

Prattley

ANIMAL MANAGEMENT SYSTEMS

14' MOBILE ALLOY SHEEP YARD

User Manual



World leaders in light weight, automated animal handling equipment

Please ensure you read through this manual thoroughly before commencing use. It is important to keep this manual in a safe place where the operator can refer to it and understand the operating principles.

All users should read the manual in full and understand the safe operating principles of the yards.

Table of Contents

Operating your winch safely

Safety instructions	3
Maintaining your winch	4
Inspection and service log	4

Getting to know your Prattley Sheep Yards

14' Mobile Sheep Yard	5
Major parts	5
Unpacking your yards	6
Packing up your yards	6
Spare parts	7

Sheep yard design and safe sheep handling	8
Sheep yard layout	9

Setting up your yards

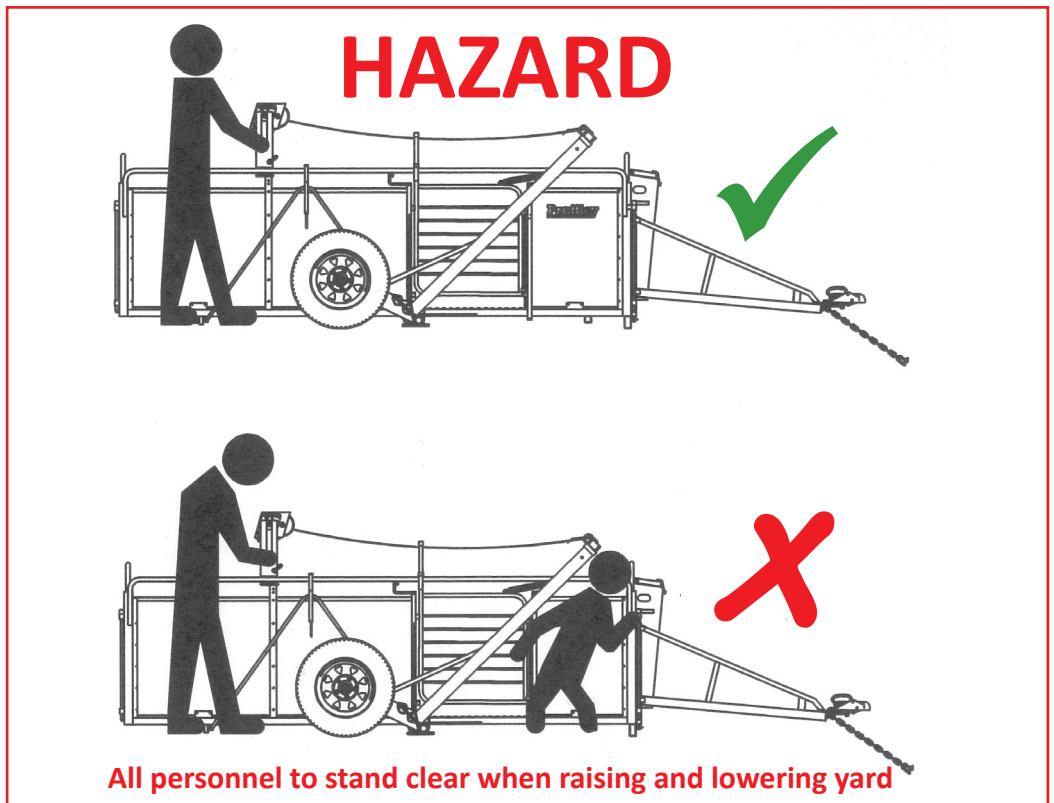
Gates and L Posts	10
Couplings	11

Transporting your yard	12
Yard specifications	13
Safety tips	14
Warranty	15

Safety Instructions

Regular inspection of your Winch will have a twofold result by ensuring the unit is suitable for safe operation and will assist with extending the operating life of the unit. The following safety instructions should be performed both prior to, and after every use.

- Only competent persons should operate the brake winch and should have read the instruction manual and understood the operation of the device before its use.
- Check the winch before use - never use a defective winch.
- Ensure that the winch handle is secured and fitted correctly.
- Ensure the rope or strap is wound in the correct direction onto the drum.
- Inspect the unit for any missing parts before and after every use.
- When covered the winch is protected from the elements and will provide longer service.
- Ensure the winch is cleaned periodically as outlined in the Maintenance Section.

