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#### Demco Harvest Link

The Harvest Link by Demco is in a development state. The unit you are seeing today is the second unit developed by Demco and will be in the field for the 2013 harvest season.

The Harvest Link is being developed as the result of a harvest bottleneck with the combine, grain cart, or trucks waiting for one another as a result of the time sequence not always coinciding with each other. Often times the combine can be waiting in the middle of the field for the grain cart while at the same time the grain cart is waiting on the arrival of a truck. Also there can often be times when the trucks are waiting at the end of the field for the arrival of the grain cart. Many times these bottlenecks can reduce the overall harvested acres on a daily basis. This bottleneck can cause a delay in harvest allowing your crops to be susceptible to adverse weather conditions thus causing the loss of crops in field. This time spent waiting is forcing hundreds of thousands of dollars of equipment to set idle while waiting. At the same time your labor resources are waiting with frustration while they could be performing the job of moving your harvest safely to a storage facility.

The purpose of the Harvest Link is to manage the flow of grain to keep your combine, grain cart and trucks moving and producing for your harvest. With the Harvest Link your trucks can load at any time when they arrive to the field, never waiting for the grain cart. When the grain cart is full, it simply unloads grain in the Harvest Link, never causing a delay by waiting for trucks. This allows the grain cart to return to the combine quickly and allows the combine to continue with the business of harvesting your crop. Early studies have shown a dramatic reduction in harvest time, or an increase in the number of acres harvested daily as a result of the Harvest Link helping to manage the flow of grain in your field. Time savings or increased harvested acres will vary depending on many factors such as size of your combine, the number of combines you operate, the number of grain carts in your operation, the number of trucks in your operation, and the distance traveled to your storage facility.

The capacity of the Harvest Link is 3,000 bushel, allowing you to fill three (3) semi-trucks. The unloading rate of the Harvest Link is 333 bushels per minute.

The Harvest Link is operated from the PTO of your tractor. The PTO powers the self-contained hydraulic system on the Harvest Link. The self-contained hydraulic system powers the entire Harvest Link system.

Through a joy stick control in the tractor cab the operator can operate the auger allowing the radial movement and fore/aft motion. This feature allows the loading of a semi in one (1) position. There is no need to adjust the semi position during the loading process. The self-contained hydraulic system is also responsible to power the auger unloading system on the Harvest Link. The grain flow control gates are hydraulically powered and sequenced to automatically open and close as a result of the load requirements on the orbit motors powering the augers.

The Harvest Link is equipped with a patent pending electronic scale system. This system is designed to communicate through radio frequency with the grain cart scale system. This allows for the grain cart to simultaneously unload into the Harvest Link while at the same time the Harvest Link is allowed to fill a waiting semi-truck. The patent pending feature of this is the fact the Harvest Link scale system will tabulate a gross total field weight. There is no loss of field data as a result of simultaneous operations being performed.

Another of the scale features is the pre-programming of truck capacities. This allows you to program into the scale system the net capacity of each of your respective trucks. When the truck arrives you simply touch the pre-programmed weight for the respective truck and start the loading process. Once the Harvest Link has unloaded the required net weight into your truck, the hydraulic system of the Harvest Link will automatically close the grain flow doors allowing only the required weight on your truck.

Another benefit of the Harvest Link is the length of the unloading auger with its fore/aft adjustment. This feature allows you to park the Harvest Link along the road ditch at the end of your field. The Harvest Link's auger can then reach across the road ditch allowing you to fill trucks while the truck remains on the road. By keeping your trucks from entering the field you eliminate the field stress on your truck and trailer. Field stress can be muddy field conditions, short driveways causing the trailer to drop off on the shoulder causing severe twisting of the trailer, severe twisting of the trailer can cause reduced trailer life and increased repair costs.

The transportation of the Harvest Link from field to field is simple. The front of the unit is raised or lowered and carried on the 3-point hitch of your tractor. The rear tandem axle of the Harvest Link is raised and lowered utilizing the hydraulic controls of your tractor.

Pricing of the Demco Harvest Link has yet to be established.

Stop by the Demco display for further information, or call 800-543-3626.

