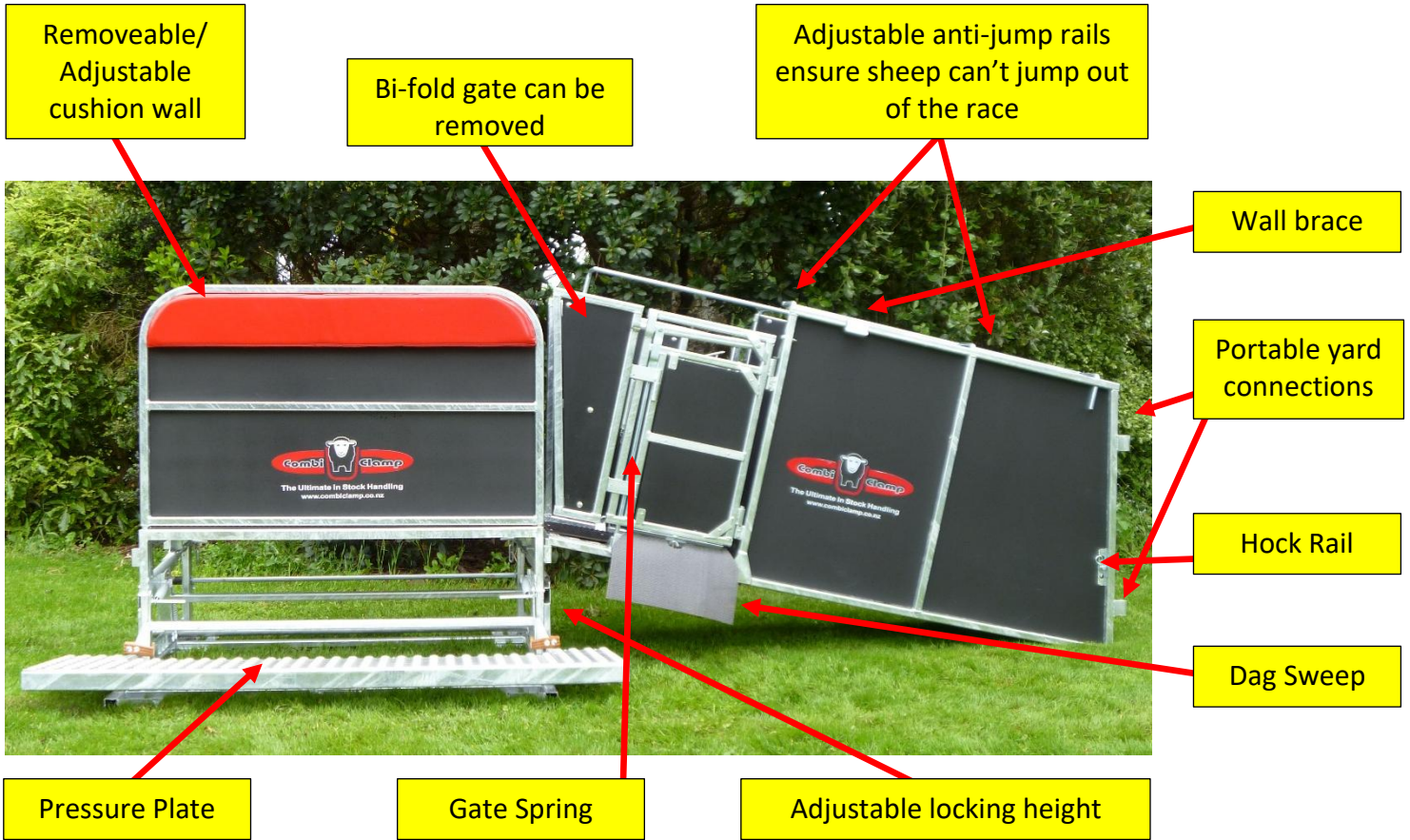
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Scan here for more information and videos on how to best use your Combi Clamp Sheep Handler.

Standard Unit



Setting up your Combi Clamp

Always wear protective footwear when using the Combi Clamp, and always check your surroundings for any potential hazards.

Where best to set up your Combi Clamp

It is important to position your Combi Clamp in a place that enhances stock flow.

- Avoid positioning the handler in a place that faces a wall or fence as these act as a barrier.
- By having processed Sheep collecting in front of the handler, others will naturally follow
- If Sheep will be turning a corner to enter the Combi Clamp, make sure the operator is working on the inside of the curve

Moving and Lifting

When moving your Combi Clamp, use correct lifting procedures and TWO person lift when required

- Lock the handler closed using the locking bar
- Remove significant weight by removing the cushion wall from the handler, and the gates from the approach race
- To load the Standard Unit onto a trailer, tip the handler up onto one end, with the elevated end leaning on the deck. Then lift the handler and slide it on. The approach race can sit on top of the pressure plate. Put the gates back on the race and, ensuring the wall brace is fitted, strop down