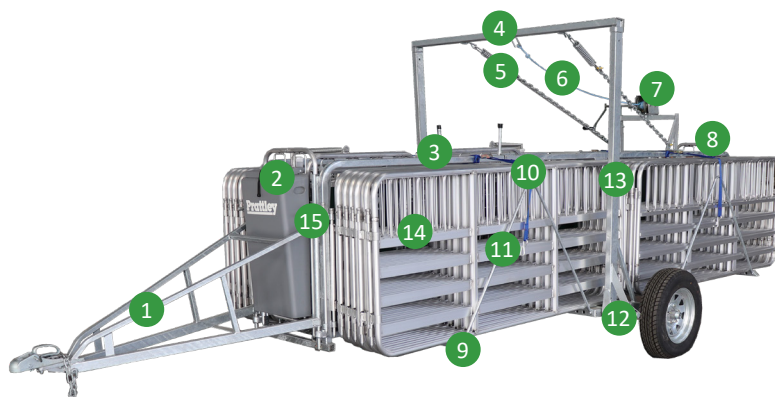


14' Mobile Sheep Yard

- Prattley's mobile sheep yards can be easily transported, assembled and operated, by one person.
- The mobile sheep yard is versatile and can be taken anywhere on the farm for on-the-spot drenching, crutching, moulting, tagging, docking and fly strike and any general animal treatment.
- The mobile unit allows the operator to utilise the direction of sunlight and wind to ensure a natural stock flow through the yard.
- This gives practical results such as faster animal flow, saved time and travel, reduced fuel and labour costs,
- lower risk of infection from dusty tracks, less stress on the animal etc, therefore maximising farm management

MAJOR PARTS

- | | |
|--|-----------------------------|
| 1. Drawbar | 8. Drop-in gate |
| 2. Toolbox | 9. Gate support |
| 3. Handling race / Inside of handling race | 10. Gate retaining strap |
| 4. Stabiliser bar | 11. Gate retainer 'A' frame |
| 5. Suspension chain, springs and hook | 12. Yard axle |
| 6. Winch strop | 13. Wheel arms |
| 7. Safety winch | 14. Gates |
| | 15. Drawbar pins |



- Always tow Prattley Mobile Yards as close as possible to where you wish to set up and be sure to set up the unit on a level, flat surface.
- If moving the unit manually on a non-level surface, we recommend that two people assist, providing sufficient support to stop the unit from rolling.
- Keep in mind the Prattley Sheep Yards DO NOT have brakes. Use wheel chocks to secure the wheels before unhooking from the vehicle.

Unpacking your Prattley Sheep Yards



- Ensure people have their feet etc out of the way when lowering to the ground to avoid crush injuries.
- Ensure all animals and children are clear of the yards while lowering the yards to the ground.
- Read winch operating instructions before use.

- Wind up winch in a clockwise direction, so suspension chains are slack.
- Disconnect suspension chains from the stabiliser bar, hook chain on back of winch stand, then wind winch in a counter clockwise direction to let the yard down.
- Remove winch strop from stabiliser bar, then wind strop up in a clockwise direction.
- Remove pins from stabiliser bar, then remove stabiliser bar from wheel arms.
- Unpin wheel arms and slip them off the yard axle.
- Unpin drawbar and take off drawbar.
- Undo gate retaining strap on gate, then spring the gate retainer 'A' frame to the remove from axle and gate support.
- Pull gates out, by selecting the first gate and slowly walking away from the yard. Leave all gates connected while forming a pen.
- Slide winch stand off yard frame.
- Set yard and drench race up to suit the numerous jobs the Prattley yards is designed to do. (forcing pen, lamb pen etc.) See enclosed drawings showing the various yard options.

