Prattley

ANIMAL MANAGEMENT SYSTEMS

4.2m SHEEP CONVEYOR WITH TRAILER
4.2m and 5.2m MOBILE SHEEP CONVEYOR
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 conveyor.

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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 mobile conveyor while lowering the mobile conveyor 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

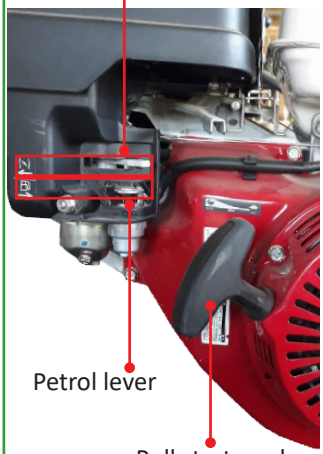
- Check the petrol and oil in the Honda 9HP.
- Attach the hydraulic hoses to the engine and the conveyor. When not in use always plug hoses into each other to keep clean.
- Adjust the width to suit the size of the animals using the machinery stand winders on the front and back.
- Ensure the control lever on the ***valve bank*** on the conveyor is in neutral.
- Turn on the petrol on the Honda as well as the choke.
- Pull start the engine - when it starts, disengage the choke.
- Engage valve bank into gear to move the belts, adjusting the speed required with the ***flow control knob.***
- ***Note***: Never put your hands behind the belts and rollers when in use.
- After use place valve bank in neutral before turning the motor off.
- Wash down after use.

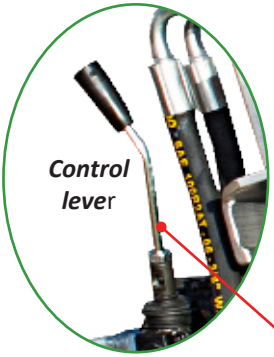
* see next page for valve bank and flow control knob instructions

Power Pack 2.1LPM @ 3600RPM maximum
Pump pressure is set to 2000PSI



Change filter in hydraulic tank annually.





Valve Bank

Push/Pull the lever to change the direction of rotation of the conveyor belt.
The middle position is neutral. The conveyor won't turn at.





Flow Control Knob

Turn the knob so it winds inward to reduce the oil flow and slow the conveyor down.
To set the speed, part turn the inner knob in the opposite direction to lock the main knob.

- Designed to maximise throughput times and reduce labour costs.
- Efficient processing of stock reduces animal stress, yard-time and time off the grass too reduce growth rate check.
- Non slip perforated alloy working platform on both sides allows safe efficient and safe treatment of stock.
- Fits onto the end of any drenching race.
- Variable speed and adjustable width to process both lambs and bigger ewes.
- Light weight, mobile trailer allows the option to process sheep at multiple yards around a property (subject to track access).

MAJOR PARTS

1. **Entry Ramp Stock Conveyor - S05032**
2. **Belts - F33131**
3. **Wear strips - SP1557**
4. **Track - F33129**
5. **Drive roller pair exchange - S05077 x 2**
6. **Exit Ramp Stock Conveyor - S05029**
7. **Handle machinery stand- SP1558**
8. **Filter housing conveyor - SP1554**
9. **Filter tank top element - SP1555**
10. **Spanner comb metric 18mm - SP1566**