How to set up your Combi Clamp

1. Remove the gates of the approach race and place at the end of a single file race
2. Bring the handler in close to the approach race and, standing astride the approach race (where the gates would usually be), lift the race and place hooks into the connecting lugs on the handler
 - If using a curved race, connect the curves to the approach race after it is connected to the handler. Fit the hock rail at the entry to the curves using the long pins provided – this can be flipped for height adjustment
3. Check what the sheep will see when running through the handler and, if you are satisfied that they will run through, replace the gates and cushion wall.
 - Make sure that the cushion wall is angled with a larger gap at the bum of the sheep, creating a V shape, to stop the sheep from inching forwards

Operating Tips

The Combi Clamp can be set up for left or right-handed operation. Simply turn the handler so the operator is on their preferred side of the Sheep. The gates on the approach race come set up for right-handed operation – to switch them, simply hinge the bi-fold gate on the other side of the stop gate and rotate the dag sweep by loosening off the wing nut.

The Bi-fold gate can be removed for easier access when dagging or crutching, providing a gap to use the handpiece through. Unlatch the gate, lift it off its hinges and unhook the spring. When doing this, make sure to cover the gap when changing sheep, to avoid them taking on the gap as an exit point.

Anti-jump rails should be set forward during operation to avoid Sheep jumping out.

- Have the far anti-jump rail forward when working at the back of the Sheep.
- Have both anti-jump rails forward when working at the head of the Sheep.
- **Make every effort to keep your upper body out of the view or path of the oncoming sheep. This improves sheep flow and minimises risk to the operator.**

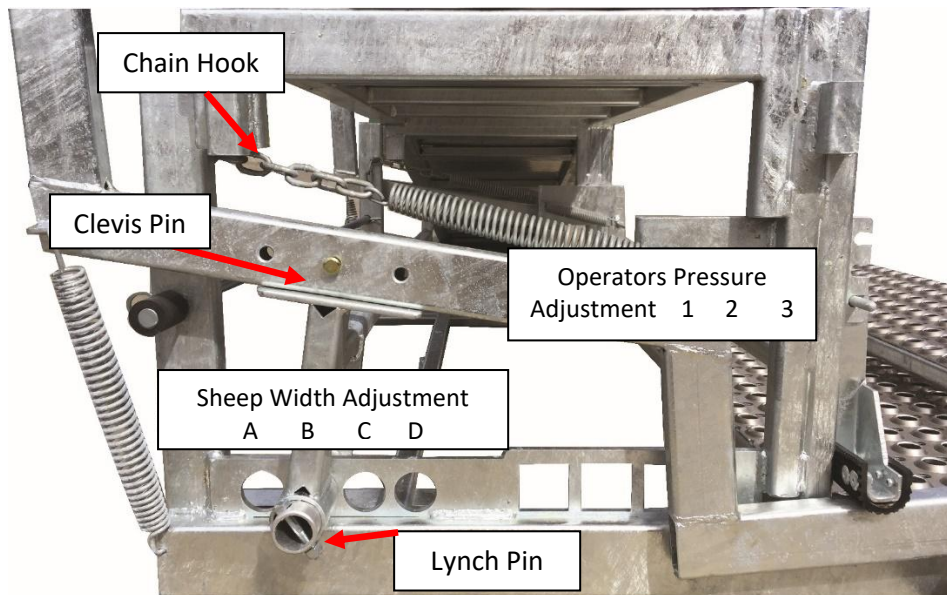
Adjustment for Operator Body Weight and Sheep Size

Factory settings suit the average operator weight (60-80kg) while handling ewes. Before using your handler, you may need to adjust the pressure to suit the weight of the operator.

If you weigh the same as your ewes, then leave the pressure setting on 2

If you weigh considerably more than your sheep, then move to pressure setting 3 (less leverage)

If you weigh considerably less than your sheep, then move to pressure setting 1 (more leverage)



To adjust the pressure

Raise the locking bar, unhook chains from hooks at the rear of the handler and remove clevis pins from the pressure adjustment at each end of the handler. Holding the front edge of the pressure plate, slide it backwards or forwards to line up holes and replace clevis pins.

If no width adjustment is required, replace the spring chains and make sure that there is enough tension to open the clamp but not so much that it bounces.

Width Adjustment

Remove lynch pins at both ends and push tubes out just enough to move the pivot point (hold onto the pressure plate and push or pull). Make sure you are using the same holes at each end, replace the tubes and lynch pins

General Guidelines

Lighter Operator:	1 or 2	A, B, C	Rams to Lambs
Heavier Operator:	2 or 3	B, C, D	Rams to Lambs

Hints

Ideally, you should be catching the average sheep with the pressure plate no lower than 3-5cm above the base plate. This allows for further travel to catch smaller sheep and enough pressure to catch larger sheep. If you are consistently bouncing in mid-air or the pressure plate is bottoming out, you will need to adjust the width. If the sheep are wriggling out even though the pressure plate is at the right height, then you may need to adjust the pressure and width so that you have more leverage

Weigh Gear Instructions

It is important to use the "Access Ramp" when the Combi Clamp is set up on "Weigh Gear" to reduce the trip hazard.



