



U-TROUGH UNLOAD FEATURES & BENEFITS

A SOLUTION FOR EVERY SITUATION

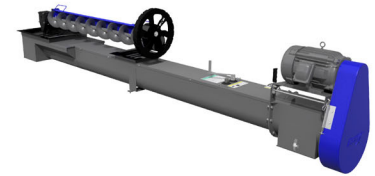
Sioux Steel offers two distinct models of U-Trough Unload ensuring a solution for a wide range of operational needs. The U-Trough FS (Farm Series) is our standard unload/sweep combination **designed for light to medium farm duties**. The FS is compatible with 14' - 50' bin diameters and offers capacities of up to 8,170 Bu/Hr.

Sioux Steel's U-Trough EX (Express Series) is **designed for medium to heavy farm duties** and is compatible with 30' - 78' bin diameters. The EX is able to offer capacities of over 10,000 Bu/Hr depending on the u-trough and bin size.



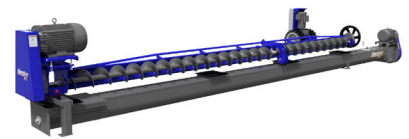
FS - PERMANENT SWEEP COMBINATION

The U-Trough FS features a permanently installed gear-driven sweep that is fully integrated with the unload, providing you with **simple operation**. The sweep is engaged using a shifting lever located at the head of the u-trough unload. When engaged, the unload flighting drives the sweep through a double gearbox. This system is **powered by the unload motor alone and does not require any other control system to operate**.



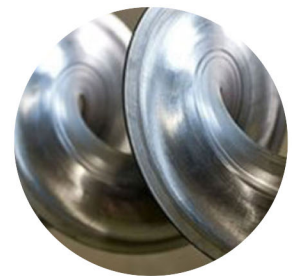
EX - MORE SWEEP POWER

The U-Trough EX is designed for operations that need more sweep power than a gear-driven sweep. The EX features a pivot receiver that is located directly in the center of the initial sump. This receiver enables the unload to be compatible with Sioux Steel's Commercial Express Sweep. The Express offers **added power with a motorized tractor-drive in addition to the SureGrip™ Gear Reduction Wheel**, boasting **capacities of up to 6,500 Bu/Hr**. Sioux Steel offers control panel options to operate the Express.



LONG-LASTING, MORE EFFICIENT FLIGHTING

Sioux Steel U-Trough Unloads utilize an innovative flighting that features a thicker outer edge with a smoother transition to the inner auger face. This design coupled with a high carbon steel construction, **increases the auger's lifespan by over 50%**. This specific design of the flighting also provides greater "grab" allowing you to **move up to 100 more bushels per hour**. This higher capacity combined with the longer lasting auger provides **increased cost per bushel savings in the long term operation of your unload**.



INCREASED CAPACITY

Sioux Steel offers **unmatched unload capacity** with their addition of a 14" U-Trough Unload. The increased size provides the **ability to move over 10,000 Bu/Hr**, making the Sioux Steel 14" Unload unprecedented in capability. This combined with the power of a Commercial Express Sweep enables you to **handle large amounts of grain in shorter amounts of time**, making your operation more efficient.





U-TROUGH UNLOAD FEATURES & BENEFITS

SIMPLE INSTALL

Install crews have told us how much they appreciate the efficiency of a Sioux Steel Unload install and we believe that our unload is the best in the industry for its ease-of-installation. Sioux Steel unloads are ***pre-assembled at our factory*** with no complicated assembly required, ***minimizing the time needed to install on-site.***



SIMPLE GATE CONTROLS

Operators have an easy time controlling the sump gates on a Sioux Steel U-Trough Unload. The gate controls are located near the unload's Powerhead, providing ***easy access while operating the equipment.*** The user is able to open and close sump gates with the ***initial sump operated independently and separate from the intermediate sumps.***



SAFE OPERATION

Sioux Steel's U-Trough systems offer safe operation that does not require regular entry into the grain Bin. ***The FS model's fully-integrated sweep and unload are controlled at the Powerhead.*** The EX model is intended to operate with the Commercial Express Sweep. ***The Express is operated from a control panel outside of the bin while the unload is operated at the powerhead.***



BENEFITS OF A SIOUX STEEL POWERHEAD

The Sioux Steel U-Trough Powerhead features an adjustable Quick-Detach Motor Mount that makes it ***simple to move a motor from one unit to another.*** The hinged Belt Guard provides ***efficient maintenance access*** to the drive belting.



SIOUX STEEL QUALITY

Sioux Steel U-Trough Unloads are built to last. We use cutting edge design, high quality materials and advanced manufacturing techniques to ensure that your unload is ***long-lasting*** and that it maintains its efficiency. All Sioux Steel U-Trough Unloads feature our Premium Powder Coat Finish, providing an excellent and durable protective coating.