Honda 9HP Power Pack



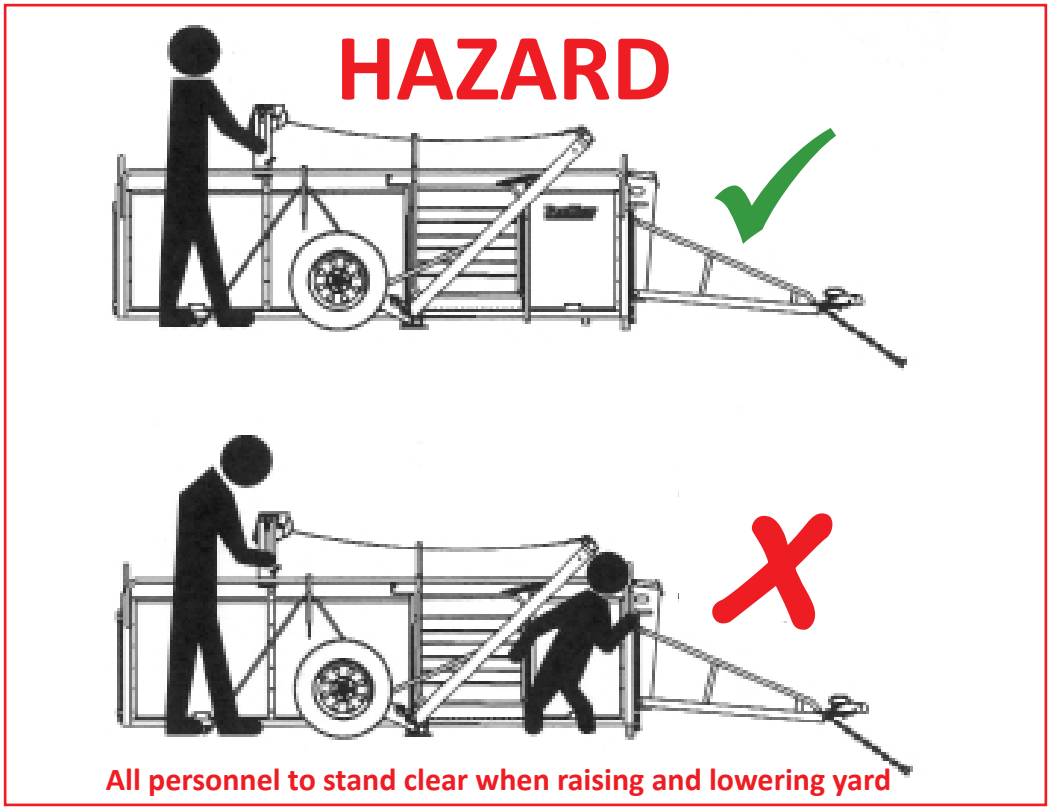
- Site conveyor in working position.
- Adjust the machinery stand on each corner to level the conveyor.
- Remove power pack. Place away from the conveyor and connect hoses.
- Fit front ramp and hold down with strops supplied to hold the engine on conveyor frame.
- Fit entry ramp and make sure pad bolts are engaged and that the rubber flaps are on the outside of the roller.
- Remove and fit walk ramps at either side of entry ramp of conveyor.



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.



Maintaining your winch

Maintenance is the responsibility of the owner/operator. Regular maintenance is vital in up keeping the efficiency of the brake winch and also maximises its lifetime.

- Only authorised personnel should undertake to do repairs and servicing.
- Periodically replenish lubrication points.
- Prevent oil or grease entering the brake mechanism.
- Regularly inspect the ratchet gear for wear or deformation.
- The brake pawl and spring should be checked for wear.
- Brake lining and friction discs should be checked for wear or damage.
- All circlips should be free from deformation and correctly seated in their grooves.
- Main spline shaft must be free from damage.
- Ropes, straps, drum and anchorages fully inspected for wear.
- Winch frame should be free from corrosion or damage.

Inspection and Service Log

Date	Notes	Authorised Signature

- Cantilever wheel arms on 13” wheels (stationary option available)
- Petrol power pack 9HP Honda motor
- Option of twin foot controls
- Light and easily transportable
- Variable speed and variable width
- Excellent for ear tagging, mouthing,
- Drenching, vaccination, inoculation and capsuling



Stationary Unit

4.2m and 5.2m Mobile Sheep Conveyor

MAJOR PARTS

1. Mobility - S05261
   - includes drawbar, axle and stabiliser
2. Exit Ramp - S05238
3. Belts - F33131
4. Drive Roller pair (exchange) - S05077 x 2
5. Wear strips - SP1557
6. Track - F33129
7. Suspension chain, springs and hook - SP1103
8. Nylon winch rope - SP1108
9. Safety winch - SP1215
10. Wheel arms - S12150
11. Optional knee control 4.2m - S05083
    Optional knee control 5.2m - S05383
12. Handle - SP1558
13. Wheels - SP6618
14. Entry Ramp - S05227
15. Filter housing conveyor - SP1554
16. Filter tank top element- SP1555
17. Spanner comb metric 18mm - SP1566