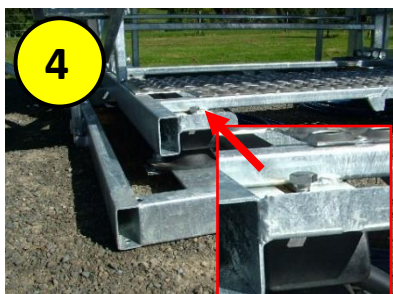
1 Set handler up in position. Roll handler over onto its back and position Weigh Frame against the base of the handler, so the Gadget Holder lugs are facing the rear.



2 Centre the load bars on the base frame, with the cables facing inwards



3 Using bolts with square washers, clamp the load bars to the Weigh Frame with the ridge of the square washer facing outwards. Put on the flat washer, spring washer, and nut loosely until checked for squareness. Tighten bolts using 18mm and 19mm ring spanner. These load bars can now stay permanently on the Weigh Frame.



4 Roll the handler on top of the load bars until the slots on the handler line up with the holes on the top of the load bars. Put bolts in loosely so that you can still slide the handler to line up with the ramp stands



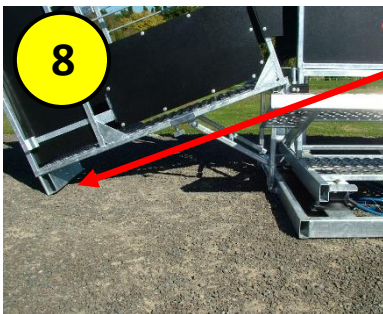
5 Put the ramp stands in place and secure them with pins and rubber rings found on the base frame.



6 Hook the approach race into ramp stand and move the race so there is a 10mm gap showing



7 Lock into position by stretching the hand outwards to fit over the race floor. Tighten wing nut firmly



8 Place draft block under the front of the draft base before attaching to the ramp stand and locking in position



9 Drop the weigh plates into lugs - long plate at the back and short plate at the front.



10 If you have a gadget holder lock it into place using large wing nuts



11 Place the access ramp over the base frame. Replace the gates on the approach race and move either, just the far, or both anti-jump rails forward. Test all gates to make sure they swing clear of the weigh plates

To shift the handler without the weigh gear; undo the top load bar bolts and slide the handler off the load bars

Putting the Combi Clamp on Wheels



1
Remove the gates from the approach race. Place the wheels in the lugs, with the long side of the axle going on the pressure plate side



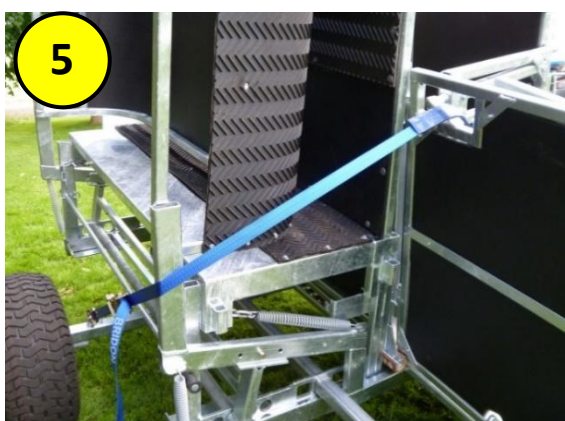
2
Feed the drawbar down through the holes, while holding the axle in place with your knee if needed.



3
Pin the drawbar to the axle. Pull trailer down onto its wheels



4
Using the wheel as a pivot point, put the race onto the handler. Make sure the wall brace is in place under the anti-jump rails at the hinge end of the race



