

Adjusting RITCHIE CLAMP

for Sheep Size & Operator Weight

Sheep Weighing 

Pressure Adjustment

1. Lift Locking Bar.
2. Remove spring chains on both sides.
3. Remove Pressure Adjustment Pins.
4. Slide Pressure Plate (from front edge only) to desired hole.
5. Reinsert pins and chains.

Quick Width Guide:

- Light operator: A or B & 1, 2, 3
- Heavy operator: B or C & 3, 4

! Troubleshooting

- *Too bouncy?*

Pressure Plate sits too high → Width is too narrow.

- *Sheep escaping?*

Plate touches the base, or doesn't hold firm → Width is too wide.

- *Still struggling to hold sheep?*

Adjust both width and pressure settings. For example, change from B3 to A2 for better control.

- *Need more holding strength?*

Move the Pivot Stand further away from the Pressure Plate. This increases leverage.



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Adjust the width of the handler to suit the size of the sheep that you are about to work on. The larger the sheep the wider the setting. The width adjustment is trial and error as there are a large range of ewe sizes and wool lengths.

How to Adjust Width

1. Remove the Lynch Pins
 - Located at both ends of the Pivot Tubes (under the Approach Race if connected).
2. Pull Out the Pivot Tubes
 - Fully remove both sides to allow the Pressure Plate to slide.
3. Adjust the Pressure Plate
 - Grasp the front edge only and slide it forward or back to line up with the desired width setting.
4. Reinsert the Pivot Tubes
 - Make sure both sides are aligned evenly. Adjust as needed.
5. Replace the Lynch Pins
6. Reconnect the Chain System
 - Pull the chain evenly on both sides. Ensure equal number of links on each side.
 - There should be enough tension in the spring to allow the Rubber Wall to open quickly but not bounce.



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