Honda 9HP Power Pack



Spanner

Mobile Unit

Setting up your 4.2m and 5.2m Mobile Sheep Conveyor



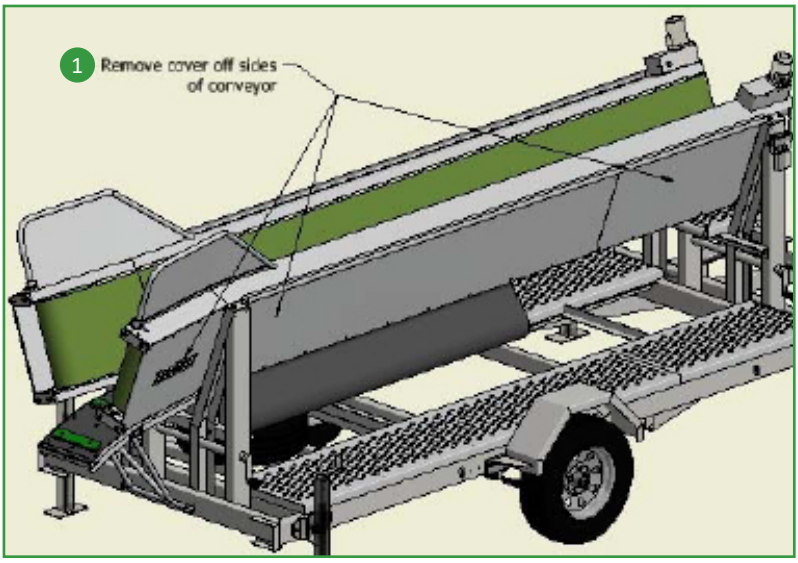
- Ensure people have their feet etc out of the way when lowering to the ground to avoid crush injuries.
- Ensure all animals and children are clear of the conveyor while lowering the conveyor to the ground.
- Read winch operating instructions before use.
- Never put your hands behind the belts and rollers when in 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 conveyor down.
- Remove winch nylon rope from stabiliser bar, then wind nylon rope up in a clockwise direction.
- Remove stabiliser bar from wheel arms.
- Unpin wheel arms and slip them off the conveyor axle.
- Unpin clips holding axle and slide out axle.
- Unpin drawbar and take off drawbar.
- Unpin winch stand, slide out of frame.
- Clip entry ramp and exit ramp to conveyor.
- To alter the width of the conveyor use the handles at each end.

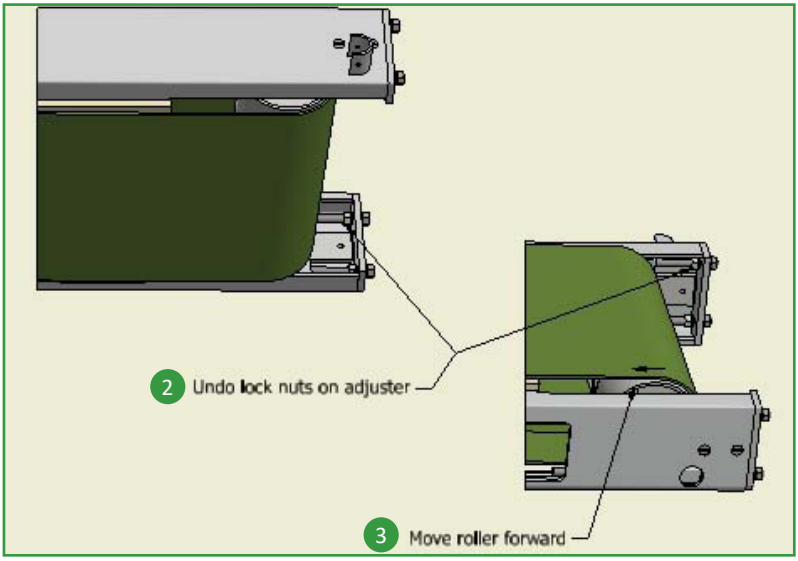
Packing up your 4.2m and 5.2m Mobile Sheep Conveyor

- Remove entry ramp and exit ramp from conveyor
- Slide winch back on and make sure to secure with pins are in place on winch stand.
- Pin drawbar back on and pin exit ramp to drawbar.
- Slide axle back in frame and secure with locking pins.
- Side wheel arms back onto the conveyor axle and pin axle on securely.
- Fit stabiliser bar back on.
- Hook nylon rope back onto stabiliser bar.
- Winch conveyor 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 rope is slack for transportation (all the weight should be on the springs for transportation, not the winch).