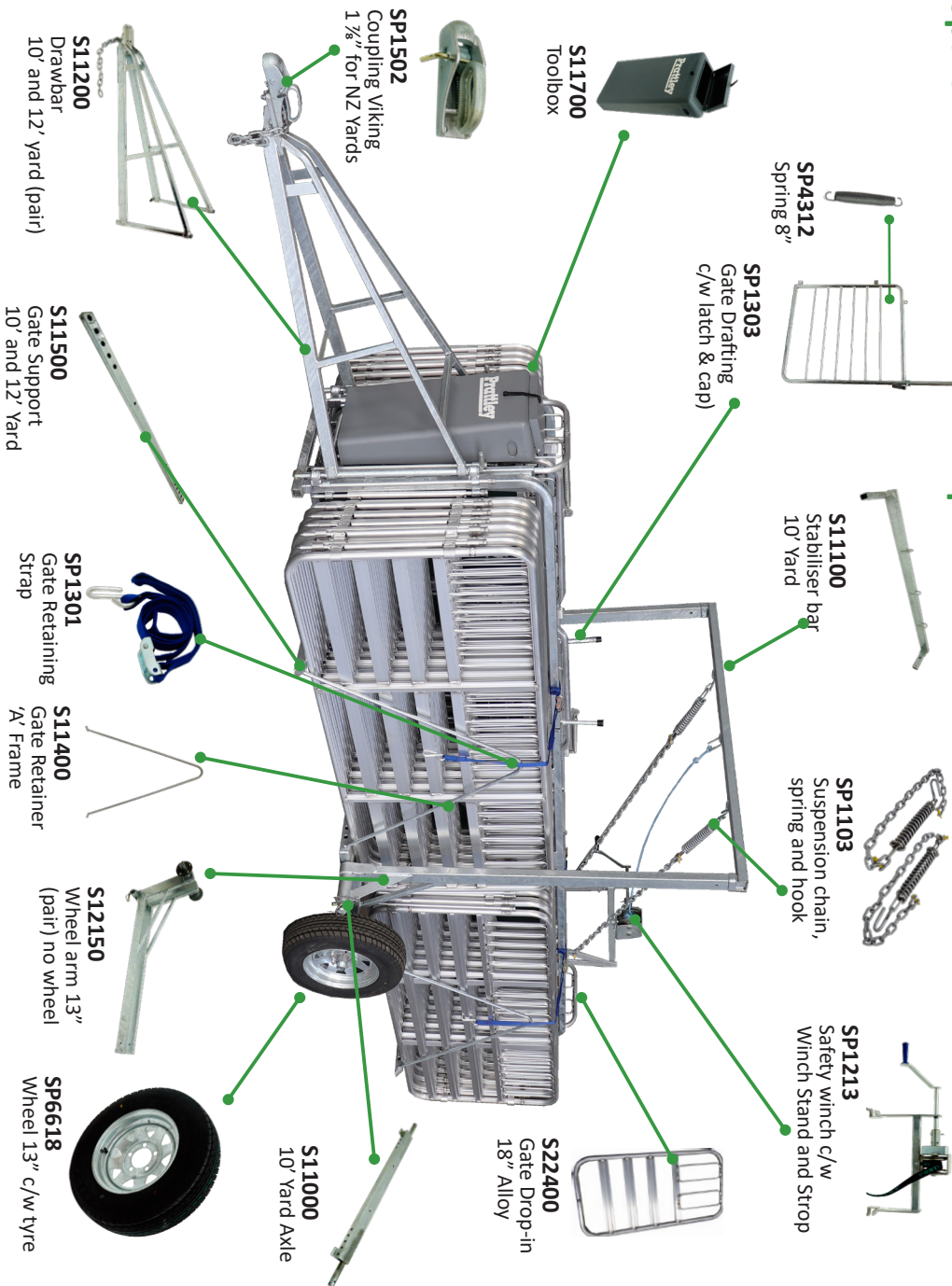
Packing up your Prattley Sheep Yards



- When packing gates up after finishing, ensure no one has the fingers between gates as they concertina back into each other.