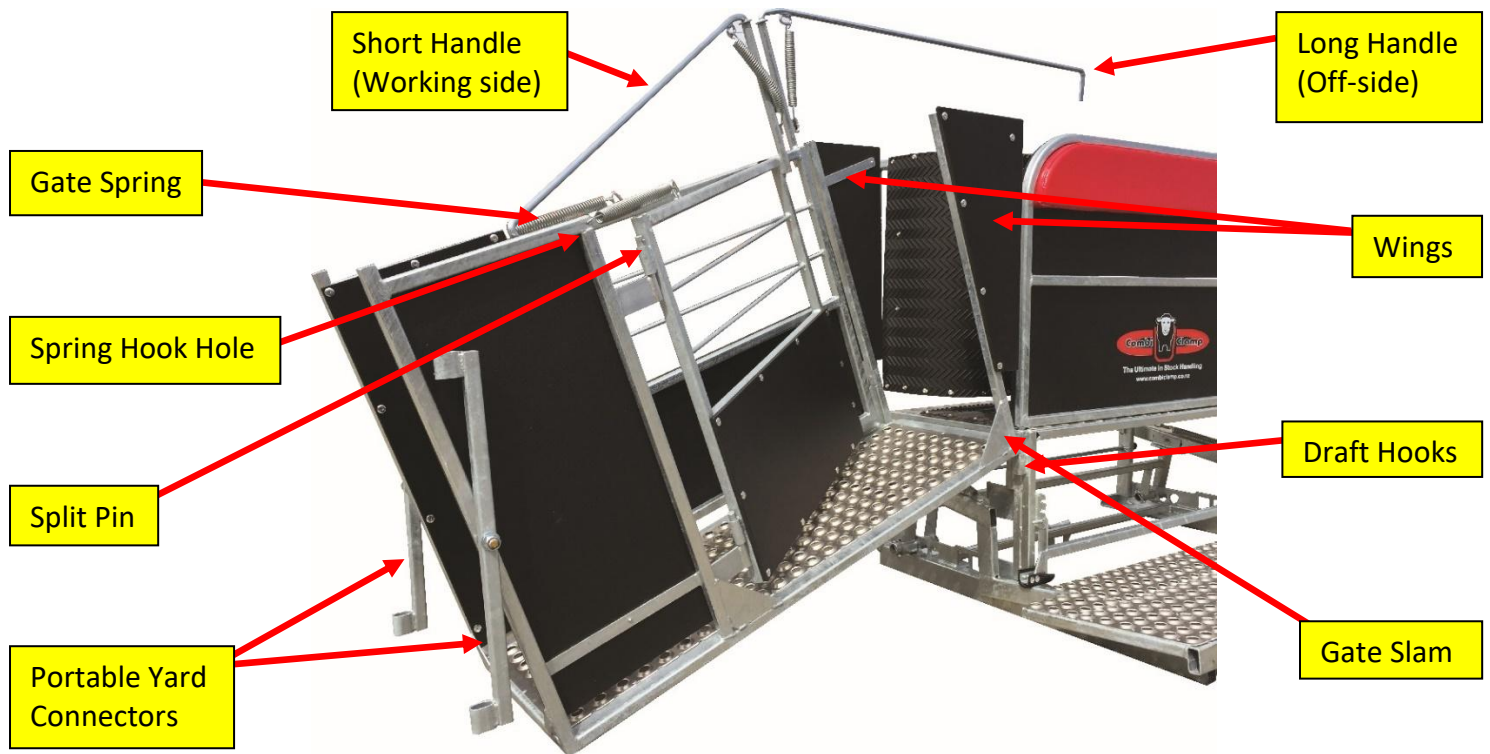
5
Replace gates and put the tie-downs in place. The front strap goes through the gate handle and ratchet handles at the rear of the handler



6
Now you're ready to go!

(If you're using a Three-Way Draft, place this upside down over the clamp. Curved races can go upside down in the open clamp, before locking it down and placing the race on.)

Three-Way Draft



Attaching Gates

Plastic cladding and handles always go on the outside

- Whilst holding the gate at a right-angle outward to the draft base, insert the hook on the gate spring into the hole at the top of the draft wall
- Lower the gate just slightly onto the hinges. Without the gate dropping any lower, swing the gate around until the bottom edge clears the gate slam then push the gate all the way down.
- Insert the split pin and bend the ends around to hide the sharp ends.

Extension Handles

- The long handle goes on the far gate. The short handle goes on the near gate
- Swing the draft gate inwards so that you can place put your foot on the floor. Insert extension handle spring into the chain link welded at the front of the gate handle.
- Hold the extension handle firmly near the spring and, with the far end of the handle lowered down, insert the handle into the top of the gate handle and lift the other end of the draft handle until it drops into place. (Repeat for the other gate)
- The extension handles can be swung around out of the way and hooked inside the draft wall

Wings

- These go in with the plastic cladding on the outside, and the straight edge against the gate
- Remove the near wing when working at the front of the sheep e.g., mouthing, drenching, front feet
- When using the draft on its' own, sitting flat on the ground, you will not need the wings

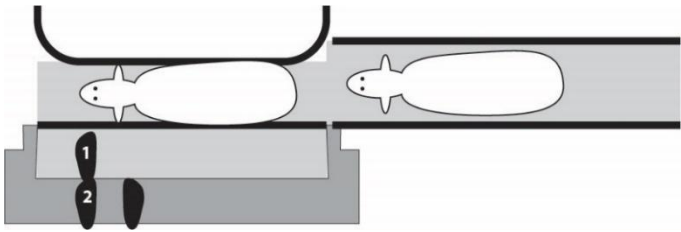
Portable Yard Connectors

- Swing the portable yard connectors around as in the photo above. Connect to portable yards with a long pin. In permanent yards connect securely to posts

Foot Positions for Operation

(Reverse Foot and Handler Positions for Left-Handed Operation)

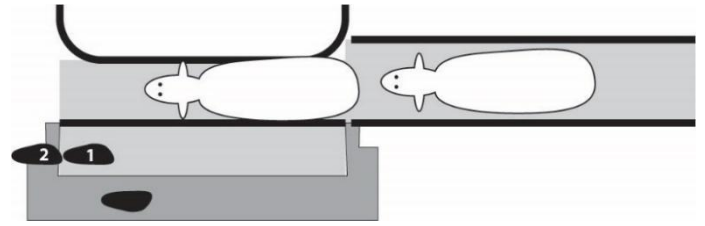
Always use solid protective footwear when using your Combi Clamp.
Avoid placing your toes under the edge of the pressure plate.



