

U-TROUGH BIN UNLOADING



TOTAL VALUE. TOTAL SYSTEMS.™



BIN UNLOADERS BUILT RIGHT

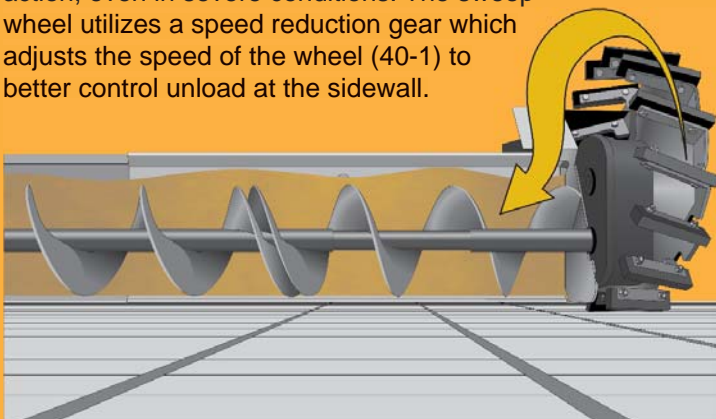
GSI U-Trough unloaders are available for bins up to 60 ft. diameter, 5000-6000 BPH*. The U-Trough fits under most standard aeration floors and requires minimal assembly. It features an adjustable flight for easy expansion to the outer wall, dual action sweep wheels that move the unloader through the grain while sweeping out outer sidewall grain, and enhanced design to help sustain grain quality. Constructed from top quality galvanized material and components, the GSI U-Trough requires minimal maintenance and will provide years of reliable operation.

*Capacities may vary depending on grain type and condition.



Power and Performance

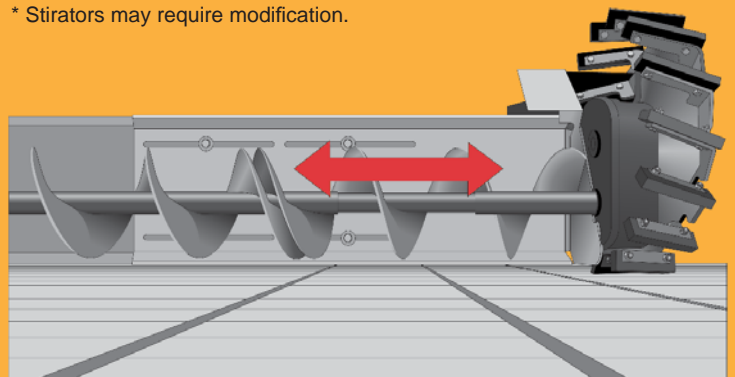
The drive wheel (patent pending) sweeps grain from the bin wall as it propels the unloader providing aggressive sweep action, even in severe conditions. The sweep wheel utilizes a speed reduction gear which adjusts the speed of the wheel (40-1) to better control unload at the sidewall.



Flexibility and Convenience

The sweep length is adjustable to accommodate various bin sizes. Standard size sweep is 7.25" on U-Trough systems. A sweep stop* can be controlled from outside the bin to limit the sweep to one revolution around the bin.

* Stirrators may require modification.



Bin unloaders are available in 11" U-Trough

Unloader extensions for custom installations are available.

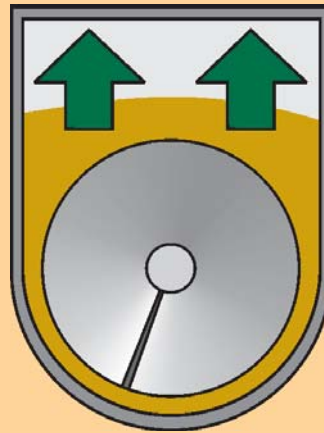


Fits under a standard 12" floor!



Rack and pinion gate controls are standard on all unloaders. Optional air or electric gate openers available.

Gearbox shifter engages the sweep from outside the bin.



U-Trough's open design allows pressure relief as grain moves through the trough. This design reduces the chance of grain cracking or damage and moves more material than traditional round tubes at the same horsepower.