- Slide winch back on.
- Starting from the end gate slowing concertina the gates back up, being careful that your fingers don't get trapped.
- Spring gate retainer 'A' frame back between the yard axle and gate support, then ensure straps are done up tight to hold gates firmly as they are being transported.
- Pin drawbar back on.
- Side wheel arms back onto the yard axle and pin axle on securely.
- Fit stabiliser bar back on.
- Hook strop back onto stabiliser bar.
- Winch yard up in a clockwise direction until suspension chain and springs can hook back on the stabiliser bar.
- Back winch off in a counter clockwise direction, so the strop is slack for transportation (all the weight should be on the springs for transportation, not the winch).

Spare Parts - 14' Mobile Sheep Yard



Sheep Yard Design

Well-designed and well-maintained yards make it a lot safer, not to mention easier, to handle sheep. When setting up your Prattley Sheep yards consider these principles of sheepyard design.

Ideally, the site should be level and located on a raised area. Think about the prevailing wind that can carry strange smells and noises, making handling more difficult.

Choose a site with a slight uphill gradient, good drainage and dry ground.

Orientation

Think about the main flow. A good design will 'draw' livestock through smoothly. It's better if sheep are not moved with low sun shining directly into their eyes.

Keep Up Your Maintenance Plan

Safe Sheep Handling

Working with sheep in the yards presents a number of hazards.

The sheep are penned more closely together and this makes them agitated. They can potentially charge people, or people can become jammed between sheep and fences. Sheep can also step on toes, causing bruising and breaking bones.

Factors that increase the risks:

- agitated sheep
- inexperienced handlers
- infrequently-handled sheep – sheep can be more difficult to handle if it's their first time in the yards or they're in new yards.

Before yarding sheep, make sure the yards are free of rocks, rubbish and other debris that could cause trips. Remove sharp objects that could injure people or frighten livestock.

- Rocks, rubbish and debris can cause tripping injuries. They also disturb stock movement.
- Check layout of yard and know how things work before you take the sheep in.

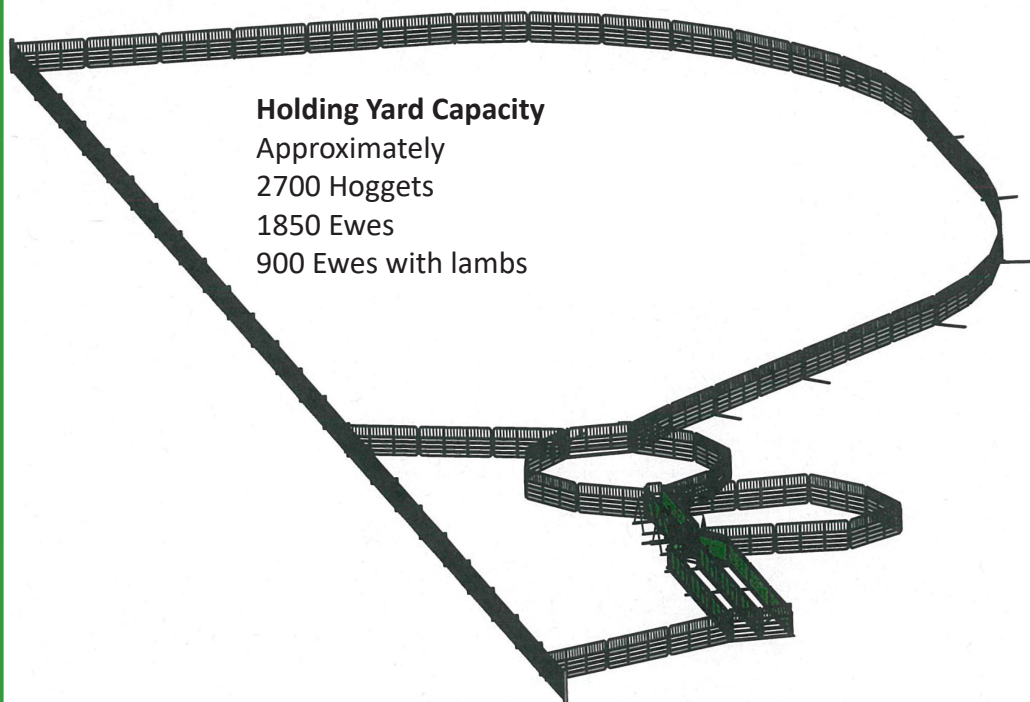
To help the sheep calm down, leave them in the yards for about 30 minutes before working with them, if possible.