1. Remove the cover off the sides.

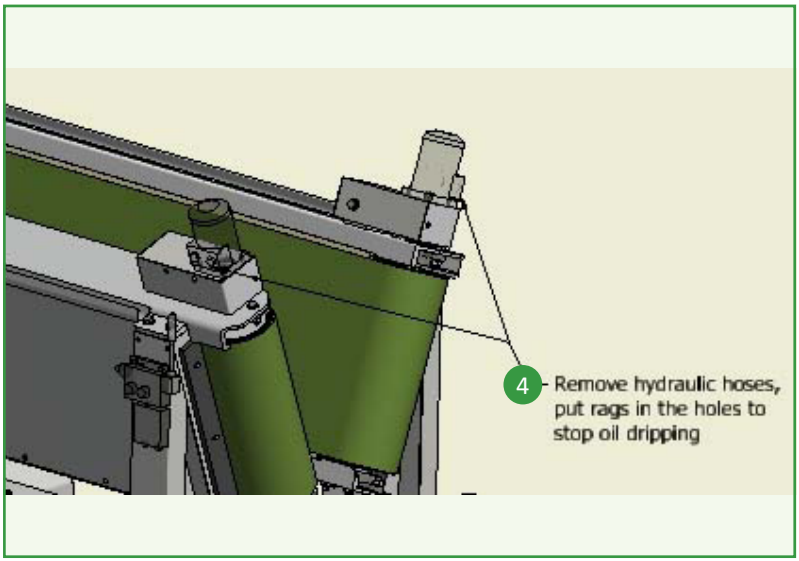


2. Undo the lock nuts on belt tension adjusters top and bottom (entry end).

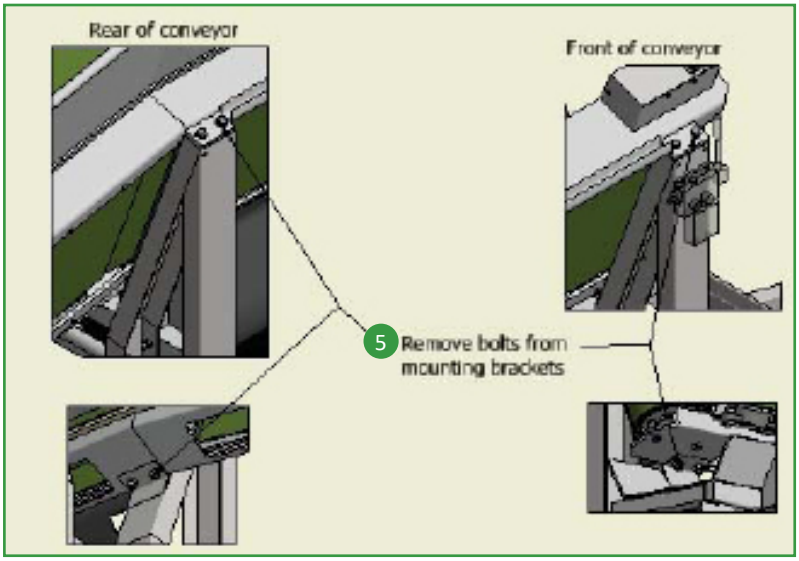


3. Move the idle roller forward (70-100mm). Using spanner provided for nuts on adjuster.

