The Diamond W Corral Sorting System will become a rancher’s favorite piece of equipment when it comes to sorting cattle. This is a goose-neck unit that splits into two pieces for access in or out the front. There is a 6’ alley way in the center of the unit that is 33’4” long. There is a total of 18 gates through the system. On each end of the alley there are two sets of double 6’ gates that open between the split goose-neck hitch and between the rear axle assemblies.

The rancher has 2 sorting pens measuring 15’ 6” x 15’ 6”. With a height of all panels at 6’. This gives the rancher the ability to tie into the sorting system with any type of portable corral or stock trailer in the field. This unit’s hydraulic system will set the unit down on the ground, and when ready to move lift it up for transport. The hydraulic is run by a 12 volt battery charged by a solar panel.
Center alley way is 6’ x 33’4” for a total of 199.5 sq ft. Each side pen is 15’6” x 15’6”. Outside panel height is 6’2” and roll out to set up. Two 7’ gates in each side pen allow one to be opened for cattle to enter and other used to move cattle into the alley way for loading. Cattle can be put in the sorting system and moved in a figure eight through out all of the pens without opening the same gate twice. There are two divide gates in the alley way with spring-loaded latches to assist with the movement of the cattle.

*Total area in the four pens is 992 sq ft. plus 199.5 sq ft in the alley. For a total of 1,191.5 sq ft.*

This unit can also be set up for a gathering system. Place the five panels in a half circle with the three panels that are tied to the front of the unit, swing the last panel out to the fence line. The two panels on the rear of unit swing out and make an opening for cattle to enter. That opening can be closed easily for capture.

*Total square footage in this layout is 1426 sq. ft. plus the 199.5 sq. ft. in the alley way for a total area of 1625.5 square feet!"
There are two gates to each pen on each side of the alleyway. The flow of the cattle starts at the rear of the unit. There is a gate for each pen that will angle cattle into each of the 4 pens. This allows for separating the cattle as they are fed into the system.

After the cattle have been separated, if the rancher needs cattle in a different pen, there are gates that will open to let cattle angle across the alleyway or go straight across the alleyway.

After cattle are moved into separated groups then loading cattle through the front split goose-neck hitch and by using the double 6 gates that fold out to stock trailers or working circle tubs can be done. This helps in the fact that a rancher can work cattle in the field without moving the whole herd to a different location to do the sorting and loading out.

Two hydraulic cylinders push the rear axle down allowing 12” ground clearance.

Two hydraulic cylinders push a 1/2” x 10” steel pad to raise front of goose-neck to drop on to a 2 5/16” ball
Walking I-beam carries the weight of the unit on rough ground. Electric brakes are on all four wheels.

This unit weighs in at 9100 lbs.

Splitting goose-neck hitch gives you the ability to load cattle out the front of the unit.

Two halves of goose-neck enter lock together with TWO 1” bolts for transporting. This goose-neck hitch has an adjustment of 9”.

All outside panels are double hinged for unlevel terrain.