Calm sheep are more likely to move smoothly through the yard and less likely to move abruptly or charge gates, or people.

To keep sheep calm:

- Handle stock quietly and calmly – don't be unnecessarily aggressive.
- Make sure the animals can hear and see you.
- Do not use electric prodders.

Layout for the 14' Mobile Sheep Yard



Holding Yard Capacity

Approximately

2700 Hoggets

1850 Ewes

900 Ewes with lambs

- 52 7' x 36" Alloy Gates
- 1 Diamond Gate
- 10 L Post
- 1 Double lane, three section handling race

Gates

The gates are designed to be matched as lugs to built in socket, not lug to lug. The lugs are designed to fit either side of the built in socket to allow the gate to swing with ease to assist with setting and packing up your pens.



Always match gates up with lugs to built in socket, using the long pin to connect.

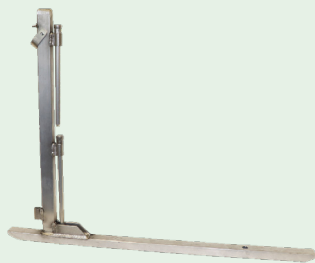
As the lugs are on the same level if they are matched together, one gate will be uneven against the ground and eventually the lugs will be damaged and may snap, due to undue stress on the weld



Never match gates up with lugs to lugs unless using a 2-way coupling.

L Posts

Prattley recommend positioning a L Post at every 4th gate. This will assist with stability of the pens, especially when the gates are changing direction and at pressure points.



L-Post complete with two short pins.






- Slide the L post between two joining gates.
- Lift the gates slightly and position the bottom of the pin into the pin holder.
- Place the loop over the top of the pin.

Couplings



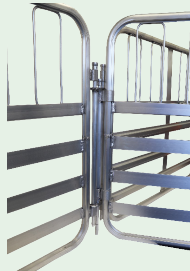

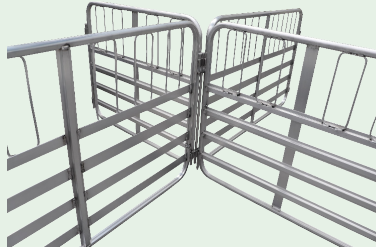
2-Way Coupling

To connect the gates lug to lug, use a 2-way coupling.

		
<p>2-way coupling.</p>	<p>Place the 2-way coupling between the lugs of the gates.</p>	<p>Secure the 2-way coupling to the gates using 2 pins.</p>

Multi-Way Coupling

The multi-way coupling is used to add gates into a system to create extra pens.

		
<p>Multi-way coupling.</p>	<p>Attach the multi-way coupling to the gates using 2 pins, leaving the middle hole free.</p>	<p>Connect the third gate with a pin using the middle hole of the multi-way coupling.</p>
	<p>Place the built in lug of one gate between the coupling, place the lugs of the other gate over the coupling.</p>	
		<p>Connect the gates with a pin using the middle hole of the multi-way coupling.</p>

Hitching the Sheep Yards to a vehicle

- Maneuver the vehicle to align the tow ball with trailer coupling
- Secure coupling to tow ball and secure safety chain

Towing vehicle:

- Ensure the vehicle you are towing with has the correct rating to tow the yard.

Before you begin towing, check the following:

- Check the towing connection and safety chain or cable that holds the trailer/vehicle is secured safe and strong.
- Ensure the brakes on your car, and on the trailer (if fitted) are working
- Check tyre pressures on the trailer.
- Check all stops, tie-downs, ropes and bungee cords are connected and tight

Towing Tips

- Allow for the extra width and length of a trailer and allow for its tendency to “cut in” on corners and curves.
- Allow for the increased effects of cross winds and uneven ground on the vehicle trailer.
- Allow for a longer stopping distance.
- Engage a lower gear in both manual and automatic transmission vehicles when traveling downhill to increase vehicle control and reduce strain on brakes.
- Look at least eight seconds ahead to give yourself plenty of time to react.
- It is strongly recommended to reverse with a person watching the rear of the trailer. It is a difficult task and will take practice.
- You must take extra care when towing a trailer or another vehicle. This is because, with the extra weight behind the towing vehicle, your combination vehicle may be less stable while cornering and may take longer to stop.