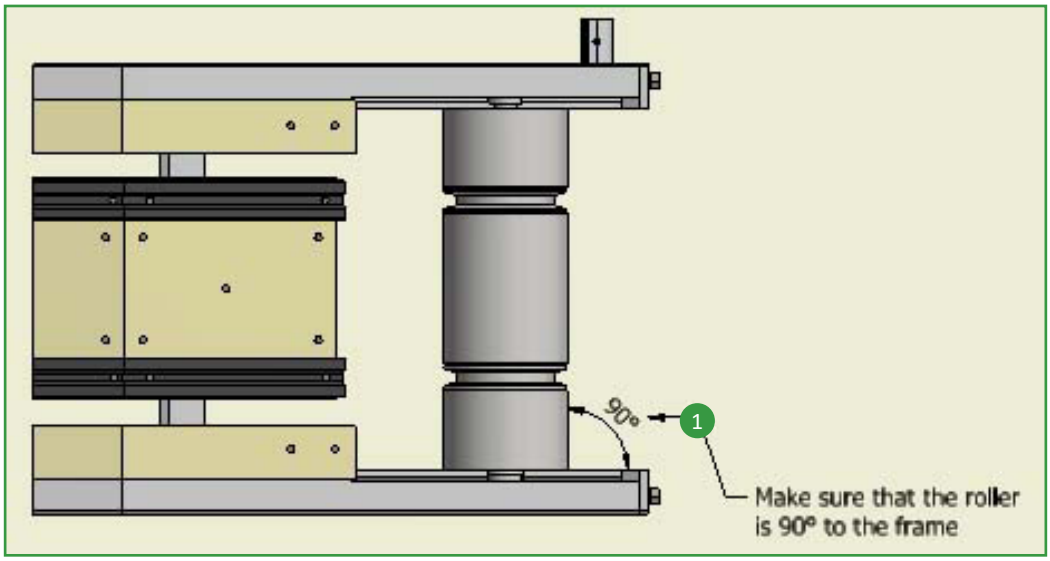
4. Before removing the sides from conveyor, remove the hydraulic hoses from motor and put rags in the holes to prevent oil from dripping.



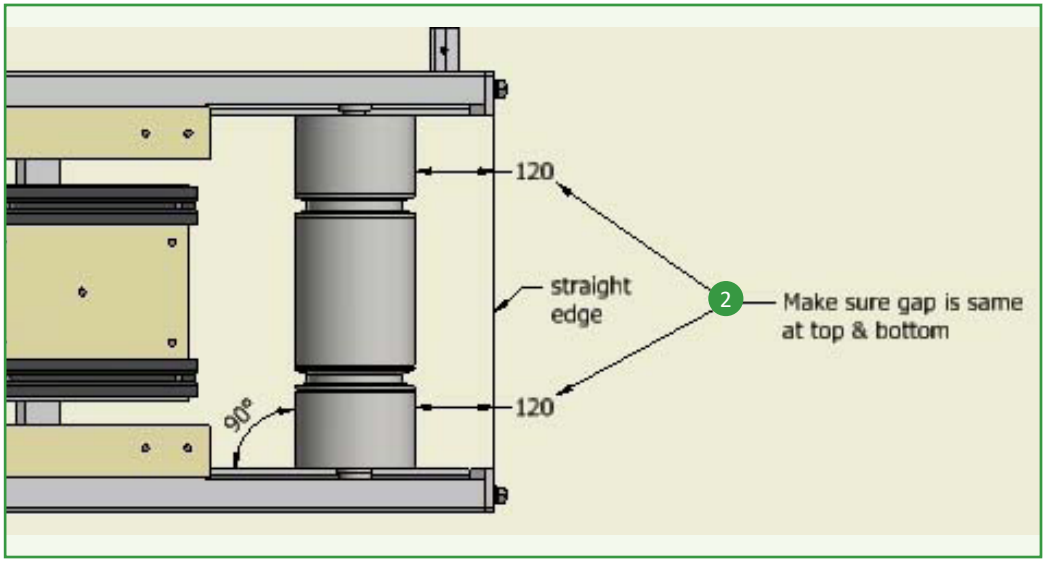
5. Remove the 4 mounting bolts at the front and 4 mounting bolts at the rear end of the alloy frame.