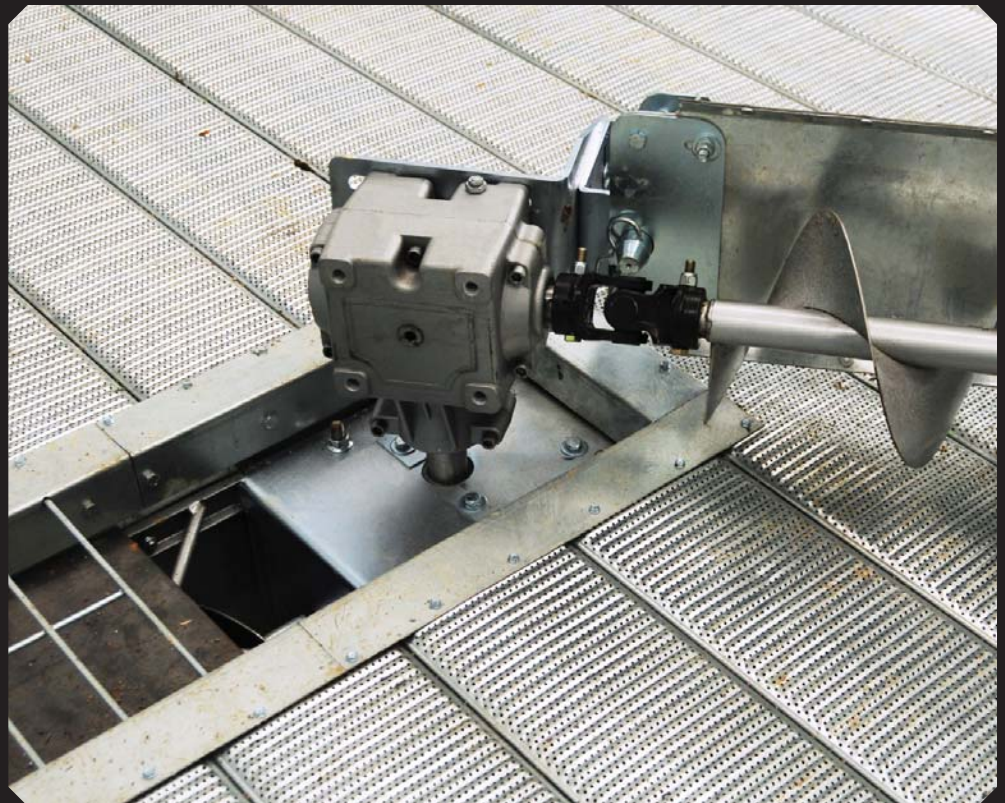
SWEEP DRIVE OPTIONS

Gearbox Sweep Drive:

Features a fully enclosed shifting mechanism with no chains in the gearbox. Food grade oil is used to assure no bin contamination. One motor drives the unloader and sweep from outside the bin.

Extra Long Center Gate

Designed for maximum grain flow. (maximum length of exposed flight on the intake translates into maximum unloading capacity)



POWERHEADS



Electric Powerhead with quick detach motor mount and over center belt tensioner. A rubber gasket on the belt guard maintains tube pressurization for a positive airflow seal.



Incline Elbow elevates the discharge to a fixed angle, 20" lift from center discharge to ground.

Setting the Standard

- High capacity unloading (unmatched in the industry) U-Trough: 5000-6000 BPH
- Galvanized finish for exceptional durability.
- Easy installation: Unloaders require minimal assembly and fit under GSI's standard 12" flooring, as well as most other aeration floors.
- Aggressive sweep drive wheel. (Patent Pending) Sweep propels itself even in tough conditions.
- Minimal maintenance and years of reliable operation.

U-Trough Direct Gear Drive Bin Sweep Unload Systems

| Cat# | Bin Diameter | HP for Drive Unit Style | | Lbs. |
|------------|------------------------|-------------------------|---------|--------|
| | | Horizontal | Incline | |
| TGZR15EDHX | 15' Bin, 12.7" - 2 Shv | 5 | 7.5 | 710.0 |
| TGZR18EDHX | 18' Bin, 12.7" - 2 Shv | 5 | 7.5 | 743.0 |
| TGZR21EDHX | 21' Bin, 12.7" - 2 Shv | 5 | 7.5 | 782.0 |
| TGZR24EDHX | 24' Bin, 12.7" - 2 Shv | 7.5 | 7.5 | 833.0 |
| TGZR27EDHX | 27' Bin, 12.7" - 2 Shv | 7.5 | 10 | 907.0 |
| TGZR30EDHX | 30' Bin, 12.4" - 3 Shv | 7.5 | 10 | 972.0 |
| TGZR33EDHX | 33' Bin, 12.4" - 3 Shv | 7.5 | 10 | 1014.0 |
| TGZR36EDHX | 36' Bin, 12.4" - 3 Shv | 10 | 10 | 1056.0 |
| TGZR42EDHX | 42' Bin, 12.4" - 3 Shv | 10 | 10 | 1161.0 |
| TGZR48EDHX | 48' Bin, 12.4" - 3 Shv | 10 | 10 | 1245.0 |
| TGZR54EDHX | 54' Bin, 18" - 3 Shv | 7.5 | 10 | 1464.0 |
| TGZR60EDHX | 60' Bin, 18" - 3 Shv | 10 | 10 | 1688.0 |

All U-Trough Unload Systems include Electric Horizontal Drive Unit, 9" O.D. Unload Flight in the 11" Unload U-Trough, 7-1/4" O.D. Sweep Arm Flight, Binwall Plate, and Floor Flange(s). See your local dealer for more details. Capacities may vary depending on grain type and condition. Features and designs are subject to change without notice.



GS-030



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