Additional Tips

- Speed – Check with your Country’s Road / Traffic Authority regulations
- Off road – Use extra precaution when you take the machine off road.
- Highway – Check with your Country’s Road / Traffic Authority regulations
- Can be towed as a farm implement.

Please note: Please check regulations for towing a farm implement with your Country’s Road / Traffic Authority prior to towing on public roads.

14' Mobile Sheep Yard

S01400	14' Yard mobile unit	x	1
S20500	Gate alloy 7' x 36" c/w pin	x	52
S22200	Gate diamond c/w post	x	1
S23700	Post L alloy c/w 2 short pins	x	10

Handling Race - double lane, 3 section long

S25700	8' x 36" Filled panel (standard) c/w 2 pins	x	9
S25400C	4' x 36" Filled panel c/w coupling and 2 pins	x	2
S23100	Spreader Intermediate 33" W	x	3
S28000	Post Back 33" W c/w two gates and 2 pins	x	1
S21600	Gate Alloy Swing 33"	x	1

Safety Tips



- Ensure people have their feet etc out of the way when lowering to the ground to avoid crush injuries.
- Ensure all animals and children are clear of the yards while lowering the yards to the ground or using the winch
- Follow all winch safety procedures
- Do not lift heavy items unassisted
- Take care when working with livestock. Livestock may behave unexpectedly.
- Follow the towing instructions and ensure you know your Country's Road / Traffic Authority regulations

Prattley

ANIMAL MANAGEMENT SYSTEMS

PRATTLLEY INDUSTRIES LTD

2B King Street, Temuka 7920, NZ

P O Box 109, Temuka, 7948, NZ

Phone +64 3 615 9545

Toll Free 0800 45 00 00 (NZ only)

Email prattley@prattley.co.nz

Website www.prattley.co.nz

Warranty Policy

Please read this warranty carefully.

Attach your purchase receipt to this warranty and keep in a safe place.

When you purchase any new Prattley Animal Management Systems you will receive for a period of one (1) year, from the date of purchase, a Manufacturers Warranty covering parts for repair of any defects or manufacturing faults.

You must produce both this warranty and proof of purchase in the event of a warranty claim being required.

Warranty Coverage Relates to

- any defects or faults in the items or products purchased that are not as a result of normal wear and tear
- Any product failure, including defective materials or broken parts that disable the machine in anyway
- Costs directly associated with repairing or replacement of the defect only

Exclusions and Limitations

- Any works required to be completed in addition to fixing the defect are the responsibility of the customer.
- Additional works include any modifications, disassembling and reassembling that are not related to the 'said' item.
- Act of God
- A defect that arises from use that is other than fair wear and tear.
- Damage sustained while in transit or on the Merchants premises.
- The warranty does not cover minor cosmetic damage.
- Unauthorised repairs, modifications, alterations, negligence, uses of the product in an abnormal manner or not maintaining in accordance with the manufacturers instructions as provided with the product.
- The warranty does not cover consequential loss or damage howsoever arising.

The Customer will

- Provide prompt notification to Prattleys of any defect or failure.
- Provide proof of purchase, date of purchase, supplier and any serials numbers if known

Prattleys will

- Assess all claims, and at its discretion, repair or replace the 'said' item
- Will return the "said item" to the customer at its cost once it has been determined there was a defect/fault, due to no fault of the customer
- After approving any claim for defects, Prattleys' will also be responsible for the return costs of the repaired or replaced 'said' item to the customer.

In the event that the yards are not installed or used strictly in accordance with the Sheep Yard User Manual, or mistreated the Warranty will be Void.

Supplier: _____

Serial No: _____

Date: _____

Prattley

PRATTLEY INDUSTRIES LTD
2B King Street, Temuka 7920, NZ
P O Box 109, Temuka, 7948, NZ

Phone +64 3 615 9545
Toll Free 0800 45 00 00 (NZ only)

Email prattley@prattley.co.nz
Website www.prattley.co.nz