Weighing/ Vaccinating/ Capsuling

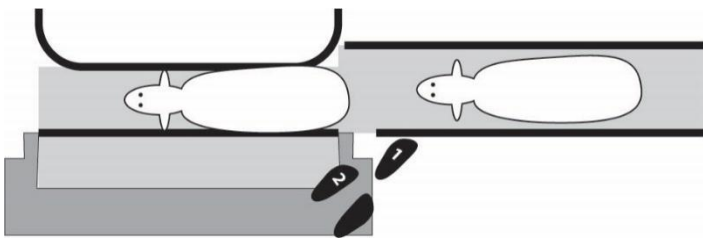
Start with your weight on your left foot (1), and let the Sheep enter the handler. Apply weight to the pressure plate with your right foot to catch the Sheep. Once caught you can shift your left foot onto the pressure plate for an even stance.

To capsule, place your free hand under jaw of sheep. Place the elbow of your applicator arm against the sheep's ear. As you raise the Sheep's head to straighten their neck, pop the applicator in the side of the mouth and down the throat of the sheep. Release capsule and slide applicator out again. Reload the applicator while you release sheep and catch the next one.

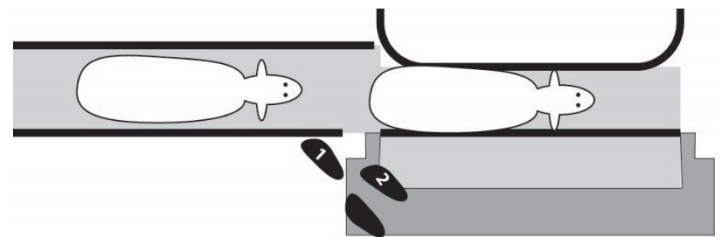


Drenching and Mouthing (Right-Handed)

Remove near wing on three-way draft. Stand facing oncoming Sheep with weight on your left foot (1). Hide left arm behind yourself as the Sheep enters. Catch Sheep in the first half of the handle by applying weight to the pressure plate with your right foot. Once caught, shift left foot to position (2), swing arm through the front of the handler and under the jaw of the Sheep. Drench. Once drenched, let the Sheep go, ushering it out of the clamp with your hand on its' back, allowing it to carry your hand until you can hide it back behind yourself through the gap where the draft wing was.



Dagging and Crutching (Right-Handed)



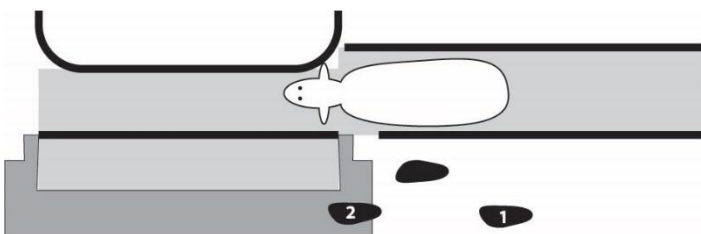
Dagging and Crutching (Left-Handed)

Remove the bi-fold gate when dagging ewes. That way you can dag through the gap without closing the stop gate between each Sheep
Leave the bi-fold gate on when dagging young lambs. The bi-fold gate can be opened outwards slightly if you do not want to close the stop gate

The Handpiece can be left running continuously – No need to turn it off and put it down between each Sheep.

Stand with the inside foot (1) in front of the handler and rest the toes of the outside foot on the edge of the pressure plate.

When the Sheep enters, shift your weight back onto the outside foot, then step back onto the pressure plate with your inside foot (2). Lean your hip against the cushion and use your free hand on the tail of the Sheep to make it stand up. To adjust the position of the Sheep forward, take a little weight off the pressure plate whilst squeezing the tail. To back Sheep up, walk along the pressure plate to the front of the Sheep. Place your hand under the jaw of the sheep whilst tapping the pressure plate with your foot so that you keep control of the sheep and adjust in small increments. Reach out with your handpiece to block the gap at the gate whilst you're at the front.



Chasing Sheep up into the Handler

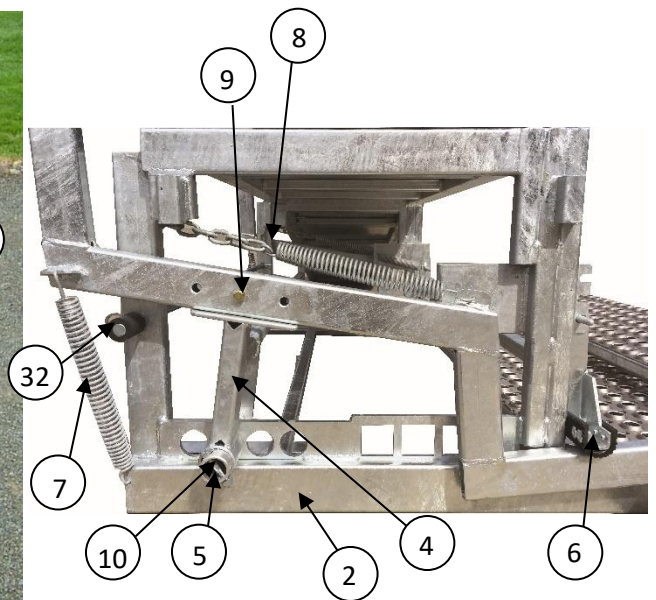
Lock the handler closed to avoid the Sheep running straight through the handler if they beat you. Walk along behind the Sheep with your hand on their tail until they reach the handler. Without taking pressure off the sheep, unlock the handler with your feet and ease the Sheep into the handler. Put full weight on the pressure plate once the Sheep has reached the ideal position.