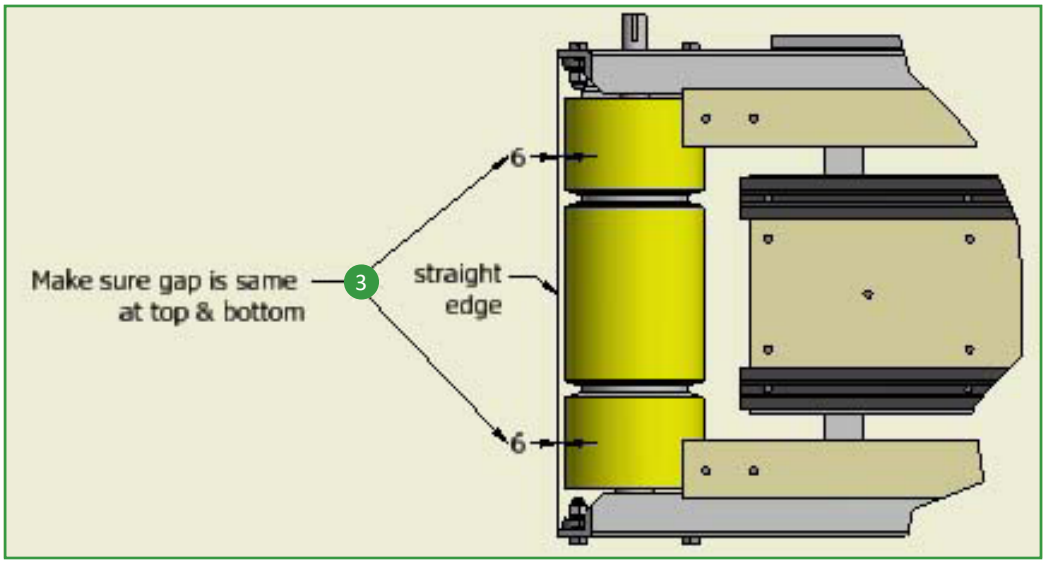
1. Make sure that the rollers are 90 degrees to the frames.



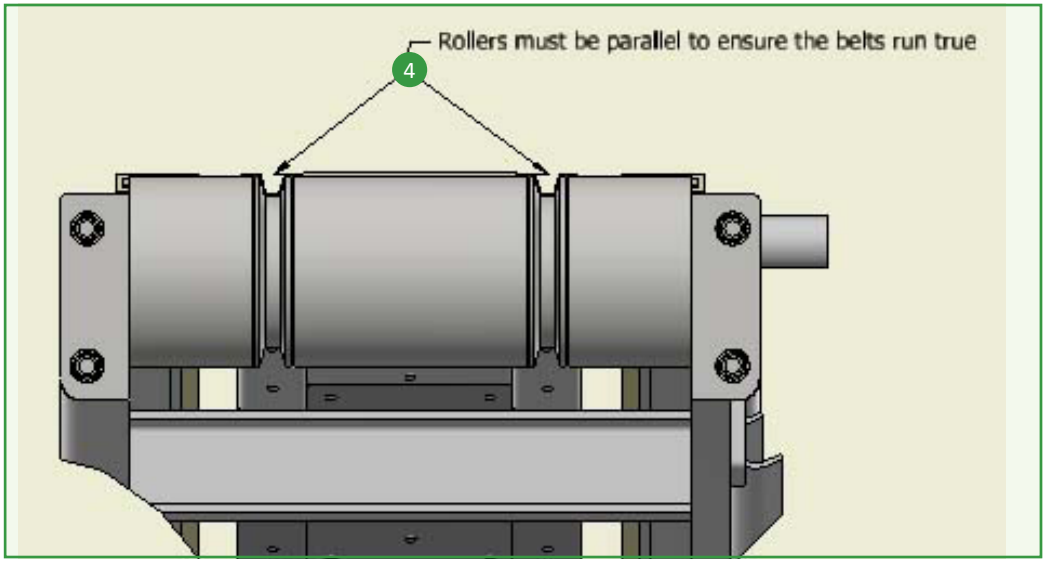
2. Use a straight edge on the front and rear of the frame. Then measure back to the roller to make sure the gap is the same at the top and bottom.



3. The gap at the top and bottom must be the same.



4. The rollers must be parallel to ensure that the belts run true. This minimises wear on the tracking strip.



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 Conveyor User Manual, or mistreated the Warranty will be Void.

Supplier: _____ Serial No: _____

Date: _____

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