

# The Ditch Box LT

The Ditch Box LT is an implement used behind a farm tractor to cut a contoured drainage ditch without leaving any over burden beside the ditch. It is on the fly adjustable to obtain the required depth for the application.

## Set up & operation

1<sup>st</sup> For best results use the correct size hitch pins. Excessive slack in the hitch pins can cause the unit not to glide well across the ground. This will affect how it cleans up behind it self as it is designed to do.

2<sup>nd</sup> The top link should be adjusted as follows: With the tractor and unit on level ground and the linear actuator completely retracted, move the tractor lift lever all the way in the down position. Lengthen the top link until the side skids on the front of The Ditch Box start to lift off of the ground. Approximately ½ inch, no more. Raise the Box up and set it back down to make sure all the hitch slack is out and it still sets correctly.

Steps 1 & 2 will directly affect how it cleans up behind itself as it is designed to do.

3<sup>rd</sup> Plug the hand control into the wiring on the linear actuator. Only one of the leads are compatible to the actuator. Using the pig tail provided, attach the other lead on the hand control to the tractor battery, or to what ever 12volt source better suits your application.

4<sup>th</sup> With the Box lifted off the ground approximately 6 to 12 inches, adjust swing links so the unit has little to no side movement. Failure to do this will make it impossible for the unit to track correctly and make a straight trench.

5<sup>th</sup> For optimum results, only extend trenching cylinder 2 to 3 inches per pass. The box will make a cleaner trench cut. The tractor is also less likely to spin tires, damaging grass.

6<sup>th</sup> With the tractor lift up and cutting plow cylinder at the desired depth. Lower *The Ditch Box* all the way to the ground and begin. Once the Box is full of material (dirt), raise the plow while leaving the Box on the ground. Drag the material to the desired area and lift the Box to expel the dirt as desired.

The Ditch Box is very simple and easy operate.