Tip for best operation

Once the Sheep is caught in the handler, put both feet on the pressure plate for an even stance. This will prevent getting a tired leg from holding the pressure plate down.

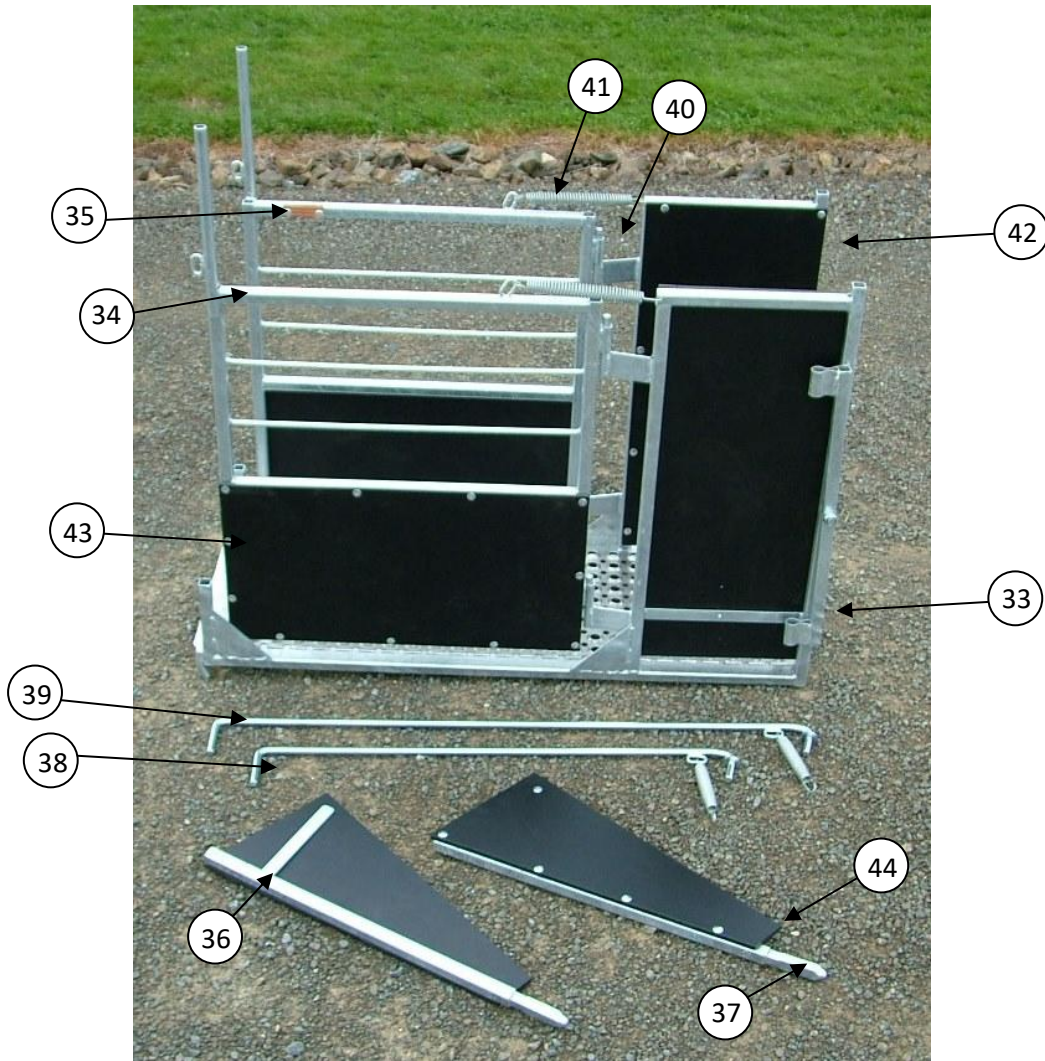
Standard Unit

#	Code	Name	#	Code	Name
1	SU1	Clamp Section	17	SU17	Bi-fold gate
2	SU2	Handler base	18	SU18	Stop Gate
3	SU3	Cushion Wall	19	SU19	Dag Sweep with 10mm wing nut
4	SU4	Pivot stand	20	SU20	Big Gate
5	SU5	Pivot tube (each)	21	SU21	Big Rubber
6	SU6	Locking bar	22	SU22	Handler floor rubber
7	SU7	7" tramp spring (each)	23	SU23	Cushion wall rubber
8	SU8	7" tramp spring with chain (each)	24	SU24	Approach race rubber
9	SU9	clevis pin	25	SU25	Red Cushion
10	SU10	tractor clip	26	SU26	Cushion wall plastic
11	SU11	Approach race	27	SU27LH	Approach race wall plastic - left
12	SU12	hock rail	28	SU28RH	Approach race wall plastic - right
13	SU13	4mm R-clip	29	SU29	Big Gate plastic
14	SU14LH	Anti-jump rail - left	30	SU30	Stop gate plastic
15	SU15RH	Anti-jump rail - right	31	SU31	Bi-fold gate plastic
16	SU16	Wall brace	32	SU32	Stop rail



