

POWDER RIVER[®]

• LIVESTOCK HANDLING EQUIPMENT •

002-52000 S2000 Chute Self Catch

Owner's Manual



Powder River Inc.
PROVO, UTAH
www.powderriver.com
800-453-5318

400-10114
10/2014

Safety Symbols



DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

**SAFETY
INSTRUCTIONS**

Safety instruction (or equivalent) signs indicate specific safety related instructions or procedures.

POWDER RIVER

Powder River is the leading manufacturer of quality, ranching equipment. Since 1938, Powder River has been partnering with North American ranchers. Powder River's trademark green is recognizable all across the country in quality panels, gates, squeeze chutes, cattle guards and much, much more.

POWDER RIVER

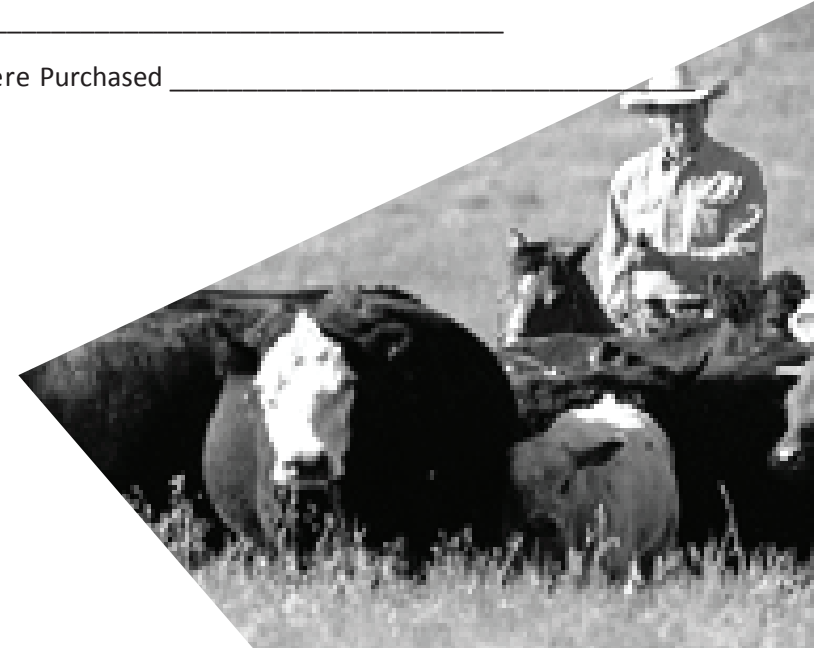
002-52000

S2000 Chute Self Catch

Serial # _____

Date Purchased _____

Store Where Purchased _____



SAFETY STATEMENT



WARNING

Handling livestock can be unpredictable and/or dangerous. Using equipment properly may limit the risk of injury; however, be aware of the limitations of equipment. Cattle equipment may provide a safer, more efficient working environment, however, even the best equipment is no replacement for smart and safe livestock handling.

NOTICE

The S2000 Chute is NOT designed for feedlots or other high volume lots.

Initial Setup

The S2000 Chute is packaged for shipping, a few tasks will need to be performed to ready the chute for handling cattle.

Setup Overview

1. Remove banding, ties and the forklift pockets from the drop fingers.
2. Attach the side squeeze handle.
3. Use a $\frac{3}{4}$ " wrench to loosen the side exit, safety tab. Loosen tab until it can be maneuvered freely.
4. Loosen kickpan bolts.
5. Adjust chute floor to desired width.
6. Adjust the headgate to the desired width.



CAUTION

Side-exit, safety tab should be in latched position when not exiting animals through the side exit. Stand clear when the using side exit.

NOTICE

Side exit safety tab will need to be in open position to release animals from side exit.