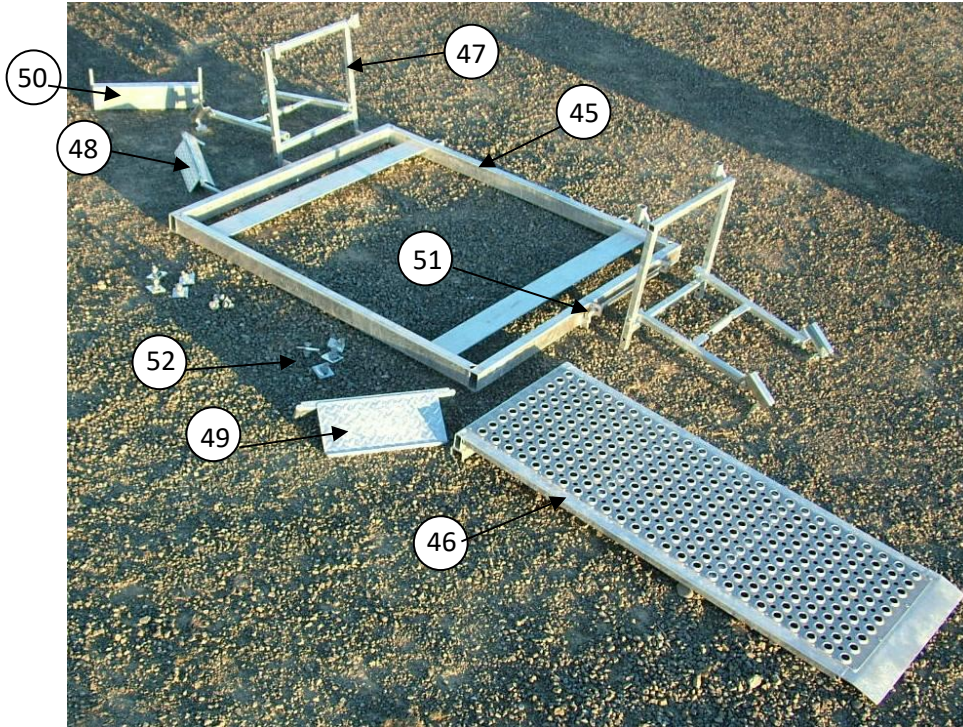
Three Way Draft

#	Code	Name	#	Code	Name
33	3WD1	Draft base	39	3WD7	Handle - long
34	3WD2	Gate - left	40	3WD8	Split pin
35	3WD3	Gate - right	41	3WD9	7" tramp spring (each)
36	3WD4	Wing - left	42	3WD10	Wall plastic (each)
37	3WD5	Wing - right	43	3WD11	Gate plastic (each)
38	3WD6	Handle - short	44	3WD12	Wing plastic (each)



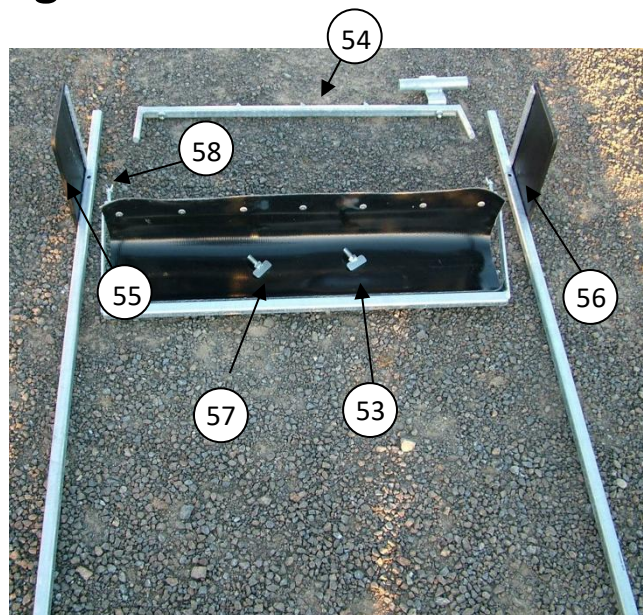
Weigh Gear Attachments

#	Code	Name	#	Code	Name
45	WG1	Base frame	49	WG5	Plate - long
46	WG2	Access Ramp	50	WG6	Draft block
47	WG3	Stand (each)	51	WG7	Stand pins (each)
48	WG4	Plate - short	52	WG8	Fasteners (set)