NOTICE

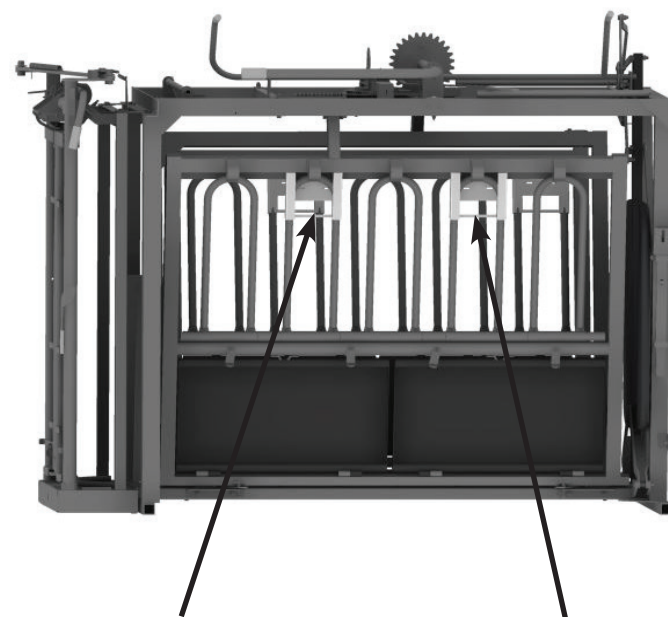
Additional products may have been banded to the chute for shipping; all banding and products should be removed prior to use.

NOTICE

All bolts are tightened for shipping, some bolts will need to be loosened to properly operate the chute.

Forklift Pockets

Forklift pockets are attached to the chute to facilitate shipping. You can use the pockets to move the chute around your ranch, but you will need to remove the forklift pockets before using your chute.



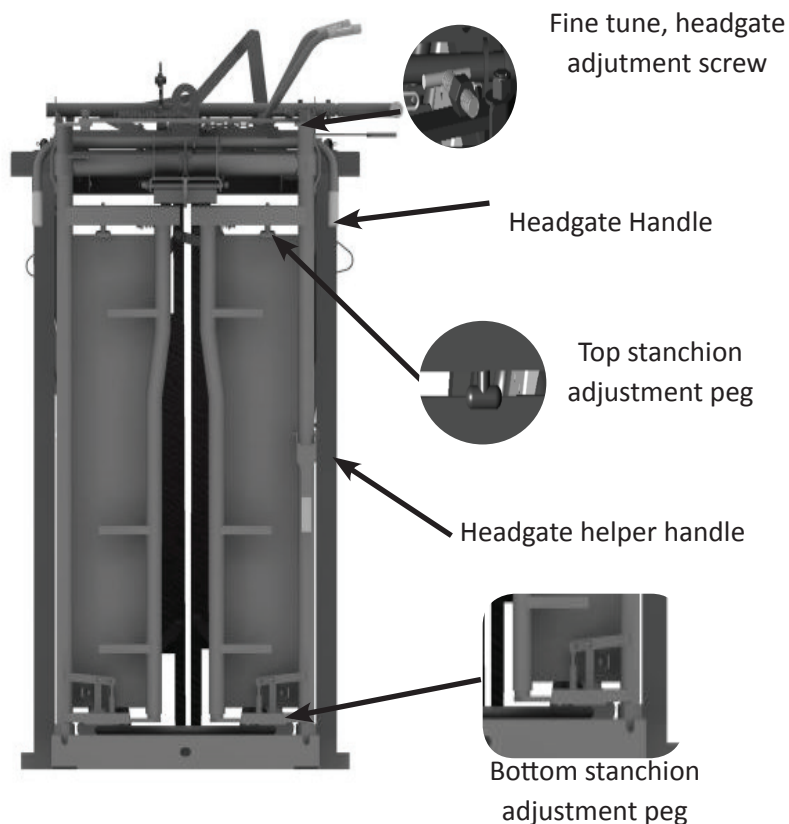
Remove the (4) forklift pockets before operating the chute.

NOTICE

The Fork-Lift Pockets facilitate moving the chutes with a forklift; they should NOT be in place when working animals.

Headgate Overview

Pull the headgate handle towards the back of the chute to set it to automatically catch the animal. To release the headgate push the headgate handle towards the front of the chute.



NOTICE Animals may not wish to advance through the chute if the headgate is too narrow. The gap can be adjusted for a larger animal by adjusting the top and bottom stanchion cover pegs.

Squeeze Setup

NOTICE

The spring dangling from point A needs to be attached to the hole at B. (Springs not shown in diagram)

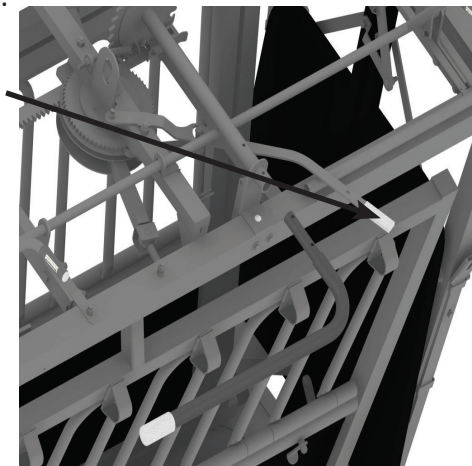
NOTICE

The nut at will need to be removed and the bolt placed into the large hole in the linkage. Replace the nut and tighten when the bolt is in place inside the hole.

NOTICE

The center squeeze handle is packaged for shipping inside the chute with the headgate handle.

Center Squeeze Actuator Handle



To assemble the center squeeze handle slip the handle into its receiving tube (center top of the chute) and bolt in place.

Instructions for Use

Pre-Operation Checklist

- Begin with the tailgate closed.
- Adjust the width of the chute floor to the size of the animal (see Floor Adjustment), use a narrower setting for smaller animals and a wider setting for larger animals.
- Open the center squeeze to its widest position.
- Adjust headgate to desired width (see Headgate Overview).

NOTICE Make sure chute is on level ground.

NOTICE Minimize or eliminate all gaps between the lead-up alley and the chute.

Operation

1. Open the tailgate to allow animal to enter chute.
2. Catch the head of the animal in the headgate.
3. Close tailgate.
4. Apply the center squeeze.
5. To release, open center squeeze then headgate. Alternately utilize the side exit.

Floor Adjustment

1. Remove retention pin, when you have achieved the desired width, replace the retention pin.
2. Rotate floor adjustment plate utilizing the floor adjustment lever. The adjustment lever is fastened to the side of the chute with a nylon thumb screw.

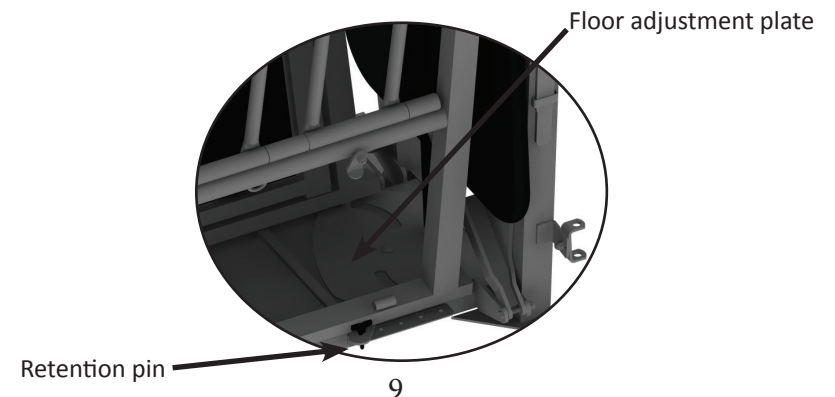


When transporting the chute, replace the adjustment lever on the side of the chute with the nylon thumb screw.

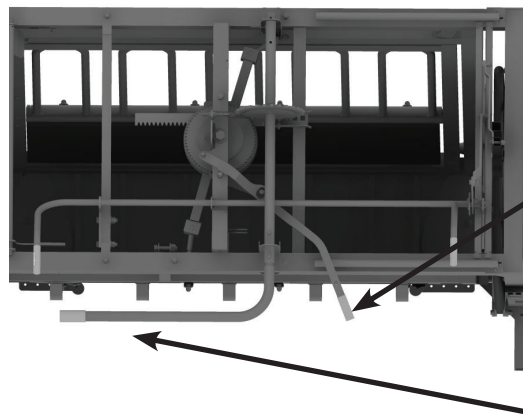
The chute floor is easier to adjust when the sides are in the vertical position.

Over time the plate may become difficult to move by hand; it may become necessary to use the floor adjustment lever.

The front or back width of the floor can be set independent of each other.



Manual Controls



NOTICE

To release the center squeeze push the center squeeze release handle.

NOTICE

To actuate the center squeeze pull down the center squeeze handle.

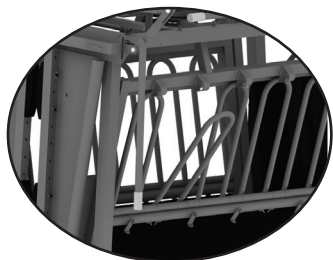
NOTICE

Maintain side exit safety tab in closed position (shown); when the animal is exiting through the side exit place the latch in the open position.



NOTICE

The drop fingers on the chute are utilized by pushing up the slam latch and dropping the tube.