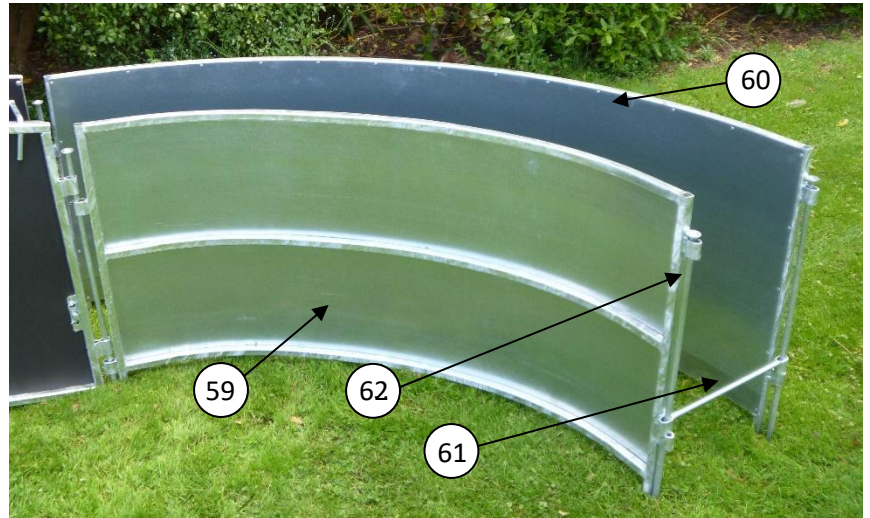
Gadget Holder

#	Code	Name
53	GH1	Trough
54	GH2	Indicator bar
55	GH3L	Leg - left
56	GH4R	Leg - right
57	GH5	Wing Bolt (each)
58	GH6	Wing Nut (each)



Curves

#	Code	Name
59	CRV1	Small curve
60	CRV2	Large curve
61	CRV3	Hock rail
62	CRV4	Pin (each) 4 per set



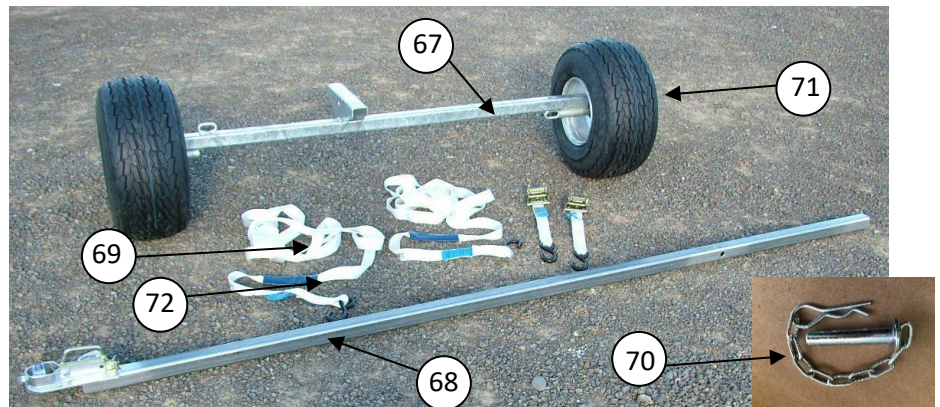
Sheep Anti-Backing Ramp

#	Code	Name
63	SHR1	Ramp
64	SHR2	Stand
65	SHR3	Fasteners (set)
66	SHR4	Rubber



Wheel Attachments

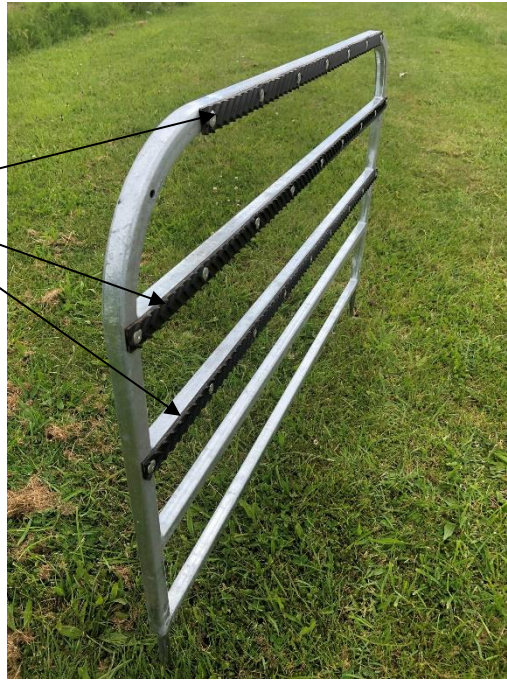
#	Code	Name
67	WHL1	Axle
68	WHL2	Drawbar
69	WHL3	Tie down (each)
70	WHL4	Pin with R-clip
71	WHL5	Rim and Tyre (each)
72	WHL6	Lay Flat (each)



Wool Classing Wall

#	Code	Name
73	WCW1	Rubber (set)

73



Lamb Cushion Wall

#	Code	Name
74	LCW1	Cushion
75	LCW2	Rubber
76	LCW3	Plastic

75

74

76