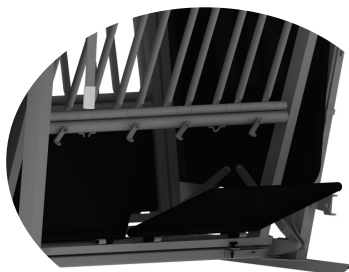


NOTICE

Lower the kick pans by moving both tabs to a horizontal position and pulling out on the pan.

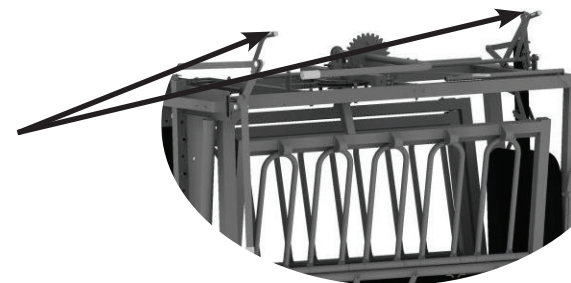
NOTICE

Kick pans can be completely removed if desired by sliding the pan to the side (keep hinges lubricated).



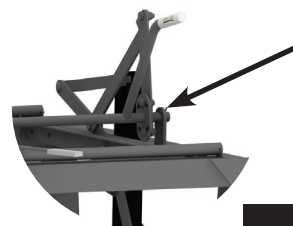
Manual Controls

Tailgate handles



NOTICE

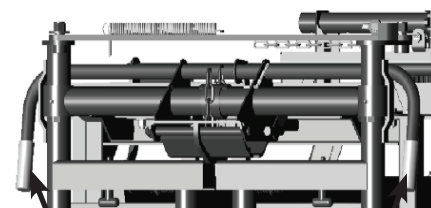
Tailgate handles are located on the side of the chute and are actuated by pulling down.



NOTICE

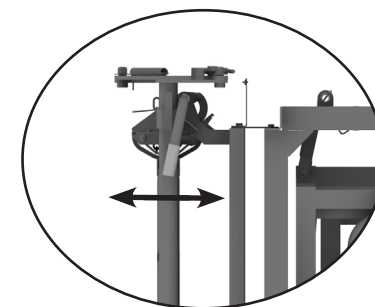
The tailgate height can be adjusted.

Auto Controls



Headgate Handles

Headgate Handles Movement



NOTICE

Pull the headgate handle towards the rear of the chute to set it to automatically catch the animal. To release the headgate push the headgate handle towards the front of the chute.


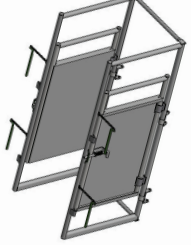
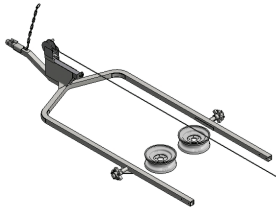
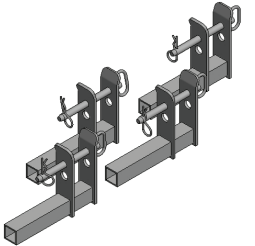
→ Sets the headgate
← Releases headgate

Replacement Parts

Part Number	Description	Image
001-00170	Urethane Yoke	
002-40135	Side Adjustment Handle	
319-10080	Floor Adjustment Retainer Pin	

NOTICE For information on additional replacement parts please call 800-453-5318.

Recommended Products

Part Number	Description	Image
002-20000	Neck Extender	
004-00040	Sheeted Pregnancy Test Gate	
002-59100	H2000 Compatible Chute Trailer	
NOTICE 002-59110 Trailer Stirrup Set must be ordered with trailer		
002-59110	Trailer Stirrup Set	

Maintenance Schedule

Before Every Working Session	
Lubrication	The S2000 Chute requires lubrication for a long service life; there are two lubrication points (see image).
Inspection	Inspect chute for broken, worn or damaged parts.
	Ensure that the headgate, tailgate, squeeze, and side exit operate smoothly.
	Check bolts and springs to make sure the chute is in good working order.
Before AND After Every Working Session	
Clean	Clean the chute floor, headgate and tailgate from dirt, manure or any other debris to keep chute in good working order.
As Needed	
Inspection	Check for damage that may have been caused by transit, livestock, and/or weather. Inspect the chute for any damage that may cause harm to operator or animal.

Grease Fitting Lubrication Points



If you need assistance or have any questions regarding your Powder River equipment please contact us at:

800-453-5318





POWDER RIVER[®]

• LIVESTOCK HANDLING EQUIPMENT •



Powder River Inc.
PROVO, UTAH
www.powderriver.com
800-453-5318